

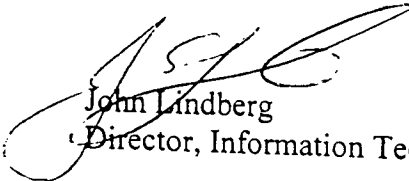


To: Finance and Select Committee
From: John Lindberg
Director, Information Technology
Re: Finance & Corporate Services - IT Department

Date: June 12, 2002
File: 1370-01

Staff Recommendation

That the report regarding Service, Activity Levels and Budget Detail for the Information Technology Department from the Director, IT, be received for information.


John Lindberg
Director, Information Technology

Staff Report

Origin

At the February 25, 2002 Council Meeting, it was resolved:

"That each General Manager review with their appropriate Committee of Council, departmental programs and service levels prior to the start of the 2003 budget review process;"

This report responds to that resolution in relation to the Finance & Corporate Services Division, specifically: the Information Technology Department.

Analysis

Attached are the following for review and discussion:

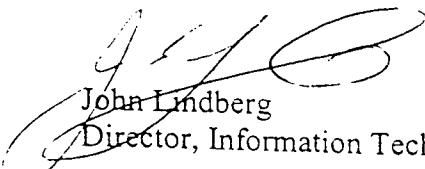
- Section (A) A brief indication of Information Technology's historical growth, city comparisons and summary activity, service levels for the department. (Pages 1-4)
- Section (B) Summary of department Budget broken down by programs and services. Also showing staff allocations. (Pages 5-8)
- Section (C) Detail report of all costs and descriptions relating to the department on a line by line basis. (Pages 9-47)

Financial Impact

This review will form a basis for the 2003 budget preparations. There are no other financial implications at this point.

Conclusion

Upon review of the Budget's (programs and services) as well as of the services levels and activities, this outcome will be used in the preparation for the 2003 Budget.


John Lindberg
Director, Information Technology

Section A

IT Budget Review

The following general summary/comments are provided to answer two questions.

1. How does the IT Department compare over time within Richmond; and
2. How do we compare today against other cities?

Below is a brief review of the workload and manpower change within the last seven years within the Information Technology Department. Netting out any organizational changes and looking at three factors relating to workload. The first factor; number of units the IT Department is required to maintain. This includes PC's, printers, scanners, etc. from all users such as Recreation, Fire, RCMP, Gateway, etc. The second statistical data used for workload is the number of servers the IT Department is required to monitor and to keep up-to-date and running efficiently to ensure no interruption of service. This includes backup, storage and major switching gear. The third statistic is the number of applications the department is required to service (maintain, upgrade and ensure operating function ability).

	Staff	Units	Servers	Applications
1995	25	800	2	28
2002	32	1488*	74*	49*
% Change	28%	85%	155%	80%

It can be seen by the statistics that our workload over the last seven years has gone up dramatically and the staff count has only gone up 28%. This is due to the IT Departments ability to utilize technology to allow us to complete our functions in a more efficient basis.

*Comprehensive List Attached (Appendix A)

Information Technology Department Budget 2002

The following manpower comparisons are against Burnaby, Coquitlam and Surrey. The numbers have been **netted** to compare the same functions performed in each City.

	<i>Richmond</i>	<i>Burnaby</i>	<i>Surrey</i>	<i>Coquitlam</i>
Staff	30*	38	50	22**
Difference		8	20	(08)
Percentage difference compared to Rmd		+25%	+75%	-27%
PC's	1285	1200		400
Percentage difference compared to Rmd		-7%		-65

* **Does not include mail or cell support (2) people**

* **Does not include PC Support**

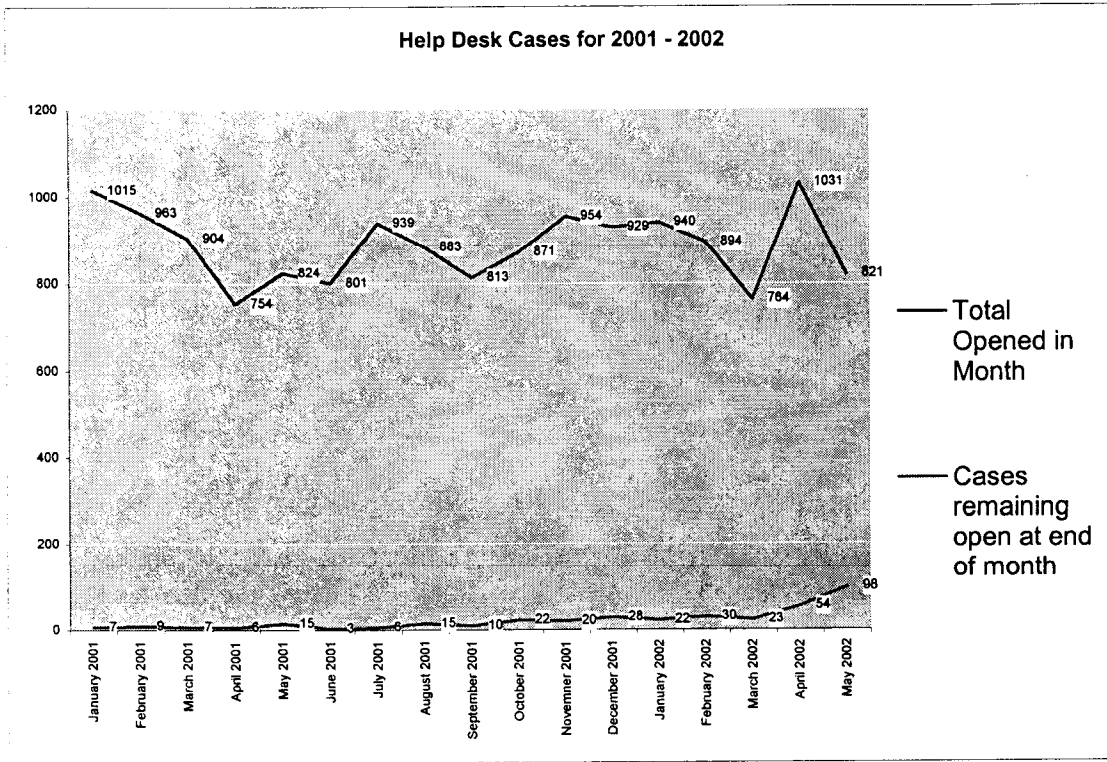
It should be noted that along with the service and programs which the IT Department must maintain, including the addition of new hardware, software, and handling of fixes, patches and upgrades along with new installations in an ever changing environment, the IT Department handles approximately **50 calls per day from the user community that must be reacted to in an ongoing efficient manner.

***This number does not reflect the queries, which are answered via email and in "general".*

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Closed
Amanda	145	0	29	71	45	140
Bookit	509	12	38	238	221	469
Database	62	1	13	24	24	48
GIS	40	1	7	21	11	44
Hansen	3	0	1	1	1	1
Help Desk	1211	7	102	398	704	1214
Network Services	136	6	37	71	22	131
Office Applications	829	13	149	450	217	822
PC Services	1697	26	358	993	320	1732
PeopleSoft	216	3	39	115	59	244
RCMP	1	0	0	1	0	0
Telecommunication	522	9	67	219	227	506
Web	8	0	2	5	1	6
	5379	78	842	2607	1852	5357

Information Technology Department Budget 2002



**6 Month Average (in hours) per case (Resolved only)
(December 2001 - May 2002)**

	Urgent	High	Medium	Low
Amanda		34	118	154
Bookit	1	15	97	69
Database	11	63	81	32
GIS	34	61	197	138
Hansen			1	
Help Desk	4	16	28	14
Network Services	5	63	229	195
Office Applications	10	28	47	39
PC Services	6	42	97	86
PeopleSoft	30	118	397	418
Telecommunications	14	58	94	39
Web	0	194	0	293

Information Technology Department Budget 2002

Services & Programs Budget 2002		FTE	PROGRAMS	FTE
SERVICES				
1	General Administration	\$ 236,420.00	9 Office Applications/Exchange/PC Doc's	3.3
2	Network Service	\$ 1,367,056.00	10 Bookit	1.2
3	DataBase	\$ 281,652.00	11 Hansen	1.7
4	HelpDesk	\$ 224,679.00	12 Amanda/OpenTax/ParkSmart/Cash	2.2
5	Tele-communications/Data	\$ 480,649.00	13 Web/Internet	1.2
6	Mailroom Service	\$ 279,515.00	14 GIS	1.2
7	PC Service	\$ 437,346.00	15 RCMP	2.3
8	ART Team	\$ 240,300.00	16 PeopleSoft	3.2
	Services Total	\$ 3,547,617.00	Programs Total	16.0
TOTAL FTE		34	Operational Department Budget Total	\$ 5,736,100.00
			(Rounded)	

	John Lindberg	ART Team	Eddie Hung
General Administration	Veronica Schultz		Paul Sung
Network Services	Adam Bennett	Office Applications	Grant Bateman
	Adam Cheal		Mike McFayden
	David Gillis		Ron Facey
Database	Hikmat Gaddoumi	Bookit	Kelly Mack
	Maarten Veerman	Hansen	Roni Zhang
	Ray Cordoni	Amanda/PeopleSoft	Nasim Karsan
Help Desk	Chris Davies		Annie Chow
	Donna Craig		Evelyn Dawson
Telecommunications	Rajpal Nanray		Loletta Lei
	Angela Deer/Kim Carron		Geoffrey Mah
Mailroom	Nancy Righton		Iryna Kirishuk
PC Services	Helga Hauzenberger	Web	Colleen Smith
	Bill Whyman	GIS	Yelena Markova
	Ed Kurta	RCMP	Ravi Ghanason
	Robert Braun		Greg Lindenbach

Section B

City of Richmond
2002 Budget - Service Level Review Report

Department Information Technology

Services Total = \$3,547,617.00
Programs Total = \$2,188,370.00
Total = \$5,735,987.00

Ref#	Org Name	Org #	Program/Services	U/L	Net Cost (Budgeted)
	ADV Research & Tech.	498	ART Team: Responsible for research and development of new and innovative concepts, products, methods, and technologies to enhance the existing services offered by City Operations. Including, Strategic Planning that involves the development of advanced strategy and conceptual plans for the implementation of cost efficient and cost effective solutions in corporate departments as well as future solutions that identify and establish innovative ways to meet the future needs and opportunities in the City's operations and policies.	1.5	\$240,300.00
	Applications Systems	351	Bookit- Internet Registration System Provide all maintenance & updates to the City's Recreation & Cultural Services registration system. This enables 24 hour 7 days a week resident ability to register for Richmond services in all facilities from community centres to aquatics and arenas. Hansen- Work Order/Maint. Management System Provides maintenance and updates to the cities Hansen system which controls the management of the cities infrastructure of roads, water sewer, building, parts etc. Also, includes all software maintenance contracts. This is used by Public Works, Civics, Parks and Engineering.	1.2	\$ 143,229.00
	Applications Systems	351	Amanda/Open Tax/ParkSmart/Cash Provide all maintenance & updates to the cities property & parking systems which controls Taxes/Utilities, Business Licences Building Permits & Parking. This is used by Urban Development and Safety for parking tickets. Web/Internet/IVR Maintains and manages the city web site, also includes internet costs for data line, software maintenance costs, and firewall/security costs. This is used by Public Works, Urban Development and Public Works. Allowing information for ECom activities available 24/7. This is used by the entire organization.	1.7	\$ 133,149.00
	Applications Systems	351		2.2	\$ 240,631.00
	Applications Systems	351		1.2	\$ 256,289.00

Applications Systems	351	GIS- Computer Mapping System Provides all maintenance and updates + development of the cities graphical information system. Which maps all the cities infrastructure plus other geographical info. Including all software licensing for the products. This is used by Urban Development, Public Works and Parks.	1.2 \$	177,149.00
Applications Systems	351	PeopleSoft- Financial & HR System Provides all maintenance and updates for the PeopleSoft enterprise suite of products. Includes all of the cities financial and HR requirements. Also includes all licensing and upgrade costs. This is used by the entire organization.	3.2 \$	483,225.00
Services				
Database Admin & Operate.	353	Database Maintains and manages the cities databases, of Oracle and SQL which all applications run on, includes licensing costs for these databases.	2.0 \$	281,652.00
Database Admin & Operate.	353	Helpdesk/Operations provides centralized control of all service requirements for the city, provides 16 hrs/5 day coverage for IT related problems (includes telecomm) also includes software cost on maintenance for the software to run the help desk.	3.0 \$	224,679.00
Database Admin & Operate.	353	Tele-communications/Data: Responsible for maintaining all telecom systems for the city also includes all phone and data monthly costs, all line charges, voice mail and high speed data lines for the city.	1.5 \$	480,649.00
Database Admin & Operate.	353	Mailroom Services: Provides all processing and distribution of mail for the city hall, handles all mass mail outs, i.e., Tax & Utility bills.	1.5 \$	279,515.00
Info. Serv. Admin	350	General Administration Includes general administrative staff (1) responsible for the Administrative support to the Director, 4 Managers and all general admin costs for office services & supplies	2.0 \$	236,420.00
Tech. & Network Serv.	352	Network Services: Provide maintenance and implementation services for the whole computer network and infrastructure. This area includes all the costs for hardware & software maintenances, plus the computer leases for all servers and related equipment. 54 servers, 38 HP (running Windows 2000 operating system, 6 Sun (running Solaris operating system), 8 HP (running HP Unix operating system) and 2 Wang, 4 core Switches, 1 backup unit, 1 SAN and 35 Networked buildings.	3.3 \$	1,367,056.00

Tech. & Network Serv.	352	PC Services: Provides physical maintenance and set-up for all desktop requirements including parts and related software. Responsible for 900 desktops PC's, 110 laptops 140 printers, 50 scanners, assorted PA's and digital cameras.	3.3	\$ 437,436.00
Tech. & Network Serv.	352	Office Applications/Exchange/PC Doc's Provides all maintenances updates of the desktop set of products, all windows/Microsoft products. Includes licensing and maintenance support for these products. Examples are Word, Excel, Outlook (email) and Redrms.	3.3	\$ 576,466.00
Tech. & Network Serv.	352	RCMP Maintains all city and RCMP systems for the Richmond RCMP. Includes 220 workstations, 5 servers and 14 different RCMP software's.	2.3	\$ 178,232.00
			34.0	\$ 5,736,077.00

Section C

General Administration

Includes general administrative staff (Director and Administrative Assistant), along with all general administration costs to maintain the office services and supplies.

The staff is responsible for the departments administration including assisting the Director and 4 Department Managers in areas such as scheduling, budget preparation & monitoring, project management, travel and meeting arrangements, training liaison, preparing correspondence, etc.

Information Technology Department Budget 2002

Budget Description	Full Description	ACCT	COST	FTE
John Lindberg/Veronica Schultz/vacation/O/T		4000/350	\$ 196,800.00	2
Total Salary Expenditures			\$ 196,800.00	2
Xerox		4102/350	\$ 2,500.00	
Fax		4103/350	\$ 500.00	
Photo copy lease	Department copier	4111/350	\$ 1,100.00	
General Car mileage		4181/350	\$ 1,000.00	
Courier costs		4196/350	\$ 2,000.00	
Publications		4201/350	\$ 1,500.00	
MISA		4210/350	\$ 500.00	
Seminar		4211/350	\$ 2,500.00	
Trial software versions		4221/350	\$ 5,000.00	
Vehicle charges	Department Vehicles	4261/350	\$ 11,700.00	
Meeting costs		4371/350	\$ 2,500.00	
Misc.		4300/350	\$ 1,000.00	
Cell phone - John		4199/353	\$ 1,080.00	
Vehicle phone charges		4199/353	\$ 840.00	
Office Supplies		4101/350	\$ 5,900.00	
Total Operating Expenditures			\$ 39,620.00	0
	Total		\$ 236,420.00	2

ART Team

Responsible for research and development of new and innovative concepts, products, methods, and technologies to enhance the existing services offered by City Operations. Including Strategic Planning that involves the development of advanced strategy and conceptual plans for the implementation of cost efficient and cost effective solutions in corporate departments, as well as future solutions that identify and establish innovative ways to meet the future needs and opportunities in the City's operations and policies.

Budget Information

This area contains only the human resources side of this "team".

Current Project Samples

- Stores Bar Coding
- Continuous Hansen Implementation
- Bar Coding System for Inventory
- Community Emergency Response System
- Meter Reading for Water Department
- Satellite Imagery
- I.T. Disaster Recovery Plan

Samples of Past Project

- Touch Screen for Fleet Operations
- SCADA Project
Wireless Reporting of city pump station including sanitary, drainage, water PRV, river level and pavement temperature.
- Public Works Radio System
- ***Hansen - GasBoy Reporting for Fleet PM***

Statistical Information

- Completed 54 projects in the past 3 years.
- Received 3 International Awards in 2001
- New York based 'Information Builders' Award' for Excellence in Innovation;
- Mobile / Wireless Business Intelligence Award, from California based CMPMedia's RealWare Award Program.
- Computerworld's 'Wireless 25' Award.

Information Technology Department Budget 2002

Art Team

Budget Description	ACCT	COST	FTE
Team and Project Manager	4000/498	\$ 123,300.94	1.5
Part Time	4010/498	\$ 60,500.00	
Total Salary Expenditures		\$ 183,800.94	1.5
General Supplies (office & Misc)	4101/498	\$ 5,500.00	
Mileage	4181/498	\$ 2,000.00	
Cell Phones	4199/498	\$ 3,000.00	
Printing	4200/498	\$ 1,000.00	
Publications	4201/498	\$ 500.00	
Memberships	4210/498	\$ 500.00	
Vehicle	4261/498	\$ 4,200.00	
Misc	4300/498	\$ 2,500.00	
Total Operating Expenditures	Total	\$ 19,200.00	
Total		\$ 203,000.94	2

PC Services

"Provides physical maintenance and set-up for all desktop requirements including parts and related software. Responsible for 916 desktops PC's, 110 laptops 144 printers, 50 scanners, assorted PA's and digital cameras. PC Services provides support to IT users throughout City Hall, Works Yard, Fire Halls, Gateway and Community Centres. This includes any personal computers (PC's), laptop computers, laser and inkjet printers, scanners, and personal digital assistants (PDA's or Palm Pilots). Support services include set up, installation, testing, and repair or replacement of all of the above equipment. Whenever a new PC or Printer (etc.) is purchased, this group is responsible for installation.

PC Replacement

Independent research indicates that the typical schedule for PC replacement is after 3 years of service. In the past three years, the City has replaced an average of 156 PC's per year of its 1026. This brings our averaged scheduled replacement to 6.5 years vs. the industry average of 3 years. This schedule is held true by the fact that there are still Pentium 75's in use, which were purchased in 1995.

Included in this budget group is the software used to manage the workstations, allowing IT to keep control of inventory, hardware and software, as well as allowing remote control of PC's for software implementation and computer repairs.

Hardware maintenance is also provided for this section, which includes all replacement parts to keep all 1200+ units running.

Statistical Information

Total Service Requests opened in the past 6 months

	Urgent	High	Medium	Low	Closed	Total
PC Services	1697	26	358	993	320	1732

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
PC Services	6	42	97	86

Information Technology Department Budget 2002

PC Services

Budget Description	Full Description	ACCT	COST	FTE
Rob Braun, Technical Support		4000/352	\$ 66,427.00	1
Ed Kurta, Microcomputer Specialist		4000/352	\$ 66,427.00	1
Bill C. Whyman, Technical Support		4000/352	\$ 66,427.00	1
Technical Support		4000/352	\$ 9,060.00	
Co-op Student		4020/352	\$ 40,100.00	
Mgr. Tech \$98,424/4		4000/352	\$ 24,605.00	0.25
Total Salary Expenditures			\$ 273,046.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 16,000.00	
Altiris	Remote Control software for maintenance	4117/352	\$ 15,200.00	
Desktop maint/Net Management	Software maintenance on all desktop equipment	4117/352	\$ 50,000.00	
Printers, Scanners PC's etc...	Maintenance on 50 Scanners, 900+PC, 110+ laptops, parts replacements	4160/352	\$ 80,000.00	
MS software MDSN		4117/352	\$ 3,100.00	
			\$ 164,300.00	
Total			\$ 437,346.00	3.25

Network Services

Provide maintenance and implementation services for the entire computer network and infrastructure. This area includes all the costs for hardware & software maintenances, plus the computer leases for all servers and related equipment. 54 servers, Win 2K, 6 Sun Solaris, 8 HP UNIX & 2 Wang, 4 core Switches, 1 backup unit, 1 SAN and 35 Networked buildings. See following schematic.

Budget Information

This budget area contains the lease costs for all the backend infrastructure hardware, which makes the City operate. The leases give us a 3-5 year replacement policy on servers and new equipment required to met the demands of new software upgrades or advances in technology.

This area also contains the maintenance costs for the hardware and the software required for the computer infrastructure to remain operational with little or no down time. The maintenance provides for parts and services (in most situations), which allows the City to maintain the reliability required.

Statistical Information - Equipment

- 54 HP win2k servers
- 6 Sun Solaris - internet, GIS, Backups
- 8 HP Unix - PeopleSoft, Amanda, Hansen
- 35 Networked Buildings
- 2 Wang Servers
- 4 core switches
- 1 backup unit
- 1 SAN unit

Total Service Requests handled in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Network Services	136	6	37	71	22	131

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Network Services	5	63	229	195

Total Actual "Unscheduled Down time"

	Consecutive	Partial
Core	4 hours	2 times – total of 6 hours
City Web Service	0	2 hours – back up available
HP Servers	0	2 hours – back up available
NT Servers	0	4 hours - back up available

Information Technology Department Budget 2002

Network Services

Budget Description	Full Description	ACCT	COST	FTE
David Gillis, Technical Support		4000/352	\$ 75,375.00	1
Adam Bennett, Technical Support		4000/352	\$ 72,288.00	1
Adam Cheal, Technical Support		4000/352	\$ 72,288.00	1
Overtime@\$3000		4000/352	\$ 9,000.00	
Mgr. Tech \$98,424/4		4000/352	\$ 24,605.00	0.25
Total Salary Expenditures			\$ 253,556.00	
Computer Leases	The equipment covered is Servers, Network Switches, Disk Storage-SAN, Tape Storage-Backup, Network Security, Firewalls, and large System Printers. This is all the hardware running the City's computer systems aside from what is at the user's desktops. There is approximately 5 million dollars worth of equipment which has a useable lifetime of 4 - 7 years.	4284/350	\$ 600,000.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 12,000.00	
Cell Phone - David Gillis	Allows IT management and Infrastructure staff access to staff member while offsite, out of town and after hours.	4199/352	\$ 1,200.00	
WRQ - ReflectionX software	Unix Server control software. Mostly for Developers for them to access Unix servers from their desks. Also used by Infrastructure staff members (3) for maintenance.	4117/353	\$ 4,980.00	
MS SQL - tech support software		4117/353	\$ 1,000.00	
ISDN lines (Telus data lines)	High speed data lines for after hours Database and Server Management.	4115/353	\$ 8,200.00	
Telus direct lines	Various modem access lines for City's Servers and Network hardware for monitoring and diagnostic purposes. This allows some critical equipment to be monitored 24 x 7 for failures by outside vendors (ie Hitachi SAN Disk storage), and under IT control allows outside software vendors direct diagnostic access to their Applications installed on City servers (ie AMANDA IVR).	4115/353	\$ 2,400.00	

Information Technology Department Budget 2002

HP Openview monitoring software	For monitoring the servers and network. This application is used by Helpdesk staff, Technical staff, and Development staff to proactively monitor equipment (ie PEOPLESOFT servers), Applications/Services (ie WEB site availability and response times).	4117/352	\$	75,000.00
Backbone backup software	Software maintenance required to backup all corporate data. This is the City's Software to keep backup copies of all documents, data and computer Information. This allows staff to retrieve lost or accidentally deleted or changed documents on a daily basis. It gives us point in time copies of information we can keep aside for archival or disaster recovery purposes.	4117/352	\$	15,500.00
HP Server & Database	HP Server & Database performance software annual maint. Server and Database Performance monitoring software allows staff to maintain appropriate response times for City's larger Computer Applications (ie PeopleSoft Financials, AMANDA Property).	4117/352	\$	14,000.00
Network management software	For network performance and troubleshooting	4117/352	\$	15,000.00
Extreme/3com switches	Maintenance Agreement for the Community Centre Switch	4160/352	\$	2,500.00
Large core - City Hall (Same day 24 hour parts and labour	Maintenance Agreement for the Main Switching Equipment. This is the main Network Core Switch for the entire City Data Network. All City staff rely on this for ALL computer access. All the users PC's plug in to switches/hubs in the closets on each floor. All these switches/hubs, all City Hall servers, and Internet lines then plug in to this core switch allowing them all to communicate with each other.	4160/352	\$	75,000.00
Small core - City Hall Same day 24 hour parts and labour	Maintenance Agreement for the Main Switching Equipment. This separate Network Core Switch connects all the other Networked buildings into Cityhall (ie W/Y Fire, Comm Ctrs). It allows these higher uptime buildings (7 day 16 hour uptime required), and the City's Web sites to be maintained apart from the more complicated City Hall Network	4160/352	\$	28,220.00

Information Technology Department Budget 2002

Sniffer network software	Portable Network troubleshooting hardware and software for IT staff to take wherever needed to diagnose and resolve Network and Application related issues	4160/352	\$	11,000.00
UPS maint. City/rcmp/firehall's	UPS (uninterrupted power supply) equipment. These systems provide continuous Computer and Network equipment function during building power outages. The systems at these facilities also have Generator power feeding these systems which keeps them up during even lengthy outages	4160/352	\$	15,000.00
SAN support software	Software Maintenance (Storage Area Network) This is the management software for the City's Hitachi SAN (Storage Area Network). This allows IT staff to allocate Disk space as needed from one Central repository to 12 (currently) of the City's largest Database and File Servers. Having our own onsite software allows staff to make our own adds, changes instead of paying a vendor technician for the service	4160/352	\$	20,000.00
Computer room cleaning	Annual service by Specialized Company to clean under raised floor area in Computer and Telephone Rooms. The Air-conditioning flows through the raised floor area, this preventative maintenance keeps concrete dust and other debris from being pushed up into the equipment and shortening it's lifespan.	4160/352	\$	2,000.00
SAN maint. 7x24 coverage & Brocade - Parts and labour	Covers The Hitachi SAN Disk Storage system, Fibre Network equipment which allows the various Servers to use the Disk space on the SAN. This System holds the Majority of the Database information for the City's Applications, it's operation is critical to most of the City's Applications.	4160/352	\$	60,000.00

Information Technology Department Budget 2002

Switches maint. - Works Yard	Maintenance Agreement for the Main Switching Equipment. The Works Yard is the other City site that contains some separate Servers and Applications (ie Hansen). This allows the Dispatcher and other WY staff 24 x 7 access to Hansen regardless of Communication lines to City Hall or any maintenance activity occurring at City Hall. The maintenance is for the WY Core Network switch which ties the WY users to Hansen and other City Applications.	4160/352	\$	5,700.00
Wang Fire-backup 1/2	Backup software for the Production Wang system at No 1 Fire Hall. This Wang server provides Fire Response, Field Incident, Hazardous Goods and Fire Inspection Applications to all Fire staff 24 x 7 x 365. It gives us point in time copies of information we can keep aside for archival or disaster recovery purposes	4117/352	\$	950.00
City Hall back-up 1/2	Backup software for the Wang system at City Hall. This Wang server provides Inquiry access for Historical Taxation, Payroll and other Applications that were previously in production on the Wang system. Allows IT staff using the City Hall Wang server to support the production Fire Hall Wang system.	4117/352	\$	950.00
Fire logon software (light speed)	Windows application allowing Fire staff to logon and use the Fire Response, Field Incident, Hazardous Goods and Fire Inspection Applications 24 x 7 x 365.	4117/352	\$	3,000.00
City Hall back-up (light speed)	Windows application allowing City Hall staff to logon and use the Historical Taxation, Payroll and other Applications that were previously in production on the Wang system.	4117/352	\$	3,000.00
SUN operating updates	Software subscription for Sun Unix Operating system updates	4117/352	\$	800.00
MS software MDSN 1/2	Software subscription for Microsoft Operating system and Database software updates	4117/352	\$	3,100.00

Information Technology Department Budget 2002

Fire Hall Wang maint.	Hardware and Software Maintenance for Production Wang Server at No 1 Fire Hall. This Wang server provides Fire Response, Field Incident, Hazardous Goods and Fire Inspection Applications to all Fire staff 24 x 7 x 365.	4160/352	\$ 8,000.00
Computer cabling	Covers unexpected demand Network cabling in the City's 34 buildings with City maintained cable networks.	4222/352	\$ 15,000.00
HP server annual maint. (parts) - All parts and labour for all 8 Unix Servers (4 hour same day 9 hour coverage)	Hardware And Software Maintenance for City's HP Plotters (Engineering, Traffic), Peoplesoft, Amanda, Hansen, Openview Servers, Large Printers (IT for printing Tax Bills, Meter Bills, Business Licences). These HP servers are the City's large Database workhorses running our critical Applications. The Openview server runs the Application IT and the Helpdesk use to monitor and maintain the health of all City Internal (ie Taxation, Payroll) and external (ie City's WEB site) Applications.	4160/352	\$ 110,000.00

Total Operating Expenditures	\$ 1,113,500.00
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Network Services	Total	\$ 1,367,056.00	3.25
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Database

Manages the City's 28 Oracle and 17 SQL Server databases and PeopleSoft Internet Architecture. The PeopleSoft Internet Architecture is software and servers that web-enable PeopleSoft applications. Both Oracle and SQL Servers are enterprise-class software systems that house the data used by many City application systems. Management tasks include software management, system management, and license management. Software management includes installing and testing new database software, upgrading existing database versions, creating test databases, database backup, database performance tuning, installing patches, and software problem solving. System management includes installing and testing new server hardware and operating systems, upgrading existing server hardware and operating systems, installing patches, and server problem solving. License management includes ensuring that all database software licenses are up-to-date and legally complied with. The City applications that use Oracle as a database are the Cash Payments system, PeopleSoft Financials, PeopleSoft HRMS/Payroll, Geographic Information system, Hansen Maintenance Management system, Amanda system (Property, Permits, Business Licenses, and Tax), Parking Ticket system, Public Works Information system (currently Automated fuel system information), and HP Openview System Management. The City applications that use SQL Server are the Archives system, Altiris Desktop Management system, Bookit Recreation Booking system, Remedy Help Desk system, PC DOCs Document Management system, Geographic Information system, Centre Connect Switchboard system, Building Security system, ESD IVR system, and the Point of Sale system. Note that the Database group performs all management functions for Oracle databases and PeopleSoft Internet Architecture, but only software management for SQL Server database. SQL Server system management and license management is done by the Technical Services group of Information Technology.

Statistical Information

- Oracle database instances (production + test) 28 Oracle database instances
- SQL Server database instances (production + test) 17 SQL Server database instances
- Oracle software versions 4 - 8.0.6 HPUNIX, 8.1.7 HPUNIX, 8.1.7 Solaris, 8.1.7 Windows 2000
- SQL Server software versions 3 - SS 6.5, SS 7, and SS 2000
- 3 Server types - Sun Solaris Unix (2), HPUNIX Unix (8), Microsoft Windows 2000(9)

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Database	62	1	13	24	24	48

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Database	11	63	81	32

Information Technology Department Budget 2002

Database

Budget Description	General Description	ACCT	COST	FTE
Hikmat Qaddoumi	System/Database Administrator Manager, Database Administration & Operations	4000/353	\$ 78,575.00	1
Ray Cordoni	Server and database maintenance done after hours	4000/353	\$ 93,176.00	1
Overtime		4000/353	\$ 5,225.00	
Total Salary Expenditures			\$ 176,976.00	2
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 8,000.00	
Cell phone - Ray Cordoni		4199/353	\$ 900.00	
Quest Software	Annual support for TOAD - Tool used to manage Oracle databases - new releases and trouble calls	4117/353	\$ 2,873.00	
Active State - Annual ASP.NET license	Annual support for Activstate Perl - scripting language used for various system interfaces - new releases and trouble calls	4117/353	\$ 903.00	
Oracle software support	Annual support for Oracle database software - new releases and trouble calls 24x7 is 22% of total Oracle licensing costs	4117/353	\$ 92,000.00	
Total Operating Expenditures			\$ 104,676.00	
Total			\$ 281,652.00	2

Information Technology Department Budget 2002

Help Desk/Operations

Help desk is a central point of reference which give staff a common place to contact when they have telecommunication (phones, pagers, dell phones and voicemail) or computer issues. The goal of the Help Desk is to resolve 50% of the cases vs. sending the problems to the technicians.

Operations:

- Processes all scheduled updating of databases accessed by all City users - City Hall, Works Yard, RCMP and Recreation, including nVision reporting (Financial statements)
- Processes period end updating and production of payroll cheques and statements.
- Monitors servers
- Produces standard and requested reports for users

Budget Information

This section includes the software (Remedy) required to operate the Helpdesk and the "sent" cases to the IT department technical staff. This software is used to monitor, control, and allocate all work requests coming into the IT Department.

Statistical Information

Call coverage	16 hours - 7:00am - 11:00pm M - F
Call volume per month	838 - average over last 12 months
Calls solved by Help Desk	190 - average over last 12 months
Percentage solved by Help Desk	22.7% - based on last 12 months

Total Service Requests handled in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Help Desk/Operations	1211	7	102	398	704	1214

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Help Desk	4	16	28	14

Information Technology Department Budget 2002

Help Desk/Operations

Budget Description	Full Description	ACCT	COST	FTE
Rajpal Nanray	User/Operations Support Clerk	4000/353	\$ 44,077.00	1
Chris Davies	User/Operations Support Clerk	4000/353	\$ 44,077.00	1
Donna Craig	Supervisor of Operations	4000/353	\$ 49,778.00	1
Overtime	Operations after hours - example: biweekly Payroll processing	4000/353	\$ 7,840.00	
Aux.Staff	Assists during peak mail outs (taxes, etc) and to cover compressed and vacation days for all areas (operation/mailroom/admin) to ensure 16/5 coverage.	4030/353	\$ 12,900.00	
Total Salary Expenditures			\$ 158,672.00	3
Remedy upgrades/consulting	Major software upgrades/consulting. The Remedy software tracks IT Helpdesk calls. The original install was done with City customizations. Each new release of Remedy requires consulting to maintain the customizations.	4117/353	\$ 26,007.00	
Remedy annual maintenance	Annual software support - new releases and trouble calls	4117/352	\$ 40,000.00	
Total Operating Expenditures			\$ 66,007.00	
Total			\$ 224,679.00	3

Telecommunications/Data

Responsible for managing all Telecommunications systems for the city also includes all phone and data monthly costs, all line charges, voice mail and high speed data lines for the City, along with the administration of all cell phones within the City. "City" includes Fire, RCMP and all City buildings.

Budget Information

This budget area includes all telephone charges, all monthly rentals and long distance charges for the City. Also included are the annual maintenance contracts on the switching equipment.

All high-speed data lines to all our centres are included within this budget. Presently the City has high-speed fibre lines to all buildings.

Statistical Information

Average past last 6 months - 102 calls per month

Equipment responsible for:

- City Hall - 441 phones, 66 companions, 27 fax, 52 modem, 56 IVR
- Work Yard - 154 phones, 28 companions, 17 fax, 9 modem
- RCMP - 348 phones, 14 fax lines, 2 modem lines
- Fire Hall - 50 phones, 3 fax lines, 2 modem lines
- Cell Phones in use for City Staff and Members - 5 pool phones plus 215 individual cellular phone users

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Telecommunications	522	9	67	219	227	506

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Telecommunications	14	58	94	39

Information Technology Department Budget 2002

Telecommunications

Budget Description	General Description	ACCT	COST	FTE
Kim Carron	Telecommunications Coordinator	4000/353	\$ 54,055.00	
				1
Angela Deer	Telecommunications Coordinator (temp maternity relief)			
Nancy Righton	User Support Clerk	4000/353	\$18,747.50	0.5
Overtime	System maintenance and telephone moves/adds/changes done after hours	4000/353	\$ 2,640.00	
Total Salary Expenditures			\$ 75,442.50	1.5

Public Works

PBX switch - Option 11C	Annual system maintenance 24x7	4198/353	\$ 30,800.00	
Moves/Adds/Changes 1/2	Telephone cabling, installation, trouble calls not done by City staff + replacement equipment	4198/353	\$ 9,900.00	
MegaLink	Rental of Public Works telephone lines (270-8721/270-3479)	4198/353	\$ 18,800.00	
EOC	Special phones for Emergency Operations Centre	4198/353	\$ 8,760.00	
Miscellaneous lines	Modem/fax lines	4198/353	\$ 6,100.00	
Rental lines	Rentals Office at Public Works (monthly rent one line)	4115/353	\$ 1,200.00	

City Hall

PBX switch - Option 61C	Annual system maintenance - Monday - Friday 9-5	4198/353	\$ 35,074.00	
Moves/Adds/Changes 1/2	Telephone cabling, installation, trouble calls not done by City staff + replacement equipment	4198/353	\$ 9,900.00	
Mega Link	Rental of City Hall telephone lines (276-4000) + 2 T1 lines for IVR	4198/353	\$ 24,000.00	
Miscellaneous lines	Modem/fax lines + bank transactions, online Finance (G. Julius), Elevator phones	4198/353	\$ 3,120.00	

Cell Phone - Kim Carron

4199/353 \$ 900.00

Training

Technical training required for position
to maintain prerequisite level to
perform tasks. 4141/352 \$ 4,000.00

Telus Charges (DID,
long distance)

Telephone service use (monthly rental) 4198/353 \$ 75,000.00

Cell Phones

Cell phone pool Cell phones used on a temporary
project basis 4199/353 \$ 7,600.00

Fire

#8 hall ISDN lines Remote location - data line required to
access City applications (276-9573) 4115/353 \$ 1,800.00

Recreation

Telus high speed fibre Dial direct phone lines for WAN & ISO
lines 4115/353 \$ 187,000.00

Total Other Expenditures		40	\$ 423,954.00
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Mailroom

Provides all processing and distribution of mail for the City Hall and other City facilities. Prepares and facilitate all mass mail outs including Tax and Utility billings.

Budget Information

This budget section includes all postage required by the City for mail outs, as well as lease/rental of the mailing equipment to handle the mass mail outs.

Statistical Information

- Average 500 pieces of incoming mail daily
- Sorted and distributed to 27 different areas within City Hall
- Pick up from all locations 4 times per day for outgoing distribution

Information Technology Department Budget 2002

Mailroom

Budget Description	Full Description	ACCT	COST	FTE
Temp Staff	As Required	4010/353	\$23,500.00	
Helga Hauzenberger	Mail Clerk	4000/353	\$37,495.00	1
Nancy Righton	User Support Clerk	4000/353	\$18,747.50	0.5
Overtime	Tax Bills and Water Bill production runs	4000/353	\$5,225.00	
Aux. Staff		4030/353	\$12,900.00	
Total Salary Expenditures			\$97,867.50	1.5
Photocopy & Printing Supplies	Toner, paper, printer consumables/replacement hardware	4101/353	\$40,000.00	
Mailroom Processing Equipment	Lease equipment and maintenance contract	4113/353	\$35,700.00	
Postage	All City postage/mailouts	4197/353	\$87,200.00	
Total Operating Expenditures			\$162,900.00	
Total			\$260,767.50	1.5

Office Applications/Exchange (Email)/PC Docs

"Provides all maintenances updates of the desktop set of products, all windows/Microsoft products. Includes licensing and maintenance support for these products. Examples are Word, Excel and REDMS. The Office Applications group provides support for the most widely used computer applications in the City. This includes Microsoft Office (Word, Excel, PowerPoint, Access), E-mail (Outlook/Exchange), and the REDMS document management system. Specialized applications such as Microsoft Project, Fax transmission, Point of Sale, and credit card reconciliation are also supported. In addition, this group is responsible for administering the minor capital account. The Office Applications group supports the previously mentioned applications by arranging and/or providing application training, implementation services (including project management), and ""expert-level"" support.

In addition this group certifies new applications as being compatible with the existing infrastructure and applications, when another department asks for a certain software application. As well, this group tracks software licensing issues to ensure that the City receives the best value-for-money when any software is purchased; this is to minimize duplicate and/or unused software licenses, take advantage of upgrade options, and ensure that the City is not held liable for unlicensed ("pirated") software installed on any PC.

Budget Information

This area includes maintenance of Microsoft applications. The City utilizes the assistance of Consultants on major word processing issues, but for the day-to-day situations a "user group" of City staff is used.

Statistical Information

- Number of REDMS documents created to-date is 700,165
- Accessed this year 239,000
- On average 26,000 accessed per month
- The average incoming emails received per month are 55,000
- The average outgoing emails sent per month are 48,000

Trouble receive calls in May

Email	Word	Excel	PC
64	19	2	47

Total Service Requests handled in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Office Applications	829	13	149	450	217	822

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Office Applications	10	28	47	39

Information Technology Department Budget 2002

Office Applications/Exchange (Email)/PC Docs

Budget Description	Full Description	ACCT	COST	FTE
Ron Facey, Technical Support		4000/352	\$ 72,287.00	1
Mike McFayden, Network Support Analyst		4000/352	\$ 72,287.00	1
Overtime		4000/352	\$ 6,000.00	
Mgr. Tech \$98,424/4		4000/352	\$ 24,605.00	0.25
Grant Bateman, Microcomputer/Network Support Analyst		4000/352	\$ 72,287.00	
Overtime		4000/352	\$ 3,000.00	1
Total Salary Expenditures			\$ 250,466.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 11,000.00	
Office Support	Word, Excel, Microsoft Products	4117/352	\$ 50,000.00	
Exchange software annual maint	Email usage statistics (Includes only email going out and coming in to the City, doesn't include mail sent within the City) Average monthly incoming messages: 54,370. Average monthly outgoing messages: 47,994. Estimated yearly incoming messages: 650,000. Estimated yearly outgoing messages: 575,000.			
		4117/352	\$ 30,000.00	
PC Doc's				
Annual License & Maintenance		4117/352	\$ 220,000.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 5,000.00	
Praxis maintenance		4160/352	\$ 10,000.00	
Total Operating Expenditures			\$ 326,000.00	
Total			\$ 576,466.00	3.25

Hansen - Work Order Maintenance Management System

"Provides maintenance and updates to the cities Hansen system which controls the management of the cities infrastructure of roads, water sewer, building, parts etc. Hansen system has a user base of 200 in ten departments including Roads, Water, Sewer, Fleet Operations, Facility Management, and Parks, Recycling, Transportation & Traffic and Engineering departments.

The Hansen system has three main functions: Customer Requests, Work Order Management and Asset Management. It allows us to manage City infrastructure, work activities, customer requests and costs. The system enables crews to schedule work programs, analyze maintenance activities, collect asset inventory, develop preventative maintenance strategies and provide timely customer service responses. The asset management tool have enable City staff to be pro-active in maintenance planning, this has pro-long the life of assets and reduce overall costs. Hansen's performance measurement tools have enable City manager's and staff to more effectively manage work programs and in developing long term strategies.

Budget Information

This area contains the maintenance contract for the Hansen software that includes trouble call support, fixes and new versions.

Statistical Information:

The Hansen system manage over 60,000 City owned assets including buildings, equipment, fire hydrants, water mains, water meters, street lights, roads, storm sewer, sanitary sewer manholes, lift stations, sidewalks, neighbour parks, city parks, trails, trees and more... The system have generated over 80,000 work orders to allow us to identify resources, to establish service level, to develop work programs and to do workload distribution.

We are currently in Phase III of the Hansen implementation to expand on data collection needs; to enhance our data model on Roads, Water and Sewer assets; to develop our mobile computing strategies and hardware requirements; to do system integration with PC-Docs and GIS; to set-up CCTV video inspection for sewer networks; to manage pavement condition and to generate management reports on assets and work orders

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Hansen	3	0	1	1	1	1

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Hansen			1	

Information Technology Department Budget 2002

Hansen

Budget Description	Full Description	ACCT	COST	FTE
Roni Zhang, Program Analyst		4000/351	\$ 66,426.00	1
Paul Sung - Project Manager		4000/351	\$ 37,299.06	0.5
Overtime		4000/351	\$ 3,795.00	
Mgr. Applications \$95,569/6		4000/351	\$ 15,928.00	0.17
Total Salary Expenditures			\$123,448.06	1.67
Annual Maintenance	Hansen Information Technologies provides for toll free telephone support 13 hours per day, 4 a.m. to 5 p.m. In addition, we also receive support electronically through dial-up modem, fax and e-mail. Services provided include: Hansen installation and configuration, database maintenance and support, Version 7.X releases and enhancement, Version 7.X patches, Crystal Reports, training workbooks and manuals and Hansen user only forum.	4117/351	\$ 43,000.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 4,000.00	
Total Operating Expenditures			\$ 47,000.00	

Information Technology Department Budget 2002

Amanda/OpenTax/ParkSmart/Cash - Property/Tax/Parking System

Provide all maintenance & updates to the City's property & parking systems, which control Taxes/Utilities, Business Licenses Permits & Parking. Track permits and inspections, including building, plumbing, gas, site services and development applications. Maintain and renew business licenses. Richmond's property and assessment information. Bill for property taxes, flat rate and metered water services. Track parking tickets. Receive and update payments for taxes, utilities, permits, licenses, receivables and miscellaneous items.

Budget Information

This area contains the software maintenance for the Amanda Open Tax and ParkSmart software systems.

Statistical Information

- Approximately 6,000 Permits issued and tracked annually
- Approximately 11,000 business licences issued annually
- Approximately 9180 parking tickets issued using the ParkSmart system in 2001
- Approximately 82,000 properties tracked annually
- Approximately 4,350 utilities metered
- Approximately 51,300 utilities flat rate tracked annually

Total Service Requests handled in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Amanda	145	0	29	71	45	140

Average time for resolved and closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Amanda		34	118	154

Information Technology Department Budget 2002

Amanda

Budget Description	Full Description	ACCT	COST	FTE
Geoff Mah, Business Analyst		4000/351	\$ 72,287.00	1
Iryna Kirichuk, Programmer/Analyst		4000/351	\$ 66,426.00	1
Overtime		4000/351	\$ 7,590.00	
Mgr. Applications \$95,569/6		4000/351	\$ 15,928.00	0.17
Total Salary Expenditures			\$ 162,231.00	
Annual Maintenance	OpenTax and Amanda - Annual maintenance for Amanda and Open Tax provides us with fixes, upgrades and new releases of software containing new features and enhancements.	4117/351	\$ 48,000.00	
Annual Maintenance - ParkSmart	Annual maintenance for ParkSmart provides upgrades and fixes as well as maintenance for the hand-held devices (4 devices).	4117/351	\$ 20,000.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 8,000.00	
Quadrant/Maintenance	Phone support	4160/352	\$ 2,400.00	
Total Operating Expenditures			\$ 78,400.00	
Total			\$ 240,631.00	2.17

Web/Internet/ IVR/Kiosk

Maintains and manages the City web site. Includes Internet costs for data line, software maintenance and firewall/security costs. Provide city information via the web, including Leisure Information Line on IVR. Residents are able to obtain tax and utility balances, pay for parking tickets and purchase garbage tags via the Internet, IVR or Kiosk. For example, in 2001, 2038 parking tickets were paid via the Internet and IVR, compared to 3293 in person or by mail. Lawyers are able to pay for tax certificates via the Internet or IVR. The averages "hits" per month are 2,645,076.

The City website consists of approximately 3500 pages of information and links which assist in creating efficiencies for both staff and customers and in enhancing communications. The City has trained 24 individuals to be able to maintain specific areas of the website, with 14 of these individuals maintaining the accuracy of their sections on an ongoing basis.

Budget Information

This budget section includes all the security software costs, as well as its proportionate share of hardware and software maintenance costs.

Site Highlights

- Council Minutes, Agenda's and Bylaws
- City Hall Administration
- Service Directory
- Contact Lists
- Customer Feedback
- New Releases
- Calendar of Events
- Community Bulletin Board
- Property Inquiry and Tax Certificates
- Parking ticket payment
- Garbage Tag Purchasing
- Recreation Registration
- Archives
- Heritage Inventory
- Community Plan
- Information Resources and Promotions

New additions in 2002

In 2002 the City added the following to its' on line capabilities:

- "Recreation Registration" for all City Recreation and Cultural facilities.
- "Inspection Requests"
- PDF format of the City Bylaws
- Archives Map Search
- Development, rezoning and subdivision forms in PDF format.

Other additions were:

- Locations of filming occurring in Richmond
- Request to Film form in PDF format
- A bridge page for the Richmond Tall Ship Festival to assist in promoting the event.

Anticipated additions

- GIS (Geographical Information System)
- Enhancement to on-line payment system – allowing the customer the option of multiple transactions
- Tenders and Requests for Proposals
- Environmental Programs – combining information on policies, programs and issues.

Utilization Statistics

Web Folder	Hits	% of entire Web Sit Hits (External)
<i>Discover</i>	14184	14%
<i>Web news</i>	13611	14%
<i>Council</i>	8550	9%
<i>Archives</i>	7700	8%
<i>Leisure</i>	5696	6%
<i>Admin</i>	4899	5%
<i>Contacts</i>	4443	4%
<i>Parks</i>	4217	4%
<i>Emergency</i>	3832	4%
<i>Employment</i>	3769	4%
	<u>70901</u>	<u>72%</u>

Number of transactions through IVR and Internet from March 1 – May 30, 2002

March	April	May	Total
3785	3882	4538	12205

Average transaction per month 4,028.33

The numbers indicate that as more awareness is created and acknowledged by City Residents and other users, the transactions and use continually is increasing.

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Web	8	0	2	5	1	6

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Web	0	194	0	293

Information Technology Department Budget 2002

WEB

Colleen Smith, Coordinator, Customer Service Technologies.		4000/351	\$	61,166.00	
Overtime		4000/351	\$	3,795.00	1.00
		4000/351			
Mgr. Application \$95,596/6			\$	15,928.00	0.17
Total Salary Expenditures			\$	80,889.00	
Consulting		4117/351	\$	45,000.00	
Fee/Maintenance	See attached (REDMS 519908)				
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$	4,000.00	
Security - Internet software	This is an annual subscription fee for the Norton Anti-virus system for the entire City IT infrastructure. It ensures that PC's, server and emails are regularly scanned for the latest virus threats.	4117/352	\$	24,000.00	
Checkpoint (firewall)	This pays for the annual maintenance on the "firewall" security software which defends the City's internal network from attack via the internet. It is required in order for the City to protect itself from malicious hackers.	4117/352	\$	11,500.00	
VPN maint.	The City of enabling access to intend IT systems for Councillors, Administrators, Managers and staff via the internet. In order to make this access secure (private and authorized), these of Virtual Private Networking technology is employed. This maintenance fee is for the "tokens" that to provide a specialized password for which changes every two minutes. This is the only way to ensure that passwords are not copied or otherwise available to unauthorized users.	4160/352	\$	5,000.00	

Information Technology Department Budget 2002

Internet Microsoft License server	This is a license fee for running the City's Web site. Microsoft requires licensing; without this software the City would spend far greater sums on moving our web site to an open-license web site.	4117/352 \$ 1,300.00	
Sun Unix hardware maint. 1/2 \$32000 (24 x 7 parts and labour)	This is the hardware maintenance fee for service of our "firewall" system. If this system fails, all connectivity to the Internet would be lost - including the City's web site, all Email, and any access to external web sites. Therefore, a quick response to hardware problems with his system is essential. Currently the City has contracted for four-hour response time on a 9 hour x 5 day week.	4160/352 \$ 16,000.00	
20 dial up lines	This pays for incoming modem lines to the City's network. It is used by City staff, managers and administrators to retrieve Email while away from the office. It is also used by IT staff to remotely service the City's IT infrastructure.	4115/353 \$ 18,600.00	
Internet communication - Telus combs	This is the City's connection to the Internet. At 10 Megabits per second, it provides sufficient capacity for the incoming traffic to the City web servers, outgoing traffic to other web servers and incoming and outgoing Email. This is a three-year contract.	4115/353 \$ 48,000.00	
Remote dial-up		4115/353 \$ 2,000.00	
Total Operating Expenditures		\$ 175,400.00	
	Total	\$ 256,289.00	1.17

Bookit-Internet Registration System

The system has been developed as an Internet based registration and facility reservation system for the City of Richmond that allows people to search for recreation programs on the City's web site, register and pay for the programs.

The benefit is the ability to increase customer service by allowing participants to register for recreation programs 24 hours a day/ 7 days per week using the Web or Touch Tone phone), without funding additional staff positions to meet the customer service initiative. The software is also used to book all sports fields in Richmond's parks as well as Minoru Chapel.

- In 2001 12,866 programs were offered Richmond-wide.
- 71,000 registrations in 2001
- Staff in 23 facility operations uses Bookit
- 312 Internal (Staff) Users,
- 8,000 public registrations since March 2, 2002 used either the Internet or Touch Tone Phone module of Bookit

	Internet	Touch Tone	Call Centre	In Person	Total
March	1557	357	1111	4967	4967
April	1985	273	981	5598	5598
May	2052	893	1764	6779	6779
TOTALS	5594	1523	3856	17344	17344
Percentage	32%	9%	22%	100%	100%

	Internet	Touch Tone	Call Centre	In Person	Total
March	1557	357	1111	4967	4967
April	1985	273	981	5598	5598
May	2052	893	1764	6779	6779
TOTALS	5594	1523	3856	17344	17344
Percentage	32%	9%	22%	100%	100%

Total Service Requests handled in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
Bookit	509	12	38	238	221	469

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Bookit	1	15	97	69

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Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
Bookit	1	15	97	69

Information Technology Department Budget 2002

Bookit-Internet Registration System

Budget Description	Full Description	ACCT	COST	FTE
Kelly Mack, Recreation System		4000/351	\$ 66,426.00	1
Overtime		4000/351	\$ 3,795.00	
Mrg. Applications \$95,569/6		4000/351	\$ 15,928.00	0.17
Total Salary Expenditures			\$ 86,149.00	
Annual Maintenance - Bookit/IVR	Provides upgrades, new versions, 12hour - 7 day per week telephone support	4117/351	\$ 52,000.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 4,000.00	
Cell Phone		4199/353	\$ 1,080.00	
Total Operating Expenditure			\$ 57,080.00	
Total			\$ 143,229.00	1.17

GIS – Graphical Information System

This is a computer mapping system utilized to map the entire City's infrastructure, plus other geographical information. The system currently provides mapping for the Engineering infrastructure, which includes underground water, sanitary sewers, street lighting, drainage and right of way. The system also provides graphical information on planning services, which include parks, development permit areas, zoning etc. Also included is property information on ownership and taxes.

The City is currently in the process of reviewing how this information can be sold to developers and contractors on a project-by-project basis.

The City's GIS has a wide variety of data subject available, these are some:

- Cadastral Base
 - Parcels, Strata Parcels, Air Space Parcels, etc.
 - Rights of Way, UTM Survey Monuments, etc.
- Street Network
- Waterworks Infrastructure
 - Mains, Hydrants, Valves, etc.
- Sanitary Sewer Infrastructure
 - Mains, Manholes, Inspection Chambers, etc.
- Street Lighting Infrastructure
 - Lighting Poles, Conduit, Service Panels, etc.
- Drainage Infrastructure
 - Pump stations, Manholes, etc.
- Inspection Areas
- Zoning
 - Agricultural Land Reserve Boundary
 - Environmentally Sensitive Areas
 - School and Parks
- Heritage
- Parks

Budget information

This area contains the annual maintenance, which provides the City with telephone support fixes and upgrades to the ESRI's suite of software required to operate the GIS system.

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
GIS	40	1	7	21	11	44

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
GIS	34	61	197	138

Information Technology Department Budget 2002

GIS

Budget Description	Full Description	ACCT	COST	FTE
Yelena Markova, Program Analyst		4000/351	\$ 66,426.00	1
Mgr. Applications \$95,569/6		4000/351	\$ 15,928.00	0.17
Overtime		4000/351	\$ 3,795.00	
Total Salary Expenditures			\$ 86,149.00	\$ 1.17
Annual Maintenance		4117/351	\$ 71,000.00	
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 4,000.00	
Sun Unix Maintenance (24 x 7 Parts and Labour)	Server & software maintenance	4160/352	\$ 16,000.00	
			\$ 91,000.00	
Total Operating Expenditures			\$ 91,000.00	
		Total	\$ 177,149.00	1.17

Information Technology Department Budget 2002

RCMP

Maintains all City and RCMP systems for the Richmond RCMP. Includes 220 workstations, 5 servers and 14 different RCMP soft wares. Locations include the RCMP building, the YVR Airport (2 locations), the Community Policing Centres at Elmbridge, South Arm and Steveston.

Budget Information

This budget only reflects the staff involved. Maintenance and software costs are not included in this divisional breakdown.

Statistical Information

Workstations

~220 (200 RCMP and 20 City) + 100 mws's. An additional 25 computers in Elmbridge training. Note a lot of municipal staff uses federal computers as the primary or only workstation.

Users:

321 (212 members and 109 municipal)

Servers:

1 Netware 4.1 Server (DELL Power edge), 1 NT 4 Server (Compaq), 1 CIIDS Server, 1 CPIC Server, 2 Mobile WS Servers.

Peripherals:

Approx. 20 RCMP network printers (both soon to be IP and IPX), 20 to 30 personal printers and scanners, 3 Networked COR printers.

Software:

CABS - booking system (server and client), Oracle 8i (server and client), NT, Win2000, Win95, Win98, couple of Windows 3.11, CAA (crime analysis tool), CDR server and CAT client (update road information), NCDB, ROADS for our MWS's, Exhibits Tracker, CPIC, PIRS, ENTRUST, Equipment and File Tracker, GroupWise 5.5 (email) client, server and post office, Netware 4.1 and admin tools, Formflow, MS Office 97-2000, WP Office 6-2000, Ghost, Virus Scan, CIIDS, Intel Netport Manager, Netscape Navigator, Internet Explorer, Versaterm\PRIME etc.

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
RCMP	1	0	0	1	0	0

Information Technology Department Budget 2002

RCMP

Budget Description	Full Description	ACCT	COST	FTE
Ravi Ghanason, Manager RCMP Network Services		4000/352	\$ 73,200.00	1
Greg Lindenbach, Micro Computers Application Specialist		4000/352	\$ 66,427.00	1
Overtime		4000/352	\$ 6,000.00	
Mgr. Tech \$98,424/4		4000/352	\$ 24,605.00	0.25
Total Salary Expenditure			\$ 170,232.00	2.25
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 8,000.00	
Total Operating Expenditures			\$ 8,000.00	
Total			\$ 178,232.00	2.25

PeopleSoft - Financial and HR Systems

Provides support, maintenance, implementation and upgrade of the PeopleSoft Enterprise Suite of products. The products in the Enterprise Suite currently being used by the City include Financials for Education and Government (General Ledger, Purchasing, Inventory, Accounts Payable, Accounts Receivable, Billing) and HRMS for Education and Government (Human Resources, Payroll and Time & Labour). The modules planned to be implemented in Financials are Project Costing and Asset Management. The Financials product utilizes the client/server technology, and the HRMS product utilizes the Internet technology.

PeopleSoft support policy: Beginning September 2001, all currently supported PeopleSoft major and minor releases, starting with PeopleSoft 7.5x, are supported for four years from the general availability date.

Currently, the City's release 8.1 HRMS product's support will expire in March 2005, and release 7.50 Financials product's support will expire in September 2003. PeopleSoft does not provide a direct upgrade path from Financials 7.50 to the 8.4 Internet versions; it is required to apply a minor release upgrade before the expiry date prior to upgrading to release 8.4.

In the past 2 years, each major release upgrade took about 12 to 18 months from the time the product was received to the implementation using only City's internal resources. The upgrade process includes purchase, install and configure new hardware and software if required, install and configure PeopleSoft upgrade software, perform technical upgrade, perform data conversion, analyze and perform new feature set up, review and rewrite customization, perform system and user acceptance testing, perform parallel testing if required, train users and implement.

Minor release upgrade is estimated to take approximately 3 to 6 months. The process includes install and configure PeopleSoft upgrade software, perform technical upgrade, review and rewrite customization if required, perform system and user acceptance testing, train users if required and implement.

Budget Information

This budget includes the annual maintenance and support costs for the PeopleSoft software sale of products which includes all help support, fixes, patches (i.e. tax updates) and all upgrades to newer versions whether minor or major. The costs of this are based on the City's revenue and employment numbers, which determines a percentage that is applied to the cost of the product. This maintenance contract also provides us with unlimited licenses.

Total Service Requests opened in the past 6 months

	Total	Urgent	High	Medium	Low	Total Closed
PeopleSoft	216	3	39	115	59	244

Average Time for Resolved and Closed cases for the past 6 months (in hours)

	Urgent	High	Medium	Low
PeopleSoft	30	118	397	418

Information Technology Department Budget 2002

PeopleSoft - Financial and HR Systems

Description	ACCT	COST	FTE
Annie Chow, Program Analyst	4000/351	\$ 66,426.00	1
Evelyn Dawson, Business Analyst	4000/351	\$ 72,287.00	1
Loletta Lei, Business Analyst	4000/351	\$ 78,575.00	1
Overtime	4000/351	\$ 11,417.00	
Mgr. Applications \$95,569/6	4000/351	\$ 15,928.00	0.17
Total Salary Expenditures		\$ 244,633.00	3.17
Annual Maintenance	To include all fixes, patches, phone support and upgrades. This is based on City review and employee count, not licenses.	4117/351	\$ 220,000.00
Server annual maintenance		4117/353	\$ 5,000.00
Training	Technical training required for position to maintain prerequisite level to perform tasks.	4141/352	\$ 12,000.00
Merant Canada-Cobol compiler - required to install new PeopleSoft upgrades and patches - compiles Cobol programs		4117/353	\$ 1,100.00
IDM - UltraEdit text editor - used to edit/compare programs and scripts		4117/353	\$ 492.00
Total Operating Expenditures		\$ 238,592.00	
	Total	\$ 483,225.00	3.17

Information Technology Department Budget 2002

Additional Levels

Description	ACCT	COST
Additional level for software		\$200,000.00
3d Studio v12		\$ 3,750.00
AutoCAD / AutoCAD LT		\$ 31,250.00
CorelDraw		\$ 3,375.00
Adobe Illustrator		\$ 3,000.00
In-Design		\$ 500.00
MS FrontPage		\$ 4,000.00
MS Office Std Edition (See Note 1)		\$ 70,222.22
MS Project		\$ 5,866.67
MS Publisher		\$ 2,400.00
MS Access		\$ 4,000.00
PageMaker		\$ 2,500.00
Photoshop		\$ 9,000.00
PK WinZip		\$ 2,000.00
MS Visio		\$ 4,875.00
PC Operating System (See Note 2)		<u>\$ 52,444.44</u>
		\$ 199,183.33

City of Richmond Listing of Computer Applications

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
Amanda		This is the city's integrated corporate system to manage property-based information and activities. Using common property and people (e.g. owners, contractors), permits, inspections, development applications and business licences are managed with user-defined fees, processes, business rules, forms, etc. BC Assessment data is available for inquiry. Properties are linked with the Geographic Information System for analysis and data sharing. The city's tax and utilities system is resident on Amanda, and shares the property, people and assessment information. Word-processing, spreadsheets, imaging (linking to images stored in REDMS), remote inspections, a direct GIS link and Web-enabling are some of the technologies under deployment.	Urban Development		Geoff Mah	
Archives Description of Holdings Database (an InMagic Database)		The Archives maintains a database that describes all records held for staff and public access. A simplified version of this database is available on the City web site, under the Archives Section called "All Media Search". Custom searches on the parent database can be performed by Archives staff for researchers that will produce a variety of reports pointing the user to specific files, maps or photographs of relevance to their research request.				
Bookit		The City is embarking on a new computerised registration system for its Recreation and Cultural Services facilities. This new system is being designed as one of the City's customer service initiatives. It will provide the public with more options and more convenient methods to register for recreational programs. When the entire project is completed, the public will be able to register for programs in several ways; traditional walk-in, phone-in, touch-tone phone registration, Internet and at a kiosk at convenient locations.	Community Services			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
Budget		To create Corporate Budgets	Corporate Clerks			
Bylaws Database		The Bylaws Database is used for tracking and retrieving bylaw information. The database records vital bylaw information, tracks the progress of bylaws through the Council process, and is a tool to index, research and retrieve bylaws. The database makes bylaw information more accessible and facilitates bylaw research.				
Claims & Litigation		This program was written specifically for the Law Department for the purposes of tracking claims against the City, litigation commenced against the City, and as well potential claims that are received. This program provides the current status of each file, the type of each claim/law suit and can generate monthly and yearly financial reports as to how much the City pays out on claims and litigation files and as well can generate a monthly report showing all claims and litigation files that are received in a given month.	Law			
Council Referrals		A system to track referrals made as the result of action taken at Council and Standing Committee meetings, which require further action by Council. In addition, it serves as a tool for monitoring correspondence addressed to the Mayor & Council, which has been referred to staff for a response.	Administration			
Council Views			Administration			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
Electronic Access	IVR	<p>Interactive Voice Response System giving Richmond citizens access to city hall by touch-tone phone. Using the phone keypad to enter data, citizens receive computer-generated voice information direct from the city's computer records and can make transactions such as:</p> <ul style="list-style-type: none"> -Paying for services -Paying for parking/traffic violations -Requesting a fax of a property tax certificate -Inquiring about property tax account balances and local improvement levies -Checking into property assessment/school support -Isolating the utility account balance associated with the tax account -Inquiring about the legal description of a municipal property. 	Corporate			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
	Internet	<p>The City's award-winning web site allows the public to view:</p> <ul style="list-style-type: none"> - General information about the City, including geography, history, tourist information, maps, and the Official Community Plan; - Council information, including council agendas and minutes, bylaw information, GVRD appointments, election results, and committees; - City administration, including organisational structure, descriptions of the departments, contacts, strategic programs, mission statements, and "adoption" programs; - Services, including emergency services, cultural and recreational facilities, libraries, parks, recycling programs, permits and taxes; - News and events, including contests, job opportunities, public meetings & hearings, advisories, RCMP press releases, and community bulletins; - Web services, which allows residents to pay parking tickets, purchase garbage tags, order tax certificates, and register for community centre activities. 	Corporate			
	Kiosks	<p>Kiosks located at City hall and Libraries giving citizens access to the property, property tax & utility information, payment over Kiosks.</p> <p>To monitor and charge for False Alarms</p> <p>The Richmond Fire Department uses this Wang-based system for dispatch, incident reporting and inspections.</p> <p>Analysis of rates to be used for vehicle replacement</p> <p>Bank of Montreal MasterCard Payment Process System</p>	Corporate			
False Alarms			Finance			
Fire Systems			Fire			
Fleet Rate Model			Fleet			
Purchase Card			Purchasing	Gavin Julius	Mike McFayden	

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
G.I.S.		The Geographic Information System (GIS) is a tool for representing, analysing, modelling, and maintaining any data that has a spatial component to it. For example a property or a water main or even a dog licence has a location where a standards drawing does not. This software is also used as a bridge to none spatial data such as taxation ,ownership information or maintenance records. So you can think of GIS as the hub of a wheel with the spokes leading to other system such as property, Tax, Hansen, Fire, etc. This system can be a jumping of point for a variety of other system such as internet mapping, infrastructure modelling, field data collection, inventory tracking, vehicle tracking, etc. This is one of the rare system that is as open ended as the imagination.	Corporate			
Gasboy		Public Works fuel tracking system for all vehicles to track fuel consumption, mileage with an interface to the Hansen system to formulate our schedule maintenance in the Q2 of 2001.	Public Works			
Hansen System		Public Works – Work Order Management System for Roads, Water, Sewer, Fleet operations, Facility Management, Recycling and Parks to do work scheduling, asset management, activity tracking, customer service, preventive maintenance and performance measures. To track heritage buildings, landscapes and artifacts	Public Works			
Heritage Inventory			Urban Development			
Infrastructure Modelling			Engineering			
Leases		To track City owned based properties	Law			
Letters of Credit		To track letters of credits	Finance			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
Long Term Planning Model		<p>An application to keep track of the planning projects of the city. This system consists of 4 major functions: An application to keep track of the planning projects of the city. This system consists of 4 major functions:</p> <ol style="list-style-type: none"> 1. Capital Projects Maintenance/Inquiry 2. Land Requirement Funding Maintenance/Inquiry 3. Capital Projects Reporting 4. Land Requirement Reporting <p>This program contains info on all the planned capital projects for the next 30yrs; including dates of future construction for new city buildings, parks, roads, watermains, new technology systems, land requirements, etc.</p>	Engineering			
OpenTax		<p>The OPENTAX software provides all the functions required to administer the taxes for the City. These functions include the assessment and calculation of taxes, the printing of the tax bills, the processing of the tax payments (included discounts and HOG) and the maintaining of all individual tax transactions. The software handles all three types of taxes issued by the City: - property tax, flat rate utility tax and metered utility tax.</p> <p>The software utilizes both online and batch processing. It supplies on-screen displays of tax account data and tax transaction history. it also provides both standard and ad hoc report generation.</p> <p>The OPENTAX software is fully integrated into the Amanda system to provide property and ownership information.</p>	Finance			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
OpenView		<p>The OpenView system monitors and reports on the the state of:</p> <ul style="list-style-type: none"> -Critical applications, such as Peoplesoft -Servers, such as the Web server -Databases, such as Oracle -Security systems -Network equipment <p>These systems send "event" notices to the OpenView system. Examples of events include:</p> <ul style="list-style-type: none"> -A user logs on to a system -A program crashes -A database becomes too full of data -An entire server crashes <p>When these events occur, the OpenView system can:</p> <ul style="list-style-type: none"> -Send an urgent notice to the Help Desk -Automatically reboot a server -Automatically restart a program -Lock out a logon account which is under attack -etc. 	Information Technology			
ParkSmart		<p>The system administers parking tickets. Tickets are issued via the handheld units which are uploaded to the main processing system at the end of the day. The main processing system deals with ticket entry/maintenance, ticket payments, ICBC procedures, court procedures, issuance of warnings and summonses, daily update of the Cash and IVR systems, export to and from the collection agency inquiries for parking ticket information.</p>	Urban Development			
Park Partnership Programs						
Paving						
Personal Productivity	Word	This is the Microsoft word processing application, which is integrated into REDMS (qv).	Corporate			
	Excel	This is the Microsoft spreadsheet application, which is integrated into REDMS (qv).	Corporate			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
	Powerpoint	This is the Microsoft presentation graphics application, which is integrated into REDMS (qv).	Corporate			
	Outlook	Collaborative email, calendar & personal information management system. Used to: -Send E-mail internally and through the Internet -Schedule appointments and book facilities (e.g. meeting rooms) -Check another persons (or facility's) appointment schedule -Send automatic "out of office" responses to E-mail senders -Keep track of tasks and assign them to others with due dates and progress updates -Maintain contact lists; and route forms throughout the organisation.	Corporate			
	Access		Corporate			
	PageMaker		Corporate			
	Corel Draw		Corporate			
	Front Page		Corporate			
	3d Studio V12		Corporate			
	Autocad		Corporate			
	Adobe Illustrator		Corporate			
	In-Design		Corporate			
	Project	This is the Microsoft project management application	Corporate			
	Publisher		Corporate			
	Photoshop		Corporate			
	Winzip					
	Visio					
PeopleSoft Financials	Accounts Payable		Corporate Finance			
	Accounts Receivable		Finance			

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
	Billings		Finance			
	General Ledger		Finance			
	Inventory		Finance			
	Purchasing		Finance			
PeopleSoft HR/Payroll	HRMS		Human Resources Payroll			
	Time and Labour					
Quadrant Cash System		It is a PC based cash receipt system. There are about 6 cashier stations. It has its own database and is used for collecting payment for tax, water, parking, permits on meter water at Front House, or as batches. Interface with PeopleSoft and cash payment database.	Corporate			
Remedy		Remedy is the application which tracks and manages calls to the Help Desk. It has several important functions: <ul style="list-style-type: none"> -Calls received by the Help Desk are logged -Problem dispatch ("trouble tickets") to the most appropriate service person -Service people enter progress reports for each problem -Escalation (notification notices) sent to management when calls are not responded to -Progress reports to requestor or Help Desk -Notification sent to requestors when problems are resolved -Statistical reports to management 	Corporate	Ray Cordoni	Rajpal Nanray	

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
Richmond Enterprise Document Management System (REDMS)	PC Docs	REDMS is a document management system used for managing, controlling, and sharing corporate information and records stored in electronic format. REDMS has an imaging system component that is utilized to create electronic documents from those that are currently stored using non-electronic media; the system is increasingly being used as a workflow management system. MS Word 97, MS Excel 97, MS PowerPoint 97, and Docs Imaging are currently integrated with REDMS. Developed by Hummingbird/PCDocs Inc., the City specifically uses the Docs Open product.	Corporate	John Lindberg	Grant Bateman	
SCADA	Docs RM	Supervisory Control and Data Acquisition (SCADA) is an alarm monitoring system to allow operation staff to monitor the status on 180 pump stations throughout the island at storm drainage stations, sanitary stations on high sewage alerts, water pressure alert from Richmond and GVRD stations, pavement temperature warning to sand & salt city streets and river level monitoring during high runoff season.	Corporate		Grant Bateman	
Subsidy		Subsidy is a database program to track and provide subsidy amounts to citizens of Richmond for their participation in recreational activities and recipients of the Working Poor Fund.				
Tax Sales		To track properties eligible for sale due to default of taxes	Law			
Traffic Telephone Systems	OTM		Corporate	Angela Deer		
	Knowledge ???		Corporate	Angela Deer		

Application Group	Application Name	Application Description	Main Users	Primary Contact	Technical Contact	No. of Licenses
Voters List		It is an application designed to maintain the voters master list for Richmond and process the voters master records to generate the voting division based on the voter's address. This system generates various reports required by the City Clerk Office, such as List of Voters, Number of Voters Per Voting Division, etc. The Final List of Voters is then sent to the printing company which generates the voter's registration cards.	Clerks			
Water Sampling		To track water quality	Water			

CITYHALL1	A1 Hall	Win2K SP2	(v2000) Softchoice-180111/21-2001(462843)	HP Netserver	Basic Business/On-Line Finance	LH16000	P3-X700-X2	2304	9 GB x 2	SK-NET-GE-SX-1000	QLA-2200E		Civ/Departmental Data, File & CC Apps	US03814390
INQUIRY	A2 Hall	Win2K SP2	(v2000) Basic Business/On-Line Finance-725-10286(5/5) (Not in DOCS)	HP Netserver	HP Netserver	LPI	P3-850	832	18 GB x 2	3C905C-TX-10/100		SOL-2000 Internet	GIS Website	US03811789
CITYWEB1	A3 Hall	Win2K SP2	(v2000) Basic Business/On-Line Finance-725-10286(5/5) (Not in DOCS)	HP Netserver	HP Netserver	LPI	P3-850	832	18 GB x 2	HP-10/100-TX			Civ Website	US03811771
CITYWEB2	A4 Hall	Win2K SP2	(v2000) Basic Business/On-Line Finance-725-10286(4/5) (Not in DOCS)	HP Netserver	HP Netserver	LPI	P3-850	832	18 GB x 2	HP-10/100-TX			Civ Website	US03811395
INTRANET	A5 Hall	Win2K SP2	(v2000) Basic Business/On-Line Finance-725-10286(2/5) (Not in DOCS)	HP Netserver	HP Netserver	LPI	P3-850	832	18 GB x 2	3C905C-TX-10/100			Intranet Web site development	US03811394
WEBMAIL	A6 Hall	Win2K SP2	(v2000) Basic Business/On-Line Finance-735-10286(1/5) (Not in DOCS)	HP Netserver	HP Netserver	LPI	P3-850	832	18 GB x 2	HP-10/100-TX			Out Web Mail	US03811396
CITYFAX	A8 Hall	Win2K SP2	(v2000) Softchoice-18784(4/9)-2001(512948) (v4) Software House International-120633(1/2)-17688(1/2)-2001(462843)	HP Netserver	HP Netserver	LX Pro	PE-200-X2	512	2 GB x 6 4.1 GB x 8	3C905C-TX			Fax	SG70202008
CITYDC1	B1 Hall	Win2K SP2	(v2000) Softchoice-17688(1/2)-2001(462843)	HP Netserver	EDS/On-Line Finance	LC2000r	P3-1000	1152	38 GB x 2	SK-NET-GE-SX-1000			Win2K Domain Controller	US12119806
CITYDC2	B2 Hall	Win2K SP2	(v2000) Softchoice-17688(2/2)-2001(462843)	HP Netserver	EDS/On-Line Finance	LC2000r	P3-1000	1152	38 GB x 2	SK-NET-GE-SX-1000			Win2K Domain Controller	US12119805
CITYPBX	B3 Hall	Win2K SP1	(v2000) Softchoice-18784(4/9)-2001(512948) (v3.51) Egghouse-115359-1996 (Not in DOCS)	HP Netserver	EDS-11524-2001(7777)	LC2000r	P3-1000	1152	18 GB x 2	3C905C-TX-10/100			Tel PBX Server	US12120088
CITYVR1	B4 Hall	Win2K SP1	(v2000) Softchoice-180113(3/5)-2001(462843) (v4) Island Key-13703-2000(187533)	HP Netserver	Basic Business-17953-2001(7777)	LC2000r	P3-1000	1152	38 GB x 2	HP-10/100-TX	CEI/200 Fax D/240 PCH-II		IVR Production #1	US11915888
CITYVR2	B5 Hall	Win2K SP1	(v2000) Softchoice-180114(5/5)-2001(462843) (v4) TLD-9767-1998(122341)	HP Netserver	Basic Business-17953-2001(7777)	LC2000r	P3-1000	1152	38 GB x 2	HP-10/100-TX	CEI/200 Fax D/240 PCH-II		IVR Production #2	US11915891
CITYHALL7	B9 Hall	Win2K SP2	(v2000) Softchoice-15732(2/2)-2001(288218)	HP Netserver		LX Pro	PE-200-X4	512	9 GB x 12	SK-NET-GE-SX-1000		SOL-7.0	Remedy	SG695000327
WEB3	C1 Hall	Win2K SP1	(v2000) Island Key-12615-2000(159727)	HP Netserver	Island Key-13703-2000(187533)	LPI	P3-800	1048	38 GB x 2	3C905C-TX-10/100		SOL-2000 Internet	Civ web site SOL	US0310005

TROJAN	C3 Hall	Win2K SP2	(v2000ug) Softchoice-18784(2/9)-2001(512949) (BO 4.0) Softchoice-7229(1/3)-1999(84513)	HP Netserver	Island Key-10475-1999(129678)	LPr	P3-500	578	18 GB x 2	3C9056-TX-10/100				Desktop Admin Norton	US94401429
BOOKITWEB1	C4 Hall	Win2K SP2	(v2000ug) Softchoice-18784(6/9)-2001(512949) (v4) Island Key-10475(2/3)-1999(129678)	HP Netserver	Island Key-10475-1999(129678)	LPr	P3-500	320	18 GB x 2	3C9056-TX-10/100				Bookit Webserver	SG939301196
BOOKITWEB2	C5 Hall	Win2K SP2	(v2000ug) Softchoice-18784(5/9)-2001(512949) (v4) Island Key-10475(3/3)-1999(129678)	HP Netserver	Island Key-10475-1999(129678)	LPr	P3-500	320	18 GB x 2	3C9056-TX-10/100				Bookit Webserver	US94401346
MAILSRV1	C7 Hall	Win2K EE SP2	(v2000 EE) Softchoice-18784(1/2)-2001(512949) (Not In Dns)	HP Netserver	Island Key-10475-1999(129678)	LH8000	P3-X700-X3	3481	18 GB x 8	SK-NET-GE-SX-1000	Exchange EE-2K			New Mail Cluster	US14541333
WEBMAIL2	C8 Hall	Win2K SP2	(v2000 EE) Softchoice-18784(1/2)-2001(512949) (Not In Dns)	HP Netserver	Island Key-10475-1999(129678)	LC2000P	P3-1000 x 2	3200	18 GB x 2	HP-10/100-TX	Exchange EE-2K			New Web Mail	US13440597
CITYHALL8	C9 Hall	Win2K SP2	(v2000) Softchoice-18784(1/2)-2001(512949)	HP Netserver	Island Key-10475-1999(129678)	LC2000P	P3-1000 x 2	3200	18 GB x 8	SK-NET-GE-SX-1000				Fire Userhome CC Userhome	US13440594
MAILSRV2	C99 Hall	Win2K EE SP2	(v2000 EE) Softchoice-18784(1/2)-2001(512949) (Not In Dns)	HP Netserver	Island Key-10475-1999(129678)	LH8000	P3-X700 x 2	3481	18 GB x 8	SK-NET-GE-SX-1000	Exchange EE-2K			New Mail Cluster	US14340864
BOOKITSQL1	D1 Hall	Win2K EE SP2	(v2000 EE) Softchoice-17993(1/2)-2001(462674) (BO 4.0) Softchoice-7229(2/3)-1999(84513)	HP Netserver	Island Key-10475-1999(129678)	LH4r	P3-550 x 2	1024	9 GB x 11	SK-NET-GE-SX-1000	SQL EE 2000			Bookit SQL Cluster	US94901184
BOOKITSQL2	D2 Hall	Win2K EE SP2	(v2000 EE) Softchoice-17993(2/2)-2001(462674) (BO 4.0) Softchoice-7229(3/3)-1999(84513)	HP Netserver	Island Key-10475-1999(129678)	LH4r	P3-550 x 2	1024	9 GB x 11	SK-NET-GE-SX-1000	SQL EE 2000			Bookit SQL Cluster	US94901178
CITYMAIL	D3 Hall	NT4 EE SP0	(v2000 EE ug) Softchoice-18828(1/2)-2001(565506) (v4ee) Island Key-10475(1/2)-1999(129678)	HP Netserver	Island Key-10475-1999(129678)	LX-8000	PE-X450 x 4	2048	4.1 GB x 2 18 GB x 3	3C9056-TX-10/100	Exchange 5.5			Out Exchange	N/A
CITYMAIL2	D9 Hall	NT4 EE SP0	(v2000 EE ug) Softchoice-18828(2/2)-2001(565506) (v4ee) Island Key-10475(2/2)-1999(129678)	HP Netserver	Island Key-10475-1999(129678)	LX-PTD	PP-200 x 4	512	4.1 GB x 2 18 GB x 8	3C9056-TX-10/100	Exchange 5.5			Old Exchange Database	SG69500155
PRINT	F4 Hall	Win2K SP2	(v2000ug) Softchoice-18784(3/9)-2001(512949) (v4) Software House International-12943(2/2)-1997(64507)	HP Netserver	Island Key-10475-1999(129678)	LC2000	P3-1000	1152	36 GB x 2	SK-NET-GE-SX-1000				Hall Printers	US95111481
CITYHALL2	F9 Hall	NT4 SP0	(v2000) Softchoice-18784(2/2)-2001(512949)	HP Netserver	Island Key-10475-1999(129678)	LX-PTD	PP-200 x 2	512	4.1 GB x 12 18 GB x 2	3C9056-TX-10/100-TX				Not In Use	SG4700176
AMANDA VR	G4 Hall	Win2K SP2	(v2000) Softchoice-18784(2/2)-2001(512949)	HP Netserver	Island Key-10475-1999(129678)	LC2000	P3-1000	1179	18 GB x 2	HP-10/100-TX				VR for Amanda	US20441063
DOCS TEST	G5 Hall	Win2K SP2	(v2000) Softchoice-17992-2001(459916)	HP Netserver	Island Key-10475-1999(129678)	LX-PTD	PP-200 x 2	1024	4.1 GB x 12	3C9056-TX-10/100	SQL 2000			Test DOCS server	SG70202033
ALTRIS	G9 Hall	Win2K SP2	(v2000) Softchoice-1801(1/2)-2001(462643)	HP Netserver	Island Key-10475-1999(129678)	LX-PTD	PP-200 x 2	512	4.1 GB x 2 9 GB x 10	3C985-1000				Altris Server	SG70202013
XRU	H1 Hall	Win2K-PRO SP2	(v2000 Professional)	Compaq Compaq	Island Key-10475-1999(129678)	Desktop Desktop EN	P3	512	9GB x 1	3C9056-TX				Not In Use	6104DY5Z0662
VPOVPS	H3 Hall	Win2K-PRO SP2	(v2000 Professional)	Compaq Compaq	Island Key-10475-1999(129678)	Desktop Desktop EN	P3-733	512	9GB x 1	3C9056-TX				HPOV web site monitor	9051FR6Z810

CITYHALL4	H5 Hall	Win2K SP2	(v2000ug) Softchoice-1801(11/15)-2001(482943) (v4) Software Spectrum-121431(1/2)-1997(14423)	HP Netserver	Basic BusinessIO In-Line Finance	LH6000r	P3-X700-X2	2304	9 GB x 2	SK-9843-SX-1000	OLA-2200F					
CITYHALL3	H6 Hall	Win2K SP2	(v2000ug) Softchoice-1801(11/15)-2001(482943) (v4) Island Key-10475(1/3)-1999(129678)	HP Netserver		LH6000r	P3-X700-X2	2304	9 GB x 4 36 GB x 2	SK-NET GE-SX-1000		SOL Server 7.0	(v2000 ug Local Softchoice-188311/13)-2001(518439) (v7) Island Key-10475-1999(129678)	PCDOCS-SOL	US11336904	
SECURITY1	H7 Hall	Win2K SP2	(v2000) Softchoice-16821(2/2)-2001(341687)	HP Netserver	Island Key-16598-2001(17777)	LC2000r	P3-1000	1152	36 GB x 2	3C985C-TX-10/100		SOL Server 7.0	(v2000 Local Softchoice-188311/13)-2001(518439)	Building Security	US11030156	
CITYHALL6	H8 Hall	Win2K SP2	(v2000ug) Softchoice-1801(11/15)-2001(482943) (v4) Software Spectrum-121431(1/2)-1997(14423)	HP Netserver		LH6000r	P3-X700-X2		9 GB x 2	SK-9843-SX-1000	OLA-2100F			Hall Usrhome Hall Ages	US11336906	
HPWEB CONSOLE PSHRWEB1	I1 Hall	Win2K	(v95)	Compaq	GE Card/IO- Line Finance/2 5-10715	Desktop	P3	2176	36 GB x 2	1000r SK-NET GE-SX-1000				Consoles for HP/UX Servers PeopleSoft Report Server	68208Y2L093 US04740798	
PRAXIS	M6 Hall	Win2K SP1	(v2000ug) Softchoice-1876(9/9)-2001(512949) (v4) InfoSpec Systems-8830-1999(122576)	HP Netserver		LHr	P3-500	512	9 GB x 2	3C985B-TX-10/100				PCDOCS-Archive	US94500390	
CITYHALL5	N9 Hall	Win2K SP1	(v2000ug) Softchoice-1876(9/9)-2001(512949) (v4) Optima-CREDITCARD-1999	HP Netserver		LX Pro	PP-200-X2	512	4.1 GB x 12	3C985C-10/100				To Be Retired Old Scanners Terminal Server	US74402087 US11812450	
TERMINAL	O1 Hall	Win2K SP1	(v2000) Softchoice-16821(1/2)-2001(341687)	HP Netserver	Basic Business-179531(1/3)-2001(46234)	LC2000r	P3-1000	2176	36 GB x 2	SK-NET GE-SX-1000		Term.Svr 2000	(v2000 CAL x 201 Softchoice-17994- 2001(46234)			
XNU	O6 Hall	Win2K SP1	(v2000) Softchoice-16821(1/2)-2001(341687)	HP Netserver	Basic Business-18287-2001(17777)	LX Pro	PP-200-X2	512	4.1 GB x 12					Not in Use	US82002082	
ECOM1	O6 Hall	Win2K SP1	(v2000) Softchoice-16821(1/2)-2001(341687)	HP Netserver	Basic Business-18287-2001(17777)	LPr	P3-800	576	18 GB x 2	3C985C-TX-10/100		SOL 2000 Internet	(v2000 Local Softchoice-188311/13)-2001(518439)	E-Com	US04843310	
WORKS	Yard	Win2K SP2	(v2000ug) Softchoice-1876(1/9)-2001(512949) (v4)ug Software House International-120825-1997(28106) (v3.5.1) Epoch-1171(86-1996 (Not in DOCS))	HP Netserver		LX Pro	PP-200-X2	512		3C-ATM				Yard Usrhome Yard Ages	US04434304	
WORKS2	Yard	Win2K SP2	(v2000) Softchoice-15732(1/2)-2001(26216)	HP Netserver	EDS-17085-2001 (2777)	LH6000r	P3-X700	2304	9 GB x 2 36 GB x 8	SK-NET GE-SX-1000				Gasbox	US04434304	
WORKSDC1	Yard	Win2K SP2	(v2000) Softchoice-15732(1/2)-2001(26216)	HP Netserver	Island Key-10475-1999(129678)	LPr	P3-500	320	4 GB x 2	SK-NET GE-SX-1000				Win2K Domain Controller	US94401351	
CITRIX CITYHALL(O) ISTEST(O)	ZZ Hall ZZ Hall ZZ Hall			HP Netserver HP Netserver HP Netserver		LH Pro LX Pro LH Pro	PE-200 PE-200 PE-200							Not in Use Spare Parts Not in Use	SG6500313 US74400819 US74902251	

Equipment Summary

Desktops/Laptops 1285

Printers/Scanners 203

1488

Plus 83 PDA's

**Computer Equipment Summary
Desktops**

computer_name	os	proc_sp eed	manuf
aceipaq	Windows Pocket PC 2002		Compaq
ADM1000647	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1000822	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1000879	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1001012	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
ADM1001013	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
ADM1001056	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1001199	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
ADM1001340	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
ADM1001345	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1001352	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1001380	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ADM1001730	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1001749	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ADM1001780	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ADM1001995	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM1002055	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ADM1002057	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ADM1002058	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ADM1002059	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ADM1002079	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	1600	Compaq
ADM1002122	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
ADM1002185	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
ADM1002196	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
ADM2000829	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM2000895	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
ADM2000908	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM2000912	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
ADM2001048	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ADM2001375	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ADM2001452	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
ADM2001840	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ADM2002054	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ADM2002056	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ADM2002186	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
ADM2002195	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
ADM2002199	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
AQUA000591	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AQUA001152	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AQUA001348	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AQUA001395	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
AQUA001504	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AQUA001518	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ARCH001308	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AREN001325	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AREN001328	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
AREN001337	Windows 95 4.0.1212	266	Compaq
AREN001421	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ARTS001783	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ARTT000277	Windows 95 4.0.1212	400	Compaq
ARTT000278	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ARTT000934	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ARTT000935	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
ARTT001126	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
ARTT001373	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ARTT001376	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
ARTT001831	Windows 95 4.0.1212	733	Compaq
ARTT002075	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ARTT002078	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq

**Computer Equipment Summary
Desktops**

computer_name	os	proc_speed	manuf
ARTT002161	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
BOOKIT000195	Windows 95 4.0.1212	333	Compaq
BOOKIT000371	Windows 95 4.0.1212	340	Compaq
BOOKIT000681	Windows 95 4.0.1212	333	Compaq
BOOKIT000683	Windows 95 4.0.1212	350	Compaq
BOOKIT000687	Windows 95 4.0.1212	333	Compaq
BOOKIT001232	Windows 95 4.0.1212	350	Compaq
BOOKIT001524	Windows 95 4.0.1212	300	Compaq
BOOKIT001971	Windows 95 4.0.1212	266	Compaq
BRIT001743	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
BRIT001961	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
CAM012	Windows 95 4.0.1212	311	Compaq
CAMB000293	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB000504	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB000642	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB000904	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB001091	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB001360	Windows 95 4.0.1212	75	Compaq
CAMB001424	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB001425	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB001427	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB001428	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CAMB001433	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CARP002188	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CASH01	Windows 95 4.0.950	100	Compaq
CIVC000860	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
CIVC000920	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC000926	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
CIVC000994	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC001105	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC001187	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC001191	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC001378	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
CIVC001383	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
CIVC001801	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
CIVC001897	Windows 2000 Professional 5.0 (Build 2195:)	1000	Compaq
CIVC001898	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
CIVC001962	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
CIVC002019	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
CIVC002032	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC002037	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CIVC002189	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CIVC002191	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CIVC002215	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1699	Compaq
CIVC002216	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1699	Compaq
CLAS002134	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002147	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002168	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002169	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002170	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002171	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002172	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002173	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002174	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002175	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002176	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002177	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLAS002178	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
CLT007	Windows 95 4.0.950	233	Compaq

Computer Equipment Summary Desktops

computer_name	os	proc_sp	
		eed	manuf
COMM000244	Windows 95 4.0.1212	166	Compaq
COMM000390	Windows 95 4.0.1212	266	Compaq
COMM000392	Windows 95 4.0.1212	266	Compaq
COMM000399	Windows 95 4.0.1212	266	Compaq
COMM000403	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
COMM000651	Windows 95 4.0.1212	260	Compaq
COMM000744	Windows 95 4.0.1212	233	Compaq
COMM001284	Windows 95 4.0.1212	266	Compaq
COMM001288	Windows 95 4.0.1212	266	Compaq
COMM001290	Windows 95 4.0.1212	266	Compaq
COMM001292	Windows 95 4.0.1212	400	Compaq
COMM001315	Windows 95 4.0.1212	266	Compaq
COMM001316	Windows 95 4.0.1212	75	Compaq
COMM001318	Windows 95 4.0.1212	75	Compaq
COMM001333	Windows 95 4.0.1212	166	Compaq
COMM001394	Windows 95 4.0.1212	733	Compaq
COMM001434	Windows 95 4.0.1212	80	Compaq
COMM001523	Windows 95 4.0.1212	240	Compaq
COMM001739	Windows 95 4.0.1212	166	Compaq
COMM001775	Windows 95 4.0.1212	400	Compaq
COMM9	Windows 95 4.0.1212	400	Compaq
CULT000395	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CULT001391	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
CULT001510	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CULT001512	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CULT001514	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
CULT001515	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
DEBECK002149	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
DEBECK002153	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
ELEC002218	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
ENGINEERING	Windows 98 4.10.2222	450	Compaq
FIR1000974	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
FIR1001342	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
FIR1001344	Windows 95 4.0.1212	266	Compaq
FIR1001356	Windows 95 4.0.1212	400	Compaq
FIR1001357	Windows 95 4.0.1111	233	Compaq
FIR1001362	Windows 95 4.0.1212	233	Compaq
FIR1001365	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
FIR1001368	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
FIR1001405	Windows 95 4.0.1212	266	Compaq
FIR1001893	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
FIR1002146	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
FIR1002180	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
FIR1002193	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
FIR1002226	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
FIR6001281	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
FIRE000126	Windows 95 4.0.1212	400	Compaq
FIRE000380	Windows 95 4.0.1212	266	Compaq
FIRE001349	Windows 95 4.0.1212	100	Compaq
FIRE001538	Windows 95 4.0.1212	266	Compaq
FIRE001768	Windows 95 4.0.1212	233	Compaq
FIRE002163	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
FIREHALL2	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq
FIREHALL3	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq
FIREHALL4	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq
FIREHALL5	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq
FIREHALL6	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq
FIREHALL7	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq
FIREHALL8	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	266	Compaq

**Computer Equipment Summary
Desktops**

computer_name	os	proc_sp	
		eed	manuf
FITN000943	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
FITN001390	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
FITN001653	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
GALL000502	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
GALL000870	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
GALL001533	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
GALL001997	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
GARG000617	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
GARG001870	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
GEOR002240	Windows 98 4.10.2222	400	Compaq
GIS4001834	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
GIS4001867	Windows 95 4.0.1212	733	Compaq
GIS4001871	Windows 95 4.0.1212	740	Compaq
GIS4001872	Windows 95 4.0.1212	733	Compaq
GIS4001875	Windows 95 4.0.1212	733	Compaq
GIS4001882	Windows 95 4.0.1212	866	Compaq
GIS4001885	Windows 95 4.0.1212	866	Compaq
GIS4001891	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL1000187	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000301	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000337	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000375	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000419	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000749	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000781	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000785	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000797	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1000931	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1000942	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1000966	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1000975	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1000981	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1001065	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1001092	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1001186	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1001190	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1001311	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1001359	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL1001382	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL1001496	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1001534	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1001621	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1001622	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1001706	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL1001762	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL1001822	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL1001827	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL1001846	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL1001866	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL1002083	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL1002087	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002089	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002100	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002104	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002110	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002111	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002112	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002113	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL1002115	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq

Computer Equipment Summary Desktops

computer_name	os	proc_sp	
		eed	manuf
HAL2002203	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL2002204	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL2002206	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL3000568	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL3000707	Windows 95 4.0.1212	240	Compaq
HAL3000717	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL3000859	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000865	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000866	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3000867	Windows 95 4.0.1212	611	Compaq
HAL3000869	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3000925	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000927	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000928	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000930	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000933	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000940	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000941	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000979	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3000984	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001123	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001227	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001377	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001410	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001411	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001412	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001413	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001414	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001416	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001438	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001439	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001441	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001442	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001443	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001443	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001445	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001446	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001458	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL3001460	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001461	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001462	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001463	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001464	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL3001478	Windows 95 4.0.1212	233	Compaq
HAL3001668	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001708	Windows 95 4.0.1212	233	Compaq
HAL3001708	Windows 95 4.0.1212	233	Compaq
HAL3001798	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL3001895	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL3002033	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL3002047	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL3002120	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL3002212	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL3002222	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL3002227	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
HAL4000143	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4000291	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
HAL4000400	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL4000643	Windows 98 4.10.2222	300	Compaq

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computer_name	os	proc_sp	
		eed	manuf
HAL4000739	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL4000839	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
HAL4001016	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL4001230	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	800	Compaq
HAL4001235	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL4001239	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL4001347	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL4001381	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
HAL4001384	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001387	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
HAL4001388	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
HAL4001389	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
HAL4001392	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001396	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
HAL4001396	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001397	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001399	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001400	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001401	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001404	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001406	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
HAL4001415	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001495	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL4001498	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL4001832	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001839	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001859	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL4001923	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL4001969	Windows 2000 Professional 5.0 (Build 2195:)	1680	Compaq
HAL4002051	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL4002053	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL4002080	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL4002141	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL4002142	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL4002162	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1500	Compaq
HAL4002164	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
HAL5000334	Windows 95 4.0.1212	400	Compaq
HAL5000527	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5000548	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5000608	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5000883	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
HAL5000885	Windows 95 4.0.1212	466	Compaq
HAL5000944	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL5001064	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5001087	Windows 95 4.0.1212	400	Compaq
HAL5001088	Windows 95 4.0.1212	411	Compaq
HAL5001090	Windows 95 4.0.1212	400	Compaq
HAL5001109	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5001110	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	450	Compaq
HAL5001111	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL5001164	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	650	Compaq
HAL5001182	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	600	Compaq
HAL5001531	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5001535	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL5001555	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL5001565	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL5001586	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL5001636	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL5001702	Windows 95 4.0.1212	550	Compaq

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computer_name	os	proc_sp	
		eed	manuf
HAL6002129	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL6002131	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL6002136	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL6002137	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL6002155	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL6002183	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7000282	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7000303	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7000619	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7000795	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7000810	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7000873	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7000965	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL7000985	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL7000986	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL7001134	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HAL7001140	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7001149	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7001229	Windows 95 4.0.1212	733	Compaq
HAL7001494	Windows 95 4.0.1212	625	Compaq
HAL7001552	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7001553	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001614	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7001663	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001776	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001777	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001778	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001781	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001782	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001813	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HAL7001858	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001861	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001862	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001863	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001864	Windows 95 4.0.1212	866	Compaq
HAL7001865	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001880	Windows 95 4.0.1212	866	Compaq
HAL7001894	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7001965	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HAL7002062	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
HAL7002082	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HAL7002092	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002093	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002097	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002102	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002106	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAL7002117	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002118	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002119	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002124	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002145	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HAL7002200	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
HALL000111	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HALL000145	Windows 95 4.0.1212	233	Compaq
HALL000151	Windows 95 4.0.1212	350	Compaq
HALL000153	Windows 95 4.0.1212	333	Compaq
HALL000156	Windows 95 4.0.1212	350	Compaq
HALL000165	Windows 95 4.0.1212	166	Compaq
HALL000170	Windows 95 4.0.1212	400	Compaq

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computer_name	os	proc_sp	
		eed	manuf
HALL000250	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HALL000265	Windows 95 4.0.1212	233	Compaq
HALL000267	Windows 95 4.0.1212	233	Compaq
HALL000305	Windows 95 4.0.1212	200	Compaq
HALL000313	Windows 95 4.0.1212	175	Compaq
HALL000321	Windows 95 4.0.1212	233	Compaq
HALL000323	Windows 95 4.0.1212	233	Compaq
HALL000369	Windows 95 4.0.1212	333	Compaq
HALL000387	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HALL000525	Windows 98 4.10.2222	333	Compaq
HALL000531	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HALL000535	Windows 95 4.0.1212	400	Compaq
HALL000589	Windows 95 4.0.1212	400	Compaq
HALL000594	Windows 95 4.0.1212	307	Compaq
HALL000646	Windows 95 4.0.1212	180	Compaq
HALL000650	Windows 95 4.0.1212	186	Compaq
HALL000711	Windows 95 4.0.1212	233	Compaq
HALL000716	Windows 95 4.0.1212	166	Compaq
HALL000776	Windows 95 4.0.1212	100	Compaq
HALL000783	Windows 95 4.0.1212	300	Compaq
HALL000858	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HALL001001	Windows 95 4.0.1212	233	Compaq
HALL001116	Windows 95 4.0.1212	500	Compaq
HALL001136	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HALL001179	Windows 95 4.0.1212	233	Compaq
HALL001204	Windows 2000 Professional 5.0 (Build 2195:)	400	Compaq
HALL001208	Windows XP Professional 5.1 (Build 2600:)	700	TOSHIBA
HALL001209	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HALL001366	Windows 95 4.0.1212	233	Compaq
HALL001409	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HALL001418	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	266	Compaq
HALL001444	Windows 98 4.10.2222	150	Compaq
HALL001457	Windows 95 4.0.1212	233	Compaq
HALL001475	Windows 95 4.0.1212	233	Compaq
HALL001492	Windows 2000 Professional 5.0 (Build 2195:)	866	Compaq
HALL001497	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	300	Compaq
HALL001520	Windows 95 4.0.1212	266	Compaq
HALL001660	Windows 95 4.0.1212	733	Compaq
HALL001662	Windows 98 4.10.2222	300	Matsushita Electric I
HALL001664	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HALL001666	Windows 95 4.0.1212	266	Compaq
HALL001673	Windows 98 4.10.1998	300	Compaq Computer (
HALL001711	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	845	Compaq
HALL001740	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	500	Compaq
HALL001747	Windows 2000 Professional 5.0 (Build 2195:)	700	Compaq
HALL001767	Windows 98 4.10.2222	175	Compaq
HALL001770	Windows 95 4.0.1212	333	Compaq
HALL001772	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	700	Compaq
HALL001803	Windows 95 4.0.1212	733	Compaq
HALL001829	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
HALL001838	Windows 98 4.10.2222	233	Compaq
HALL001855	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HALL001860	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HALL001886	Windows 95 4.0.1212	733	Compaq
HALL00192	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	700	Compaq
HALL001956	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HALL001973	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	850	Compaq
HALL001978	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	666	Compaq
HALL001978	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq

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computer_name	os	proc_sp	
		eed	manuf
HALL001980	Windows 98 4.10.2222	500	Compaq
HALL001994	Windows 95 4.0.1111	400	Compaq
HALL002008	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HALL002048	Windows 2000 Professional 5.0 (Build 2195:)	1499	Compaq
HALL002049	Windows 2000 Professional 5.0 (Build 2195:)	1499	Compaq
HALL002060	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HALL002076	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HALL002085	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HALL002086	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	1600	Compaq
HALL002088	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	1600	Compaq
HALL002091	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	1600	Compaq
HALL002094	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HALL002099	Windows 2000 5.0 (Build 2195: Service Pack 2)	500	Compaq
HALL002139	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
HALL009999	Windows 98 4.10.2222	80	Compaq
HALL05142001	Windows 95 4.0.1212	400	Compaq
HAML001508	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
HAML001873	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME001132	Windows XP Professional 5.1 (Build 2600:)	500	Compaq
HOME001468	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	700	Compaq
HOME001469	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	700	Compaq
HOME001471	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
HOME001477	Windows 2000 Professional 5.0 (Build 2195:)	650	Compaq
HOME001661	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
HOME001669	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	266	Compaq
HOME001709	Windows 98 4.10.2222	500	Matsushita Electric I
HOME001710	Windows 2000 Professional 5.0 (Build 2195:)	650	Compaq
HOME001759	Windows 2000 Professional 5.0 (Build 2195:)	500	Compaq
HOME001799	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	750	Compaq
HOME001800	Windows 98 4.10.2222	100	Compaq
HOME001829	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
HOME001847	Windows 2000 Professional 5.0 (Build 2195:)	333	Compaq
HOME001901	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	750	Compaq
HOME001902	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	750	Compaq
HOME001952	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	750	Compaq
HOME001953	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	745	Compaq
HOME001970	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	366	Compaq
HOME001974	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	850	Compaq
HOME001979	Windows 2000 Professional 5.0 (Build 2195:)	866	Compaq
HOME001987	Windows 98 4.10.2222	233	Compaq
HOME001988	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	850	Compaq
HOME001991	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1066	Compaq
HOME002010	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	500	Compaq
HOME002011	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME002012	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME002038	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
HOME002050	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME002052	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1200	Compaq
HOME002061	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1066	Compaq
HOME002064	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
HOME002066	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	500	Compaq
HOME002067	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
HOME002068	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME002072	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME002073	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
HOME002077	Windows 98 4.10.2222	233	Compaq
HOME002101	Windows 95 4.0.1111	133	Compaq
HOME002107	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1066	Compaq
HOME002108	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq

**Computer Equipment Summary
Desktops**

computer_name	os	proc_sp	
		eed	manuf
HOME002143	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1066	Compaq
HOME002152	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1066	Compaq
HOME002165	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
HOME002166	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1066	Compaq
HOME002181	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	300	Compaq
HOME002207	Windows XP Professional 5.1 (Build 2600:)	300	Compaq
HOME002209	Windows 98 4.10.2222	500	Compaq
INSP001101	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
INSP001106	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
IS054	Windows 2000 Server 5.0 (Build 2195: Service Pack 2)	400	Compaq
KIOSK000281	Windows NT Workstation 4.0 (Build 1381: Service Pack 6)	733	Compaq
LANG000734	Windows 95 4.0.1212	233	Compaq
LANG001888	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
LANG001889	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
LANG002224	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
LIB005	Windows 95 4.0.1212	400	Compaq
LIBR001062	Windows 95 4.0.1212	233	Compaq
LIBR001996	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
METR000910	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
METR001459	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
MUSM001195	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	650	Compaq
MUSM001228	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	800	Compaq
MUSM001403	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
NATR001723	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
NATR001728	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
NETPORABLE	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	850	Compaq
PAIN001170	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK000161	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK000833	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK000905	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK000916	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK000921	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
PARK000923	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	550	Compaq
PARK000998	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK001072	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK001371	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
PARK001402	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
PARK001432	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PARK001784	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
PARK001785	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
PARK001899	Windows 2000 Professional 5.0 (Build 2195:)	1386	Compaq
PARK002014	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
PARK002015	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
PARK002016	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
PARK002040	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
PARK002074	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
PARKING	Windows 95 4.0.1212	75	Compaq
POS002230	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
POS002231	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
POS002232	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
POS002236	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
POS002237	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
POS002238	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
POS002241	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
PUMP001093	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PUMP001103	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PUMP001131	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
PUMP002184	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
RADI002192	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq

Computer Equipment Summary Desktops

computer_name	os	proc_sp eed	manuf
RADI002194	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
RCMP000102	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
RCMP000132	Windows 98 4.10.2222	400	Compaq
RCMP0001802	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
RCMP000553	Windows 95 4.0.1212	166	Compaq
RCMP000637	Windows 95 4.0.1212	300	Compaq
RCMP000644	Windows 95 4.0.1212	300	Compaq
RCMP000710	Windows 95 4.0.1212	233	Compaq
RCMP000799	Windows 95 4.0.1212	220	Compaq
RCMP000855	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
RCMP001089	Windows 95 4.0.1212	100	Compaq
RCMP001398	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
RCMP001419	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
RCMP001628	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	450	Compaq
RCMP001833	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
RCMP001842	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	366	Compaq
RCMP001989	Windows 95 4.0.1212	325	Compaq
RCMP002198	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
RCMP002213	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
RCMP020011	Windows 95 4.0.1212	166	Compaq
RIC004	Windows 95 4.0.1212	400	Compaq
RICE000150	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
RICE000413	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
RICE000907	Windows 95 4.0.1212	233	Compaq
RICE001238	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
RICE001310	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
RICE001341	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
RICE002157	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SAFE001050	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	650	Compaq
SAFE002235	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SALV001488	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM000888	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM001007	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM0012345	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM001282	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM001300	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM001374	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SARM001393	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SARM002081	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
SARM002210	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
SARM002228	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
SARM002233	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
SEA1001386	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SECURITY02	Windows 98 4.10.2222	550	Compaq
SENR001188	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SENR001279	Windows 95 4.0.1212	233	Compaq
SENR001521	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SENR001558	Windows 95 4.0.1212	266	Compaq
SENR001561	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SENR001562	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SENR001883	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
SETUP2090	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SETUP400	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	450	Compaq
SETUP40011	Windows 95 4.0.1212	233	Compaq
SETUP600	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
SPARE000106	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SPARE000240	Windows 95 4.0.1212	266	Compaq
SPARE000269	Windows 98 4.10.2222	350	Compaq
SPARE000521	Windows 98 4.10.2222	333	Compaq

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computer_name	os	proc_sp	
		eed	manuf
SPARE000616	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
SPARE000745	Windows 95 4.0.1212	266	Compaq
SPARE000787	Windows 95 4.0.1212	233	Compaq
SPARE000823	Windows 95 4.0.1212	266	Compaq
SPARE000825	Windows 95 4.0.1212	350	Compaq
SPARE000847	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SPARE000857	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SPARE000861	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SPARE000894	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
SPARE001071	Windows 95 4.0.1212	266	Compaq
SPARE001166	Windows 95 4.0.1212	266	Compaq
SPARE001296	Windows 95 4.0.1212	280	Compaq
SPARE001298	Windows 95 4.0.1212	266	Compaq
SPARE001302	Windows 95 4.0.1212	266	Compaq
SPARE001313	Windows 95 4.0.1212	292	Compaq
SPARE001334	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SPARE001451	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SPARE001500	Windows 95 4.0.1212	266	Compaq
SPARE001536	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SPARE001539	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
SPARE001541	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SPARE001817	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SPARE001819	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SPARE001864	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
SPARE001868	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
SPARE001982	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
SPARE001992	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
SPARE001993	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	550	Compaq
SPARE002063	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	333	Compaq
SPARE002098	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002103	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002109	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002133	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002144	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002156	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002158	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002167	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002187	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002190	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
SPARE002223	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
SPARE002225	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
SPARE002234	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1694	Compaq
SPARE002239	Windows 95 4.0.1212	266	Compaq
SPARE002244	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
STEV000550	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
STEV000929	Windows 95 4.0.1212	600	Compaq
STEV000932	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
STEV001055	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	450	Compaq
STEV001143	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
STEV001370	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	733	Compaq
STEV001476	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
STEV001787	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
STEV001877	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
STEV001892	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
STEV001960	Windows 95 4.0.1212	166	Compaq
STEV002096	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
STEV002105	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
STEV002148	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
STOR001218	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq

Computer Equipment Summary Desktops

computer_name	os	proc_sp	
		eed	manuf
STOR001566	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
STOR001726	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
STOR001727	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
STOR001958	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
STOR001981	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1994	Compaq
STOR001983	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	933	Compaq
SURV000992	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SURV001107	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
SURV001385	Windows 2000 Professional 5.0 (Build 2195: Service Pack 1)	733	Compaq
SURV001626	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
TESTLAB002214	Windows 2000 Server 5.0 (Build 2195: Service Pack 2)	1600	Compaq
THOM000169	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
THOM0002202	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
THOM000290	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
THOM000388	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
THOM000863	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
THOM000864	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
THOM001135	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	500	Compaq
THOM001963	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
THOM002197	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
THOM002201	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
THOM002205	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1600	Compaq
TRAF002070	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	500	Compaq
TRAF002071	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1000	Compaq
TRAF002219	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
TRAF002221	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
WEST000104	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST000877	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST001242	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST001278	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST001319	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST001490	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST001765	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WEST001874	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	866	Compaq
WMAN000331	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WMAN000393	Windows 95 4.0.1212	266	Compaq
WMAN000906	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WMAN001130	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
WMAN001587	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WMAN001823	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
WMAN002220	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	1499	Compaq
WORK000105	Windows 95 4.0.1212	233	Compaq
WORK000148	Windows 95 4.0.1212	333	Compaq
WORK000242	Windows 95 4.0.1212	266	Compaq
WORK000259	Windows 95 4.0.1212	85	Compaq
WORK000836	Windows 95 4.0.1212	333	Compaq
WORK000847	Windows 95 4.0.1212	400	Compaq
WORK000861	Windows 95 4.0.1212	740	Compaq
WORK000862	Windows 98 4.10.2222	166	Compaq
WORK000871	Windows 95 4.0.1212	350	Compaq
WORK000909	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WORK000913	Windows 95 4.0.1212	350	Compaq
WORK000914	Windows 95 4.0.1212	240	Compaq
WORK000915	Windows 95 4.0.1212	240	Compaq
WORK000918	Windows 95 4.0.1212	333	Compaq
WORK001051	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WORK001127	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WORK001128	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WORK001197	Windows 98 4.10.2222	350	Compaq

**Computer Equipment Summary
Desktops**

computer_name	os	proc_sp	
		eed	manuf
WORK001198	Windows 95 4.0.1212	350	Compaq
WORK001206	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	500	Compaq
WORK001222	Windows 95 4.0.1212	350	Compaq
WORK001454	Windows 98 4.10.2222	333	Compaq
WORK001615	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	600	Compaq
WORK001805	Windows 2000 Professional 5.0 (Build 2195:)	800	Compaq
WORK001826	Windows 95 4.0.1212	760	Compaq
WORK001848	Windows 95 4.0.1212	300	Compaq
WORK001900	Windows 95 4.0.1212	233	Compaq
WORK001903	Windows 95 4.0.1212	166	Compaq
WORK1330	Windows 2000 Professional 5.0 (Build 2195: Service Pack 2)	400	Compaq
WORKS	Windows 2000 Server 5.0 (Build 2195: Service Pack 2)	200	
WORKSDC1	Windows 2000 Server 5.0 (Build 2195: Service Pack 2)	500	Hewlett Packard
WY075	Windows 95 4.0.1212	233	Compaq
WY114	Windows 98 4.10.2222	333	Compaq
		Subtotal	900
	Additional PC's		
		RCMP	200
		Gateway	16
		Fire	7
		Community (Not on Network)	30
		Laptops	132
		Total	1285

Computer Equipment Summary
Laptops

	A	B	C	D	E	F	G	H	I	J	K	L	M
	User	Model	serial number	cpu	Operating system	date of service	tech team	hard disk	Machine name	comments			
1	Adam Bennett	Armada M700	312fmp26n2k	piii700	win2k	05/08/01	EDK	128 12 GIG	hall001712				
2	Anne Stevens	Armada E500	3j09dppb7207	PIII650	Win2k	04/24/01	edk	64 12 gig	HOME001710	comptrace			
3	Bill Neilson	Armada E700	1j06dc61f55n	PIII 500	win98	07/20/00	edk	128 18 gig					
4	Bill Whyman	Evo N600c	319kbsz543a	PIII 866	win2k	14/01/2000	edk	128 12 gig	home002050	comptrace			
5	Bob norton	Armada 1592Dmt	j826bt55n100	p233mmx	win98	07/21/00	edk	64 3 gig	hall001671				
6	Brian Guzzi	IBM thinkpad type 78-fa292	78-fa292	PIII 850	win98	12/20/00	edk	384	30				
7	Cambie CC (stieve baker)	Armada 1130T	7643hyc33186	p100	Win95B	22/03/01	edk	24 800 meg	HALL001800	comptrace			
8	Caroline beaton	Armada 7350	6737BL741957	p166mmx	Win98	03/20/01	edk	64 me 2 gig	hall000973	comptrace			
9	Cathy Russell	Armada e500	1j07DN94T33S	PIII600	win98	12/28/00	edk	128	12	HALL001471			
10	Cathy Russell	Armada E500	3j03dc44vc5a	PIII400	win98	01/12/00	edk	64 6 gig					
11	Cathy Russell	Armada M700	3j05dltg01s	PIII700	win2k	06/01/00	edk	256 12 gig	Hall001772				
12	Chuck Gale (old John Lindberg)	Evo N600c	3j19KBSZ541Y	PIII 866	win2k	01/17/02	edk	256 12 gig	home002073				
13	Councilor	Armada e700	1j01dc64y210	piiii500	win98	21/02/2000	edk	128 18 gig					
14	Danley Yip	Armada station EM	Docking station										
15	Danley Yip	Armada e700	1j01dc64y20v	piiii500	win98	21/02/2000	edk	128 18 gig					
16	Danley Yip(stolen)	Armada M700	3j02dm77e2fe	PIII 500	win98	02/08/02	edk	256 12 gig	home002066				
17	Dave McLelland	Armada station EM	5j05csmz810s										
18	Dave McLelland	Armada m700	3j13K686923	piII750	win2k	07/11/01	edk	128 12 gig	fire1901	altiris			
19	Dave scorgie	Armada 1592Dmt	J821B155T085	p 233	WIN95B	01/17/02	edk	64 3 gig	home 002077				
20	Dave Semple	Armada M700	3j15FMPZ293n	PIII 500	Win2k	01/01/02	edk	128 20 gig	hall001711				
21	Dave Walsh	Armada M700	3j06dm77h88g	PIII 500	win98	07/12/00	edk	128 12 gig					
22	David Gillis	Armada M300	1J99CYB5M717	PII333	Win98	05/02/01	edk	64 6 gig	HALL001829				
23	Debra McLennan	Armada 1700	388cbv7f33a4	piI 266	win98	02/23/01	edk	64 4 gig	HALL001418				
24	dermott pits	Armada e500	3j07dn94y02v	PIII600	win98	12/28/00	edk	128	12	HALL001470			
25	dermott pits	Armada 1750	3j9bc23lzaI	PII366	win95b	05/24/01	edk	64 6 gig	RCMP001842				
26	Don Pearson	Contura 430c	7539huc20187							She bought?			
27	Donna Cahn (old Kumagai pc)	Armada 7370	680br350449	piI233	win95b	19/01/2000	edk	32 4 gig					
28	Ed Jantzen	Evo N600c	3j19KBSZ54a0	PIII 666	win2k	19/01/2000	edk	256 14 gig	hall001855				
29	Ed Jantzen	Armada M700	3j15fmpz4m1v	piiii1000	win2k	05/30/01	edk	256 12 gig	hall002013				
30	ED Kurta	Evo N600c	3j19KBSZ5D0B	piII866	win2k	05/02/01	edk	128 12 gig	hall001979				
31	Eddie Hung	Armada 1550	J713BM579194	p133	win95b	07/12/00	edk	32 2gig					
32	Elenor Kubik	Armada E500	1113jfb4150I	PIII800	win2k	04/02/01	EDK	128 10 GIG	WORK001805	comptrace			
33	Eric Gilligan	Evo N600c	3j19KBSZ5D0W	866	Win2k	07/13/01	edk	256 12 gig	hall002012				
34	Evelyna Halsey Brandt	Armada m700	3j0cfc68b01a	piII750	win2k	03/02/00	edk	64 6 gig	fire1902	altiris			
35	Fire	Armada m300	1j99cyb5f07n	piI333	win98	07/20/00	edk	64 2 gig					
36	Gail Tremeer	Armada 7350MT	6733b740327	p166mmx	win98	06/01/00	edk	256 12 gig					
37	Gateway theatre	Armada M700	3j04dm77s055	PIII 500	win98								
38	George Duncan	Armada station EM	5j05csmz810p										
39	George Duncan	Armada M700	3J16FMPZB54D	700	Win2k	12/12/01	edk	320 20 gig	hal00192				
40	Glen McCloughlin	Armada 1700	3j8acbv3x9af	piI233	win98	07/03/00	edk	64 4 gig					
41	Gord Fredrickson	Armada M300	199cyb5L401	piI333	win98	03/02/00	edk	64 6 gig					
42	Harold Steves	Armada M300	1J9BCYB5A001	PII333	Win98	02/08/02	edk	64 6 gig	home002067				
43	Hilda Ward	Contura 400c	7435hj31373	486/50	win95b	03/02/00	edk	8 350 meg					
44	IT (kelly - aquatics)	Armada 7370	7745br350485	p233mmx	win95b	05/15/01	edk	128 4 gig	hall001763	comptrace removed via ghost image			
45	IT spare (Eddie Hung)	Armada 7350	6737bl740625	p166	win98	28/03/01	edk	64 2 gig	HALL001761	comptrace			
46	IT spare (Anne Stevens old notebook)	Armada 1592Dmt	j826bt55k671	p233mmx	win98	07/21/00	edk	64 3 gig	hall001133	comptrace			
47	IT spare (setup room)	Contura 410c	7519hpm40910	486/50	win95b	26/01/2000	edk	12 350 meg					
48	IT spare (setup room)	Contura 410c	7519hpm40910	p233	win95b	05/23/01	EDK	64 3GIG	home001838				
49	IT spare (Sue Hopkins) (Don Pearson)	Armada 1573	3j87bzw6ka5n	486				350 meg					
50	IT spare for parts(setup room)	Armada 410c	7519hpm41836	PII333	win2k	06/08/01	edk	96 6 gig	fire001847				
51	IT spare front loader	Armada 1750	3j92cfrq921s	p166	Win2k	14/01/2000	edk	64 4 gig	HAI001456	comptrace			
52	IT spare it 001	Armada 7350	6733bl740864	p120	win95b	17/01/2000	edk	48 1 gig					
53	IT Spare it 003 (to electrical dept. Di)	Armada 1130T	7649bjz31976							56k modem, 10 meg ntc pc cards			

Computer Equipment Summary
Laptops

	A	B	C	D	E	F	G	H	I	J	K	L	M
54	it spare	Armada 7350	6752b336025	P166	Win95B	08/11/00	edk	32 2 gig					
55	Scrapped dead power sup	Armada 7350	6804br350013	P233	Win95B	03/01/02	edk	32 2 gig					
56	WENDY MAH amateur radio (forme	Armada 1530dm	J747BRX2S986	p133	win98	06/04/02	edk	48 1.3 gig	hall001764				
57	IT Spare(setup room)	Contura 420cx	7538hug50929	486	win95b	26/10/1999	edk	350 meg					
58	it spare(Sue Hopkins)	Armada 1590 DMT	J747BRX84562	p166mmx	win98	03/13/01	edk	48 2 gig	hall001766				
59	ITStaff	Evo N600c	3J19KBSZ542E	666	Win2k								
60	Ivy wong	Armada m700	3j15fmpz93m	pi11850	win2k	08/13/01	edk	256 12 gig	home001939				
61	Jeff Day	Armada m700	3j0cdtqg30w	P111700	win98	12/28/00	edk	128	HALL001488				
62	Jeff Day Old notebook (engineering	Armada 1590 DMT	8171brx8q139	p166	win98	03/15/01	edk	80 2 gig	hall001767				
63	Jim Bruce	Armada m700	3j11fmpz10s	P11850	win2k	02/15/01	edk	128 18 gig	hall001745				
64	Jim Hancock	Armada E500	3j0bfu8b565	P11650	win98	12/28/00	edk	128	HALL001477				
65	Jim Hancock	Armada station EM	Docking station										
66	Jim hnatluk	Armada m300	3j0bdfp1k0z	pi11333	win98	04/04/01	edk	64 6 gig	hall001769				
67	John Lindberg	EVO N600c	3j11bksz901x	P111 1200	win2k	12/12/00	edk	256 30 gig	H51T002052				
68	John Lindberg	Panasonic cf-37		P111 500	win2k	12/12/00	edk	64 10gig					
69	John lindberg	Armada station EM	5j02cms3m20f										
70	John Lindberg (Stacey)	Toshiba	90012843.PT610C-16CF2	P111700	winxp					CR491353-AB			
71	Karim Nanji	Armada E500	1J07DN94SA1W	P111 500	Win2k			128 12 gig	hall001975				
72	Kelly Mack	Armada 1590 DMT	724pm592735	p166mmx	win98	09/15/00	edk	32 2 gig					
73	Ken Fryer	Armada 4130T	6637hya7d280	p 133	Win98	07/12/00	edk	32 4 gig					
74	Ken Johnston	Armada V300	3j08avr420d	cel300	win98	10/12/00	edk	64 6 gig	work001904				
75	Kilchi Kumagal	Armada M300	199cyb5L709	pi1333	win98	03/02/00	edk	64 6 gig					
76	Kim Carron	Evo N600c	3J19KBSZ542g	P111 866	win2k	01/17/02	edk	256 12 gig	home002072				
77	Jani Shultz	Armada 7350mt	6736bf740035	p166	win95b	06/19/01	edk	64 12 gig	home001537				
78	Linda Barnes (it spare front loane)	Armada M300	199cyb5170w	pi1333	win98	08/02/00	edk	64 6 gig	home002064				
79	Linda Barnes sent in for repair	Armada M300	1J02DNR3VJ14	pi1333	win98	04/04/01	edk	64 6 gig	HOME001661				
80	Loyd dean	Armada M700	3J16FMPZBB4L	700	Win2k	12/12/01	edk	256 20 gig	hall001974a				
81	Lyn Greenhill	Armada M300	199cyb5A004	pi1333	win98	03/02/00	edk	64 6 gig					
82	Malcolm Brodie	Evo N600c	3J19KBSZRB36	666	Win2k								
83	Malcolm Brodie	Armada station EM	5j9ccms3n71z			23/02/2000	edk						
84	Marcia freeman	Armada 3500	j8bcbw1h20l	P11300	win98	10/30/00	edk	96 4 gig					
85	Mark Minson	Armada E500	101czq4233d	pi11450	win98	15/03/2000	edk	128 12 gig					
86	mark Minson	Panasonic cf-47	cf-47lyagaemoimia01949	pi11 500	win98	12/20/00	edk	196 10 gig	home001709				
87	Mayor home	Armada v300	3j08dvr4y08	cel300	win98	09/15/00	edk	64 6 gig					
88	Mike Kirk	Armada 1571dm	2825zv65310	p200mmx	win95b	24/02/2000	edk	64 3 gig					
89	Mike lederer	Armada e500	3j07dn94y08	P111600	win98	12/28/00	edk	128	HALL001472				
90	Mike lederer	Armada M300	199acyb44b09	pi1333	win95b	08/02/00	edk	64 6 gig					
91	Mike Mack	Armada m700	3j12k68r50k	P111750	WIN2k	27/03/01	edk	196 12 gig	FIRE001799				
92	Mike McFayden	Armada 7370DMT	6752BR352592	pi1233	win95b			64 4.1 Gig					
93	Mike Pellant	Armada M700	305dm772099	P111 500	WIN2k	15/06/2001	edk	256 12 gig	HALL001740				
94	Mike Redpath	Armada 6500	5y91ccy6p027	P11 300	Win98	10/23/00	edk	192 6 gig					
95	Nasim Karsan	Armada 7360	6745br50072	p200mmx	win95b	11/02/00	edk	64 3 gig					
96	Nasim Karsan (inspector)	Panasonic cf-47	cf-47m4ckaemojmia01178	P111600	win98	28/12/00	edk	128 10 gig	hall001662				
97	Pam Portman	Armada e500	107dn94s3b3	pi11600	win2k	08/30/2001	edk	128 12 gig	hall001956				
98	Parissa Aujja	Armada M700	3j02dm74n2cd	P11 500	win2k	04/02/01	edk	64 12 gig	RCMP001759				
99	Parissa Aujja	Armada station EM	5j06cms2810m										
100	paris GM	Armada m700	3j0cdk68b01y	pi11750	win2k	06/19/01	edk	128 12 gig	home001890				
101	Paul Lee	Armada 1598	817brx8c743	p166	win95b	27/03/00	edk	80 4 gig					
102	Paul Lee	Armada m700	3j0cdtqg30y	P111700	win98	12/28/00	edk	128	HALL001469				
103	Paul Morzawa	Contura 410cx	7451hpn41946	486	win95b	16/02/01	edk	12 350 meg					
104	Paul Sung	Armada m700	3j0bdtdqg2422	P111 700	win98	12/13/00	edk	128 15 gig					
105	paul sung	Armada m700	3j0bdtdqg2429	P111 700	win98	12/14/00	edk	128 15 gig					
106	Paul Sung/steve mcclurg	Armada M300	198cyb46173	pi1333	winNT4	11/24/00	edk	128 4 gig					

Computer Equipment Summary
Laptops

	A	B	C	D	E	F	G	H	I	J	K	L	M
107	peter Bergsma	Armada m700	3j16fk68600b	pi1750	win2k	07/11/01	edk	256 12 gig		work1896			
108	Phil Hogg	Armada 1590 DM7	1806br81113	p166mmx	win98	09/06/00	edk	32 2 gig					
109	Rae Williamson	Armada 7400	7908chs20025	pi1366	Win95b	16/03/2000	edk	192 8 gig					
110	Ray Cordoni	Armada 4120T	6641hwf20736	p120	win95b	16/02/00	edk	32 2 gig					
111	Rob Armstrong	Armada 4220	G747HZA30444	PII 266	win98	12/08/00	edk	64 4 gig					
112	Roger Mah	Evo N600c	3j19kbsz540f	PIII 733	Win2k	01/01/02	edk	256 12 gig		home002061			
113	Shannon Hobson Mayor assistant	Armada M300	1j99cyb5L101	pi1333	win2k	14/02/00	edk	128 6 gig		spare002063			
114	Shawn Isseel	Armada 1590 DM7	1741brx67788	p166	Win95B	10/12/00	edk	80 2 gig					
115	Spare Unit	Armada 1750	3j96gy6125w	pi1300	Windows	14/01/2000	edk	64 4gig					
116	Steve McClurg	Armada M700	3J16FK68X20S	750	Win2k								
117	Steve Ono	Armada 1580	1722bms592324	???	???								
118	Steveston Community centre	Armada 1120	7634hyc33416	p100	win95b	21/02/2000	edk	24 810 meg					
119	stuart jones	Armada M300	1j08fm738873	pi1300	win98	10/11/00	edk	64meg 12 gig					
120	Sue Halsey-Brandt	Evo N600c	3J19KBSZ543G	PIII 866	win2k	01/16/02	edk	256 12 gig		home002068			
121	Sue Hopkins	Armada m700	3j16R68x21n	pi11600	win2k	08/29/2001	edk	256 12 gig		hall001952			
122	Sui Tse	Evo N600c	3J18KBSZZA42	733	Win2k								
123	Suzanne Bycraft	Armada m700	3j08dm77s320	PII500	win98	10/12/00	edk	128 12 gig					
124	Tara Simpson (emergency Notebooc	Armada 1700	188cb27r036	PII300	win2k	05/02/01	edk	64 5 gigs		WORR001830			
125	Ted Townsend	Armada M700	3J16FMPZPA39	850	Win2k								
126	Thompson CC	Contura 410c	7519hpm41916	486/50	win95b	08/02/00	edk	12 350 meg					
127	Veronica Shultz	armada 7350	6737bl741849	p166	win95b	14/01/2000	edk	64 4gig		home1987			
128	Veronica Shultz (it spare) (Sniffer)	Armada 7770	7741br112014	p233	win2k	06/06/01	edk	144 3 gig		hall001455			
129	W Stevens	Armada M700	3J0CFK68B01A	750	Win2k								
130	Ward Clepman	Evo N600c	3J19KBSZ4C0L	866	Win2k					hall002011			
131	Wayne Yee	Armada 1700	1j8bc23q0as	PII233	win98	09/19/2001	edk	96 3 gig		Home001968			
132	Wendy Mah	Armada 1550	1728bms572361	p133	Win 95B	14/01/2000	edk	32 1.3gig					

Printers and Scanners

10.20.0.201	CivicLC	HP Laser 4550N	Civic's	
10.20.0.202	FireL2	HPLJ4	Fire Hall 1	
10.20.0.203	FireDJ	HPDJ2250	Fire Hall 1	
10.20.0.204	open			
10.20.0.205	FireL	HPLJ 4p	Fire Hall 1	
10.20.0.206	FireL4	4050tn	Fire Hall 1	
10.20.0.207	wendy Mau	Trailer		
10.20.0.208	ParksDJ	Parks Dept	Parks	
10.20.0.249	HP Network ScanJet 5	W/Y - Admin - H Aftergood	1st	NW Scanner hpsj00002 4509187
10.20.0.250	HP 9100C Digital Sender	W/Y - Roads- Main Admin	1st	NW Scanner 4509187
10.20.0.251	HP 9100C Digital Sender	W/Y - Carp.- Carp shop	2nd	NW Scanner
10.20.0.252	HP 9100C Digital Sender	W/Y - Fac Management	1st	NW Scanner
10.20.0.253	HP 9100C Digital Sender	W/Y - Inspections	1st	NW Scanner hpsj00002 4509a81
10.20.0.254	Scanners			

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Community Printers and Scanners

10.30.0.170	SouthL1	South Arm Community Centre	
10.30.0.171	SouthL2	South Arm Community Centre	
10.30.0.172	SouthL3	South Arm Community Centre	
10.30.0.173	WaterL	Watermania Community Centre	
10.30.0.174	Ricel	Richmond Ice Centre	
10.30.0.175	Bookitpr4	Roaming	
10.30.0.176	Cambiel	Cambie Community Centre	
10.30.0.177	Cambiel2	Cambie Community Centre	
10.30.0.178	ThompsonL	Thompson Community Centre	
10.30.0.179	ThompsonL2	Thompson Community Centre	
10.30.0.180	BookitPr1	Roaming	
10.30.0.181	SteveL	Steveston Community Centre	
10.30.0.182	BookitPr2	Roaming	
10.30.0.183	WestL	West Richmond Community Centre	
10.30.0.184	LangDj	Lang Community Centre	

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Printers and Scanners

10.30.0.185	LangL1	Lang Community Centre
10.30.0.186	BookitPr5	Roaming
10.30.0.187	MPlaceL	Minoru Place
10.30.0.188	MPlaceL2	Minoru Place
10.30.0.189	MPlaceDj	Minoru Place
10.30.0.190	AccountL	Minoru Place
10.30.0.191	AquaticsL	Minoru Place
10.30.0.192	ArtsL	Richmond Ice Arena
10.30.0.193	ArenaL	Minoru Place
10.30.0.194	CultL	Roaming
10.30.0.195	CultL3	Roaming
10.30.0.196	CultL2	Cultural Centre
10.30.0.197	ArchL	Cultural Centre
10.30.0.198	MusL	Roaming
10.30.0.199	BookitPr9	Roaming
10.30.0.200	BookitPr6	Thompson Community Centre
10.30.0.201	ThompsonDJ	Steveston Community Centre
10.30.0.202	StevDJ	Nature Park
10.30.0.203	NatureL (hpLJ4si)	Nature Park
10.30.0.204	NatureDJ (hpdj970Cse)	Nature Park
10.30.0.205	???	
10.30.0.206	Seal	
10.30.0.207	HamiltonL	Hamilton Community Centre
10.30.0.208	Bookit loaner a loaner only to be returned to IT	
10.30.0.209		

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City Hall Printers and Scanners

10.10.0.161	ADT Security Workstation	Security Desk
10.10.0.162	ADT Badge ID Workstation	Badge ID room
10.10.0.163	CallCtrl	6th floor. Call Ctr
10.10.0.164	HPDesignJet 5000	4th floor print room
10.10.0.165	AdminL1	2nd floor admin
10.10.0.166	Sanitary	2nd floor Sanitary
10.10.0.167	Canon imagerinner 105	Reprographics (UrbanDev)
10.10.0.168	RCMP1 HPLJ5	RCMP Main Bldg Admin
10.10.0.169	ClerksL1	Clerks
10.10.0.170	Tax4PA (HPLJ4plus)	Main floor (taxes foh)

6th Floor
2nd floor
2nd floor
4th floor
6th Floor
sn000774 HP LJ4+

HP 5

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Printers and Scanners

10.10.0.171	Tax4PB (HPLJ4plus)				
10.10.0.172	Kodak IS70 Printer (70sp seriesII pdf)				
10.10.0.173	Kodak Lionheart Print Server				
10.10.0.174	Xerox8825 ((Not on Print))				
10.10.0.175	PermitsL (4050tn)				
10.10.0.176	AdminL3 (4050TN)				
10.10.0.177	FinanceL6 (4050TN pcl6)				
10.10.0.178	HLR2 (4050TN pcl6)				
10.10.0.179	Bylaw (HPLJ5P)				
10.10.0.180	MayorL (LJ 2100 pcl6)				
10.10.0.181	ITMain (LJ 4050tn pcl6)				
10.10.0.182	FinanceL (4050 TN)				
10.10.0.183	FinanceL4 (4000 TN)				
10.10.0.184	Finance Pay (4000 TN - with duplexer)				
10.10.0.185	FinanceL7 (4Plus)				
10.10.0.186	FinanceL3 (4000 TN)				
10.10.0.187	HLR (4050 TN)				
10.10.0.188	Splan (4050 TN)				
10.10.0.189	FinanceL9 (4050 TN)				
10.10.0.190	Licence (HPLJ5)				
10.10.0.191	InfoL (HPLJ 4Plus)				
10.10.0.192	Permit (4050 TN)				
10.10.0.193	PermitsL7 (4050 TN)				
10.10.0.194	UrbanDevL4 (HPLJ4)				
10.10.0.195	UrbanDevL2 (HPLJ4)				
10.10.0.196	UrbanDevL8 (HPLJ5)				
10.10.0.197	UrbanDevL9 (HPLJ 4V)				
10.10.0.198	UrbanDev (PJ2)				
10.10.0.199	PermitsLa4 (4050 TN)				
10.10.0.200	PermitsLa (HPLJ5)				
10.10.0.201	Community2 (4000)				
10.10.0.202	Community2c (2000c)				
10.10.0.203	ISMain (4050 TN - with duplexing)				
10.10.0.204	ITPJ (2500cm)				
		sn000777	HP LJ4+		
			Lionheart		
			IS70		
			AccXes		
			8825		
		sn001627	HP LJ4050		
		sn001630	HP		
			LJ4050tn		
		sn001631			
		sn001632			
		sn007000			
		sn001635			
				Main floor (taxes foh)	
				Reprographics (UrbanDev)	
				Reprographics (UrbanDev)	
				Dave Husband	
				4th FL Production	
				2nd FL M. Freeman's office	
				Budgets 7th Floor	
				6th FI HR	
				3rd FI Bylaw	
				2nd FI Admin	
				5th floor	
				7th floor	
				7th floor	
				7th floor - Payroll	
				7th floor	
				7th floor - Purchasing	
				7th floor - HR	
				6th floor	
				Main floor	
				Main floor	
				Main floor - Permits / Info	
				Main floor - Permits	
				3rd floor	
				3rd floor	
				3rd floor	
				3rd floor	
				3rd floor - Engineering	
				3rd floor - Engineering	
				2nd floor - Inspections	
				2nd floor	
				2nd floor	
				2nd floor	
				5th floor	
				5th floor	

Printers and Scanners

10.10.0.205	ISTech2 (8100 DN)	5th floor - Mail Room	
10.10.0.206	ISTech (8100 DN)	5th floor - Mail Room	
10.10.0.207	PBxTel	5th floor	
10.10.0.208	Permits Cord. (SP)	Main floor	
10.10.0.209	Permit Report	Main floor	
10.10.0.210	UrbanDevL3	Main floor - Sherry Esplen	
10.10.0.211	PWCityL4 (4050)	4th floor	
10.10.0.212	PWCityL5 (LJ 4mv)	4th floor	
10.10.0.213	UrbanDevBender (8500)	4th floor - Production	
10.10.0.214	LawL (4050 - with duplexing)	6th floor - Law	
10.10.0.215	ClerksL (LJ5)	6th floor - Clerks	
10.10.0.216	ClerksL2 (HPLJ III)	6th floor - Clerks	
10.10.0.217	Clerks (LJ 5)	6th floor - Clerks	
10.10.0.218	AdminL2 (LJ 4 Si)	2nd floor - Administration	
10.10.0.219	AdminL (4050 - with duplexer)	2nd floor - Administration	
10.10.0.220	AdminDJ (Color LaserJet 4550)	2nd floor - Administration	2nd floor
10.10.0.221	RCMPL (4050 with duplexer)		
10.10.0.222	PWCityL (HPL5 3)		sn00806
10.10.0.223	UrbanDevDP (2500)	4th floor - Production	
10.10.0.224	PWCityDP (650C)	4th floor - Vault	
10.10.0.225	(HPDJ 1055cm)	4th floor - Vault	
10.10.0.226	TrainL (HPLJ 4)		
10.10.0.227	LawL2 (HPLJ4050)	6th floor Law	
10.10.0.228	OCE9300 (oce 9300 Raster) !NOT RAW!	1st floor Permits front of house	port>>>>>>>> >>
10.10.0.229	UrbanDevL (4050duplexer)	4th floor Production Centre	
10.10.0.230	PermitsByawL1 (LJ4050)	3rd floor	sn001725
10.10.0.231	PermitsByawLJ (LJ2250)	3rd floor	
10.10.0.232	Traffic1055 (HPDJ1055)	3rd floor	
10.10.0.233	LandUseDJ (2500c)	3rd floor	
10.10.0.234	HRL3 (HPLJ4 plus)	7th Floor (Val & Mike)	
10.10.0.235	FinanceDJ (1600m)	7th Floor (Gavins location)	
10.10.0.236	DevAppsDJ (1220C Pro)	3rd floor	SN#00080 2
10.10.0.237	HRDJ (2250)	7th Floor	
10.10.0.238	CommunityL1	6th Floor	SN#00190 5

Printers and Scanners

IP Address	Device	Location	Floor	SN#
10.10.0.239	TrafficL (HPLJ4050TN)	3rd Floor		SN#001940
<u>IO</u>				
10.10.0.240	HP 9100C Digital Sender	DevApps	3rd	NW Scanner
10.10.0.241	HP Network ScanJet 5	Recreation & Cultural	2nd	NW Scanner
10.10.0.242	HP 9100C Digital Sender	Fran Ashton	2nd	NW Scanner
10.10.0.243	HP 9100C Digital Sender	Admin - "GM Place"	2nd	NW Scanner
10.10.0.244	HP Network ScanJet 5	Finance - A/Rs - S Shyreen	7th	NW Scanner
10.10.0.245	HP 9100C Digital Sender	Urban Dev - R Bortolussi	2nd	NW Scanner
10.10.0.246	HP 9100C Digital Sender	Urban Dev - F Marcal	3rd	NW Scanner
10.10.0.247	HP Network ScanJet 5	Human Resources	7th	NW Scanner
10.10.0.248	HP 9100C Digital Sender	Urban Dev - Land Use	3rd	NW Scanner
10.10.0.249	HP 9100C Digital Sender	Finance - Purchasing	7th	NW Scanner
10.10.0.250	HP Network ScanJet 5	Clerks	6th	NW Scanner
10.10.0.251	HP Network ScanJet 5	FOH / Bldg Approvals	1st	NW Scanner
10.10.0.252	HP 9100C Digital Sender	Bldg App - Records	1st	NW Scanner
10.10.0.253	HP 9100C Digital Sender	Info Tech	5th	NW Scanner
10.10.0.254	Test IP			

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**Computer Equipment Summary
Stand Alone Scanners**

computer_name	name	description
HAL4000839	4th floor	HP DeskScan II
CLT007	anonymous	HP DeskScan II
HAL5000944	applications	HP DeskScan II
CIVC001897	civic	HP DeskScan II
CIVC002019	civic	HP DeskScan II
GALL001533	Cultural	HP DeskScan II
HAL4000291	engineering	HP DeskScan II
LANG002224	Lang	HP DeskScan II
PARK000161	parks	HP DeskScan II
PARK000923	parks	HP DeskScan II
PARK001899	parks	HP DeskScan II
HAL6000506	recreation and Cultural services	HP DeskScan II
WORK000861	spare pc's	HP DeskScan II
STEV000929	Steveston	HP DeskScan II
HAL4001397	urban dev	HP DeskScan II
HAL4001859	urban dev	HP DeskScan II
HAL4002080	urban dev	HP DeskScan II

Computer Equipment Summary

PDA's

computer_name	name	description
HAL2000808	admin	Microsoft ActiveSync 3.5
HAL2002034	admin	Microsoft ActiveSync 3.5
HAL5002229	admin	Microsoft ActiveSync 3.5
HALL001136	anonymous	Microsoft ActiveSync 3.5
ARTT000278	ART	Microsoft ActiveSync 3.5
ARTT001373	ART	Microsoft ActiveSync 3.5
ARTT001376	ART	Microsoft ActiveSync 3.5
ARTT001831	ART	Microsoft ActiveSync 3.1
ARTT002078	ART	Microsoft ActiveSync 3.5
ARTT002161	ART	Microsoft ActiveSync 3.5
CIVC002037	civic	Microsoft ActiveSync 3.5
HAL4001230	engineering	Microsoft ActiveSync 3.5
HAL4001384	engineering	Microsoft ActiveSync 3.5
HAL4001387	engineering	Microsoft ActiveSync 3.5
HAL4001388	engineering	Microsoft ActiveSync 3.5
HAL4001839	engineering	Microsoft ActiveSync 3.1
HAL4001969	engineering	Microsoft ActiveSync 3.5
GARG001870	garage building	Microsoft ActiveSync 3.5
HAL5001760	help desk	Microsoft ActiveSync 3.5
HAL5002151	help desk	Microsoft ActiveSync 3.5
HAL5002159	help desk	Microsoft ActiveSync 3.5
HAL7002200	HR	Microsoft ActiveSync 3.1
ENGINEERING	notebooks	Microsoft ActiveSync 3.1
HALL001673	notebooks	Microsoft ActiveSync 3.5
HALL001772	notebooks	Microsoft ActiveSync 3.5
HOME001132	notebooks	Microsoft ActiveSync 3.1
HOME001468	notebooks	Microsoft ActiveSync 3.5
HOME001469	notebooks	Microsoft ActiveSync 3.5
HOME001979	notebooks	Microsoft ActiveSync 3.1
HOME002052	notebooks	Microsoft ActiveSync 3.5
HOME002061	notebooks	Microsoft ActiveSync 3.5
HOME002143	notebooks	Microsoft ActiveSync 3.5
HOME002152	notebooks	Microsoft ActiveSync 3.5
PARK000833	parks	Microsoft ActiveSync 3.1
PARK002016	parks	Microsoft ActiveSync 3.5
HAL3000984	Policy planning	Microsoft ActiveSync 3.5
HAL3002033	Policy planning	Microsoft ActiveSync 3.5
HAL6001240	recreation and Cultural services	Microsoft ActiveSync 3.5
HAL6002183	recreation and Cultural services	Microsoft ActiveSync 3.5
HALL000716	spare pc's	Microsoft ActiveSync 3.1
WORK001198	spare pc's	Microsoft ActiveSync 3.1
HAL4001400	Steveston	Microsoft ActiveSync 3.5
STOR001981	stores	Microsoft ActiveSync 3.5
HAL5001111	tech	Microsoft ActiveSync 3.5
HAL5001164	tech	Microsoft ActiveSync 3.1
HAL5001182	tech	Microsoft ActiveSync 3.1
HAL5002208	tech	Microsoft ActiveSync 3.5
HALL001492	tech	Microsoft ActiveSync 3.5
IS054	tech	Microsoft ActiveSync 3.5
ADM1002196	wy 1st floor	Microsoft ActiveSync 3.5
ADM2001452	wy 2nd floor	Microsoft ActiveSync 3.1

Computer Equipment Summary

PDA's

ADM2001840	wy 2nd floor	Microsoft ActiveSync 3.5
ADM2002056	wy 2nd floor	Microsoft ActiveSync 3.1
COMM001394	anonymous	PocketMirror 2.0 for Outlook
AQUA000591	Aquatics	PocketMirror 2.0 for Outlook
AREN001421	Arena	PocketMirror 2.0 for Outlook
ARTT000277	ART	PocketMirror 2.0 for Outlook
CAMB001427	Cambie	PocketMirror 2.0 for Outlook
COMM9	Cambie	PocketMirror 3.1.1 (Professional Edition)
HAL4001388	engineering	PocketMirror 2.0 Outlook Edition
HAL7001494	finance	PocketMirror 2.0 for Outlook
HALL000589	finance	PocketMirror 3.0.2 (Standard Edition)
FIR1001368	firehall1	PocketMirror 2.0 for Outlook
COMM000651	Fitness	PocketMirror 2.0 for Outlook
HALL000265	HR	PocketMirror 2.0 for Outlook
LANG001888	Lang	PocketMirror 2.0 for Outlook
HOME001799	notebooks	PocketMirror 2.0 for Outlook
WORK000836	parks	PocketMirror 2.0 for Outlook
HAL6001124	recreation and Cultural services	PocketMirror 2.0 for Outlook
RICE000413	Richmond ICE centre	PocketMirror 2.0 for Outlook
RICE001341	Richmond ICE centre	PocketMirror 2.0 for Outlook
SENR001561	Seniors	PocketMirror 2.0 for Outlook
SENR001883	Seniors	PocketMirror 2.0 for Outlook
COMM000392	spare pc's	PocketMirror 2.0 for Outlook
HALL000267	spare pc's	PocketMirror 2.0 for Outlook
WORK000861	spare pc's	PocketMirror 2.0 Outlook Edition
STEV000929	Steveston	PocketMirror 2.0 for Outlook
STEV000932	Steveston	PocketMirror 2.0 for Outlook
STEV001143	Steveston	PocketMirror 2.0 for Outlook
WEST001278	West Richmond	PocketMirror 2.0 for Outlook
WEST001490	West Richmond	PocketMirror 2.0 for Outlook
WY114	works yard	PocketMirror 2.0 for Outlook
WORK000871	wy 1st floor	PocketMirror 2.0 Outlook Edition

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