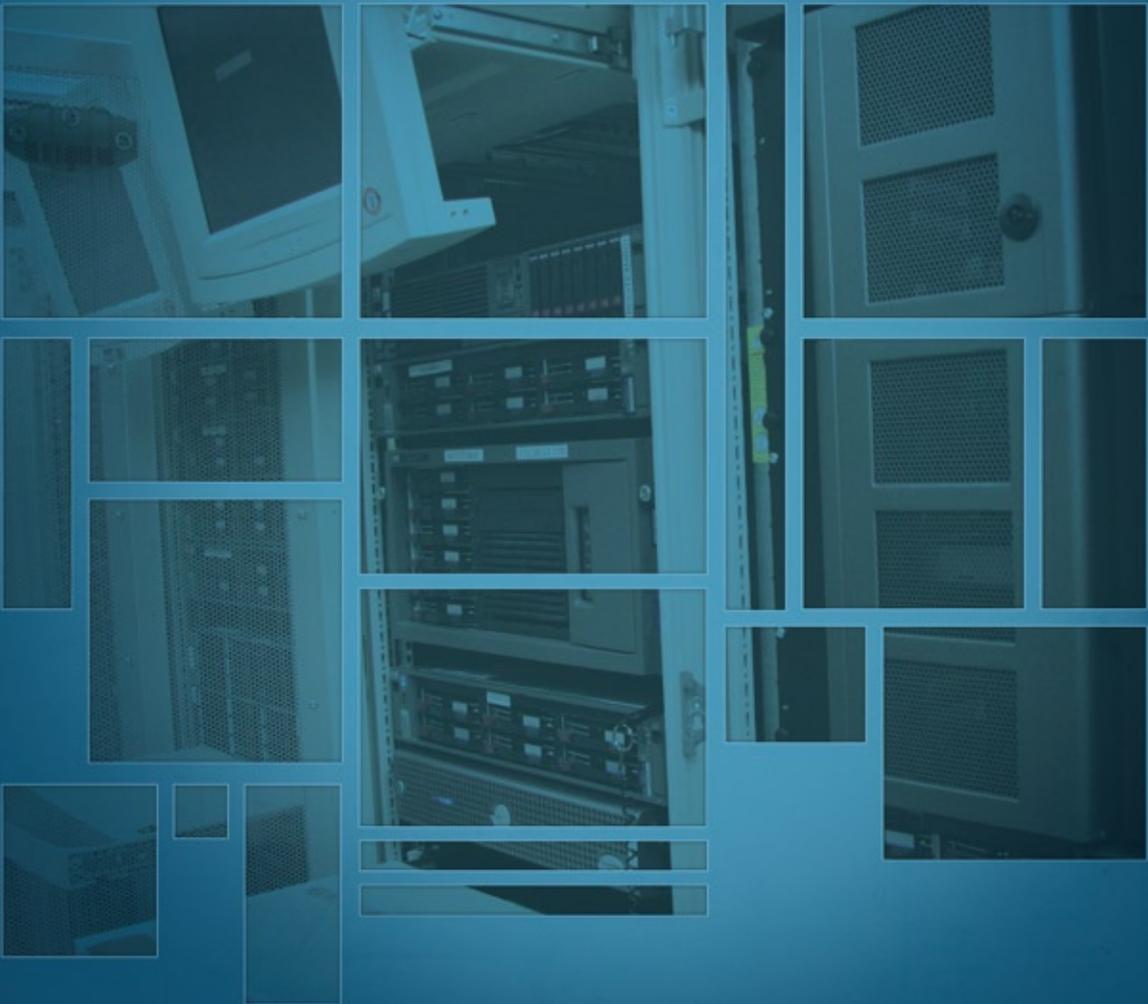


LAKE COUNTY INFORMATION SYSTEMS STANDARDS



Standard Desktop	<i>General purpose desktop computer configured to run 5 or 6 standard applications simultaneously.</i>	
Base Unit	HP Compaq dc5850 Microtower	
Processor	AMD Athlon 5200B processor	
Memory	2GB PC2-6400 (DDR2-800) 2x1GB	
Video Card	ATI Radeon HD 2400XT (256MB DH)	
Hard Drive	160GB SATA NCQ HDD SMART IV	
Operating System	Windows 7 Enterprise 64bit	
Power	300 watt PSU – 80 Plus Efficient	
CD-ROM or DVD-ROM Drive	None	
Network	Integrated 10/100/1000gb	
Required Software	Trend Antivirus	
Feature	Energy Star Compliant	
Warranty	Warranty 3 year (parts/labor/next business day on site)	
Estimated Cost		\$425.00

Advanced Desktop	<i>General purpose desktop computer configured to run 9 or 10 standard applications simultaneously. Graphics and hard drive capabilities will be higher performance than the standard desktop model.</i>	
Base Unit	HP Compaq dc5850 Microtower	
Processor	AMD Athlon 5200B processor	
Memory	4GB PC2-6400 (DDR2-800) 2x1GB	
Video Card	ATI Radeon HD 2400XT (256MB DH)	
Hard Drive	160GB SATA NCQ 10K HDD SMART IV	
Operating System	Windows 7 Enterprise 64bit	
Power	300 watt PSU – 80 Plus Efficient	
CD-ROM or DVD-ROM Drive	Super Multi DVD+/-RW	
Network	Integrated 10/100/1000gb	
Required Software	Trend Antivirus	
Feature	Energy Star Compliant	
Warranty	Warranty 3 year (parts/labor/next business day on site)	
Estimated Cost		\$625.00

Engineering Workstation	<i>Very high performance workstation with AutoCAD compatible high end graphics adapter. High performance raid disk drives.</i>
Base Unit	HP Compaq xw4600
Processor	Intel Core 2 Quad Q9550 2.83GHZ 12mb L2cache 1333FSB
Memory	4GB (DDR2-800) 2x2GB
Video Card	Nvidia Quadro FX3800 1GB video ram
Hard Drive	2x 300GB SATA 3GB/sec 10k RPM
Operating System	Windows 7 Enterprise 64bit
Power	HP 85% Energy Efficient PSU
CD-ROM or DVD-ROM Drive	Super Multi DVD+/-RW
Network	Integrated 10/100/1000gb
Required Software	Trend Antivirus
Feature	Energy Star Compliant
Warranty	Warranty 3 year (parts/labor/next business day on site)
Estimated Cost	\$1,838.00

Standard Laptop	<i>General purpose laptop computer with 15" screen configured to run 5 or 6 standard applications simultaneously. Mostly used on the desktop but taken home during after hours or when out on travel.</i>
Base Unit	HP 6735b w/ 15.4 WXGA display
Processor	AMD Turion Dual Core RM-70 Processor
Memory	2048M 800DDR2 1DIMM 6735b Memory
Keyboard	Touchpad 6735b Keyboard
Video Card	AMD Integrated Graphics
Hard Drive	120G 5400RPM 6735b Hard Drive
Operating System	Windows 7 Enterprise 64bit
TBU	65W AC Adapter for Latitude D-Family (310-7283)
CD-ROM or DVD-ROM Drive	8X DVD+/-RW
Network	Integrated 10/100/1000gb
Wireless	Broadcom WLAN (802.11a/g/n)
Required Software	Trend Antivirus
Feature	6 Cell 55Whr 6735b Battery
Feature	BlueTooth 2.0 module
Feature	Energy Star Compliant
Warranty	3/3/0 6735b Warranty
Estimated Cost	\$665.00

Advanced Laptop	<i>High performance laptop computer with 15" screen configured to run 9 or 10 standard applications simultaneously. Mostly used on the desktop but taken home during after hours or when out on travel.</i>
Base Unit	HP EliteBook 8530w 15.4" WVA WSXGA
Processor	Intel Core 2 Duo T9550, 2.66GHz, 1066FSB MHz 6M L2 Cache, Dual Core
Memory	2.0GB, DDR2-800 SDRAM, 1 DIMM
Video Card	ATI Mobility Radeon HD 3650 (256MB)
Hard Drive	320GB 7200RPM SATA
Operating System	Windows 7 Enterprise 64bit
Power	65W AC Adapter
CD-ROM or DVD-ROM Drive	LightScribe DVD+/-RW
Network	Integrated 10/100/1000gb
Wireless	Intel 5300 WLAN (802.11a/b/g/n)
Required Software	Trend Antivirus
Feature	8-Cell Primary Battery
Feature	HP Integrated BlueTooth
Feature	Energy Star Compliant
Warranty	3/3/3 year standard parts and labor
Estimated Cost	\$1,000.00

Mobile Workstation	<i>Very high performance laptop with AutoCAD compatible high end graphics adapter. High performance disk drives. 17" wide screen display. Mostly used on the desktop but taken home during after hours or when out on travel. This computer is capable of high end applications such as development, standalone GIS, CAD.</i>
Base Unit	HP EliteBook 8730w 17" WUXGA Dreamcolor (1920x1200)
Processor	Intel Quad Extreme Processor QX9100 (3.06GHz, 1066MHz FSB, 6MB L2)
Memory	4.0GB, DDR2-800 SDRAM, 1 DIMM
Video Card	Nvidia Quadro FX 3700M 128-core CUDA, 1GB (dedicated)
Hard Drive	320GB SATA 7200RPM
Operating System	Windows 7 Enterprise 64bit
Power	115W AC Adapter
CD-ROM or DVD-ROM Drive	LightScribe DVD+/-RW
Network	Integrated 10/100/1000gb
Network	Intel 5300 WLAN (802.11a/b/g/n)
Required Software	Trend Antivirus
Feature	8-Cell Primary Battery
Feature	HP Integrated BlueTooth
Feature	Energy Star Compliant
Warranty	3/3/3 year standard parts and labor
Estimated Cost	\$2,500.00

Ultra-Mobile Laptop	<i>Special purpose laptop computer with 12" screen that allows easy travel and light weight. Low power requirements allow for longer battery life. Configured to run 3 or 4 applications simultaneously.</i>	
Base Unit	HP NoteBook 2530p 12.1"WVA WXGA Anti-glare screen (1280 x 800)	
Processor	Intel Core 2 Duo Processor U7600 Centrino	
Memory	2.0GB, DDR2-667 SDRAM, 1 DIMM	
Video Card	Intel Integrated Graphics Media Accelerator	
Hard Drive	120GB 5400RPM	
Operating System	Windows 7 Enterprise 64bit	
Power	65W AC Adapter	
CD-ROM or DVD-ROM Drive	DVD+/-RW SuperMulti DL Drive	
Network	Integrated 10/100/1000gb	
Wireless	Intel 4965 WLAN (802.11a/b/g/n)	
Broadband	Broadband Sprint Wireless module	
Required Software	Trend Antivirus	
Feature	Only 3.19 lbs	
Feature	6-Cell/85 WHr Primary Battery	
Feature	HP Integrated BlueTooth	
Feature	Energy Star Compliant	
Warranty	3 year standard parts and labor	
Optional	EQ773AA – HP 2400/2500 series docking station (\$69.00)	
Estimated Cost		\$1,500.00

Tablet PC	<i>Special purpose mobile PC that is required for applications that are designed specifically for tablet PCs.</i>	
Base Unit	HP EliteBook 2730p 12.1"WVA WXGA Anti-glare screen	
Processor	Intel Core 2 Duo SL9400, 1.86GHz, 1066FSB MHz 6M L2 Cache, Dual Core	
Memory	2.0GB, DDR2-800 SDRAM, 2 DIMM	
Video Card	Intel Integrated Graphics Media Accelerator 4500MHD	
Hard Drive	120GB 5400RPM	
Operating System	Windows 7 Enterprise 64bit	
Power	65W AC Adapter	
CD-ROM or DVD-ROM Drive	No Cdrom/Available externally via USB	
Network	Integrated 10/100/1000gb	
Wireless	Intel 5100 WLAN (802.11a/b/g/n)	
Required Software	Trend Antivirus	
Feature	6-Cell/85 WHr Primary Battery	
Feature	HP Integrated BlueTooth	
Feature	Energy Star Compliant	
Warranty	3 year standard parts and labor	
Estimated Cost		\$1,700.00

Semi-Rugged Laptop	<i>Special purpose laptop computer with 15" screen configured to run 5 or 6 standard applications simultaneously. Mostly used on the road either mounted in a vehicle or used in the field. Required for any users who are using the computer in their vehicle or in the field 50% or more of the time.</i>
Base Unit	Latitude ATG D630, 14.1 inch Wide Screen WXGA RGDLCD
Processor	Intel Core 2 Duo T7500, 2.20GHz, 800MHz 4M L2 Cache, Dual Core
Memory	2.0GB, DDR2-667 SDRAM, 2 DIMM
Keyboard	Internal English Keyboard
Video Card	Intel Integrated Graphics Media Accelerator X3100
Hard Drive	80GB Shock Mounted Hard Drive 9.5MM, 4200RPM
Operating System	Windows 7 Enterprise 64bit
Power	65W AC Adapter
CD-ROM or DVD-ROM Drive	8X DVD+/-RW
Network	Integrated 10/100/1000gb
Wireless	Intel 4965 WLAN (802.11a/g/n) mini Card
Required Software	Trend Antivirus
Feature	9-Cell/85 WHr Primary Battery
Feature	Built and tested to meet MIL-STD 810F
Feature	Energy Star Compliant
Warranty	Next Business Day Parts and Labor Onsite Response 2 Year Extended
Estimated Cost	\$2,500.00

Rugged Laptop	<i>Special purpose laptop computer with 14" screen configured to run 5 or 6 standard applications simultaneously. Mostly used on the road either mounted in a vehicle or used in the field. Required for any users who are using the computer in their vehicle or in the field 50% or more of the time and have the possibility of encountering extreme conditions (rain, dust, rugged terrain). Should be considered as a replacement for semi-rugged in cases where rugged conditions are possible and continued operation is critical in nature.</i>
Base Unit	Panasonic Toughbook 30, 13.3" XGA Screen (1280 x 1024)
Processor	Intel Core 2 Duo Processor SL9300 1.6GHz, 1066MHz FSB, 6MB L2
Memory	2.0GB, DDR2-667 SDRAM, 2 DIMM
Keyboard	Internal English Keyboard
Video Card	Intel Integrated Graphics 4500mhd
Hard Drive	160GB Shock Mounted Hard Drive
Operating System	Windows 7 Enterprise 64bit
Power	AC Adapter
CD-ROM or DVD-ROM Drive	8X DVD+/-RW
Network	Integrated 10/100/1000gb
Wireless	Intel WLAN (802.11a/g/n)
Required Software	Trend Antivirus
Feature	Full Magnesium Alloy Case with Handle
Feature	Moisture and dust resistant
Feature	6 foot drop resistant
Feature	Wide Area Wireless and GPS capable
Feature	Energy Star Compliant
Warranty	3 year Standard Warranty
Estimated Cost	\$4,000.00

Single Application Server	<i>Server built to support a single application.</i>	
Base Unit	HP Proliant DL365G5	
Processor	AMD Quad-Core 2352 2.1GHZ	
Memory	4GB (PC2-5300) 2x2GB	
Video Card	Integrated	
Hard Drive	2x 75GB SAS 15k RPM	
Operating System	Windows Server 2008 R2	
Power	2x 700 Watt	
CD-ROM or DVD-ROM Drive	DVD+/-RW	
Network	2x Integrated 1gb	
Feature	ILO Advanced	
Required Software	Trend Antivirus, HP Proliant Tools	
Service	Warranty 3 year (parts/labor/next business day on site)	
Estimated Cost		\$2,800.00

Performance Application Web Server	<i>Server built to support multiple advanced applications. Also the standard configuration for web servers.</i>	
Base Unit	HP Proliant DL380 G6	
Processor	2x Intel Quad-Core X5550 2.66GHz 8mb cache 1333FSB	
Memory	8GB (PC3-10600E) 2x4GB	
Video Card	Integrated	
Hard Drive	2x 72GB SAS 15k RPM	
Operating System	Windows Server 2008 R2	
Power	2x 750 Watt	
CD-ROM or DVD-ROM Drive	DVD+/-RW	
Network	2x Integrated 1gb	
Feature	ILO Advanced	
Required Software	Trend Antivirus, HP Proliant Tools	
Service	Warranty 3 year (parts/labor/next business day on site)	
Estimated Cost		\$6,500.00

iSCSI Server	<i>Server built to function as an iSCSI SAN device or as a Microsoft Data Protection Server</i>	
Base Unit	HP Proliant DL180 G6	
Processor	Intel Quad-Core L5520 2.26GHz 1066FSB 8mb L2cache	
Memory	8GB (PC3-10600E) 4x2GB	
Video Card	Integrated	
Hard Drive	2 x 146GB SAS 15k RPM 1x 1TB 7200RMP	
Hard Drive	10 x 1TB 7200rpm (iSCSI –SAS)(DMP – SATA)	
Operating System	Windows Server 2008 R2	
Power	2x 750 Watt	
CD-ROM or DVD-ROM Drive	DVD+/-RW	
Network	2x Integrated 1gb	
Network	Two port multifunction 1GB network adapter (for iSCSI configuration)	
Feature	ILO Advanced	
Required Software	Trend Antivirus, HP Proliant Tools, ILO Advanced	
Service	Warranty 3 year (parts/labor/next business day on site)	
Estimated Cost		\$9,000.00

Virtual Server Host SQL Server	<i>Server built to function as a virtual host or Microsoft Sql Server. Purchased standard with two processors and is expandable to four. Provides sixteen slots for memory expansion.</i>	
Base Unit	HP Proliant DL585 G6	
Processor	2x AMD 6 Core Opteron 8300 2.4GHz	
Memory	24GB (PC2-6400) 12x2GB	
Video Card	Integrated	
Hard Drive	2x 72GB SAS 15k RPM	
Operating System	Windows Server 2008 R2	
Power	2x 1300 Watt	
CD-ROM or DVD-ROM Drive	DVD+/-RW	
Network	2x Integrated 1gb	
Network	Four port 1GB adapter (for virtual hosts only)	
Feature	ILO Advanced	
Required Software	Trend Antivirus, HP Proliant Tools, ILO Advanced	
Service	Warranty 3 year (parts/labor/next business day on site)	
Estimated Cost		\$10,000.00

Approved Monitors		
GF904AA	HP L1750 17" LCD Monitor	\$196.00
KD286AA	HP L1945w 19" widescreen LCD Monitor	\$203.00
KR145AA	HP L1950g 19" LCD Monitor	\$232.00
RD125AA	HP L2045w 20" widescreen LCD Monitor	\$239.00
FL472A8	HP L2245wg 22" widescreen LCD Monitor	\$245.00
KE289A4	HP LP2275w 22" widescreen LCD Monitor	\$335.00
KT931AA	HP L2445w 24" widescreen LCD Monitor	\$363.00
KD911A4	HP LP2475w 24" widescreen LCD Monitor	\$600.00
EZ320A4	HP LP3065 30" widescreen LCD Monitor	\$1,400.00
NH322A8	HP LD4200 42" widescreen LCD Monitor	\$1,400.00
	Panasonic TC-P50V10	\$2,000.00

Network Standards		
Branch Office Firewall		
ASA5505-BUN-K9	Cisco ASA 5505 10 user bundle	\$400.00
Branch Office Switches		
J9449A	HP ProCurve Switch 1810g-8 (10/100/1000)	\$165.00
J9137A	HP ProCurve Switch 2520-8 (10/100 w/POE)	\$520.00
J9019B	HP ProCurve Switch 2510-24 (10/100)	\$330.00
J9450A	HP ProCurve Switch 1810g-24 (10/100/1000)	\$405.00
J9138A	HP ProCurve Switch 2520-24-PoE (10/100)	\$822.00
J9086A	HP ProCurve Switch 2610-24/12PWR (10/100 w/POE)	\$719.00
J9088A	HP ProCurve Switch 2610-48 (10/100)	\$837.00
J9089A	HP ProCurve Switch 2610-48/48PWR (10/100 w/POE)	\$2,039.00
Edge Switches		
J9147A	HP ProCurve Switch 2910AL-48G (10/100/1000) 10GB uplink	\$5,000.00
J9148A	HP ProCurve Switch 2910AL-48G-PoE (10/100/1000) 10GB uplink	\$6,500.00
J9452A	HP ProCurve Switch 6600-48G-PoE (10/100/1000) 10GB uplink	\$15,000.00
J8770A	HP ProCurve Switch 4204vl Chassis-48port (10/100) 10GB uplink	\$6,120.00
J8770A	HP ProCurve Switch 4204vl Chassis-72port (10/100) 10GB uplink	\$7,100.00
J8773A	HP ProCurve Switch 4208vl Chassis-72port (10/100) 10GB uplink	\$8,500.00
J8773A	HP ProCurve Switch 4208vl Chassis-96port (10/100) 10GB uplink	\$9,470.00
J8773A	HP ProCurve Switch 4208vl Chassis-120port (10/100) 10GB uplink	\$10,445.00
J8773A	HP ProCurve Switch 4208vl Chassis-144port (10/100) 10GB uplink	\$11,425.00
J8773A	HP ProCurve Switch 4208vl Chassis-168port (10/100) 10GB uplink	\$12,400.00
J8698A	HP ProCurve Switch 5400zl Chassis-168port (10/100) 10GB uplink	\$29,015.00
J8698A	HP ProCurve Switch 5400zl Chassis-192port (10/100) 10GB uplink	\$31,650.00

Network Standards (continued)		
J8698A	HP ProCurve Switch 5400zl Chassis-216port (10/100) 10GB uplink	\$34,300.00
J8698A	HP ProCurve Switch 5400zl Chassis-240port (10/100) 10GB uplink	\$36,945.00
J8698A	HP ProCurve Switch 5400zl Chassis-264port (10/100) 10GB uplink	\$39,586.00
Data Center/Core Switches		
J9279A	HP ProCurve Switch 2510G-24 (10/100/1000)	\$845.00
J9280A	HP ProCurve Switch 2510G-48 (10/100/1000)	\$1,530.00
J9021A	HP ProCurve Switch 2810-24G (10/100/1000)	\$1,300.00
J9022A	HP ProCurve Switch 2810-48G (10/100/1000)	\$2,350.00
J8698A	HP ProCurve Switch 5400zl Chassis-48port (10/100) 8port (10GB)	\$20,400.00
J8698A	HP ProCurve Switch 5400zl Chassis-48port (10/100) 40port (10GB)	\$69,300.00
J8715A	HP ProCurve Switch 8212zl Chassis-48port (10/100) 8port (10GB)	\$46,335.00
J8715A	HP ProCurve Switch 8212zl Chassis-48port (10/100) 40port (10GB)	\$92,835.00
J9156A	HP ProCurve Threat Management Services	\$15,000.00
J9051A	HP ProCurve Wireless Edge Services zl Module	\$4,289.00
J9090A	HP ProCurve Wireless Services zl 48 RP License	\$10,235.00
APPROVED CABLING		
Faceplate	Systimax Lucent AT&T Faceplate 4-Port Ivory	
Modular Jack Phone	AVAYA Systimax Lucent AT&T Jack Insert-Ivory	
Modular Jack Network	AVAYA Systimax Lucent AT&T Solutions Cat 6 Jack Insert-Blue	
Patch Cables	AVAYA Systimax Lucent AT&T CBL ASSY MOD 24-4PR STRANDED CAT6 T568A/B F	
Network Termination	All Horizontal data runs should be terminated in the nearest communications room using AVAYA Systimax Lucent 24/48-PORT PANEL 110-MOD 8W8P T568A/B CAT6 XP6 POWERSUM BLACK 1/2U	
Phone Termination	66-M150 blocks on backboard in telecommunications room	
Phone Horizontal Dist	High pair count Category 3 CMR or CMP backbone/riser cables	
Network Horizontal Dist	(UTP) Category 6 plenum 23 AWG solid copper– blue, (fiber) Corning 12 strand 50/125um multimode – orange (fiber) Corning 6 strand single mode – yellow	
Building to Building Fiber	Corning 96 strand Single mode Fiber - yellow	
Fiber LIU panels	All fiber LIU panels shall be equipped with LC to LC couplers	
Fiber Termination	All fiber should be terminated with LC connectors, CORNING Cable Systems LanScape® products will be used for all optical fiber splice and termination points	
Fiber Installation	All backbone fiber must be installed by a CORNING certified installer and vendor must submit test results for corning certification / 25 year warranty	
Cable Racks	Standard 19" x 7' separate racks for data and voice	

Approved Software	<i>Server</i>	
Operating System	Windows XP sp3 / Windows 7	\$
Antivirus	Trend Micro Office Scan	\$
Productivity	Microsoft Office 2007 Professional Plus	\$
Forms	Adobe Acrobat standard	
Forms	Adobe Acrobat Professional	\$
Flowchart / Diagrams	Microsoft Visio 2007 Standard	\$
Flowchart / Diagrams	Microsoft Visio 2007 Professional	
Enterprise AdHoc Reporting	Microsoft SQL Reporting Services	
Departmental AdHoc Reporting	Crystal Reports XI	
Financial	Munis	
Accounting	Quickbooks	
Accounting	Quicken	
Imaging	PhotoShop Elements	\$
DVD Creation	Roxio	\$79.00
Compression	WinZip	\$49.00
Screen Capture	Snagit	
Video Production	Camtasia	
DVD Creation	Nero	
Network Tools	Solarwinds Engineers Toolset	
Admin Scripting	PrimalScript	
Admin Scripting	PrimalForms	
Engineering	AutoCAD	
Road Operations	Cartegraph	
Housing	Happy	
Automotive	RTA	
Permitting	CD Plus	
Public Safety	Hurrevac	
Public Safety	Firehouse	
Staffing	Telestaff	
Asset Management	FASGOV	
Legal	CourtView	

Approved Freeware	
PDF Creation	Cute PDF writer
Productivity	Open Office
Photos	Photoshop Album Starter Edition
Screen Capture	Print Key 2000
File Copy	Teracopy
File Compression	PowerArc
Mounting ISO	Virtual Clone Drive
Media	VLC Media Player
Secure FTP	WinScp
Misc	Ascii Table
File Compare	fileCompare
Burn CDs	ISO Burner
Burn CDs	CDBurnerXP
Screen Capture	Jing
Video Production	Movie Maker
Misc	Icon Snatcher
Media	QuickTime
Codec Pack	K-Lite Codc

Lake County Network Cabling Check List For Contracts

Complete details can be found in the Lake County Telecommunications Specs and the Design Standards for Communication Wiring Systems Documents

✓	Cable contractor must have a BICSI Registered/Certified Communications Distribution Designer (RCDD) on staff
✓	Cable installer must be an experienced telecommunications contractor with a minimum of two years experience and must be certified in the system(s) being installing
✓	Lake County IT shall receive a set of As-Built drawings (section 8.2 County telecommunications specs)
✓	Contractor shall develop and submit to Lake County IT for approval a labeling system for cable installation (section 8.1 County telecommunications specs)
✓	Lake County IT shall receive all cable tests documented and presented in a three ring binder(s) within three weeks after completion of the project.
✓	All backbone fiber installation shall be done by a Corning certified vendor and all test results must be submitted to Corning as to comply with the Corning 25 year manufacturer warranty program
✓	Contractor shall provide cabling warranty and services as specified in section 9.0 of County telecommunications specs
✓	Proper grounding of all telecommunications equipment must meet best practices and County telecommunication specs section 7.0
✓	All backbone fiber shall be manufactured by Corning cable systems, other fiber shall be manufactured by Corning cable systems unless approved by Lake County IT
✓	All multimode fiber shall be 50/125um and shall be terminated with LC connectors
✓	All single mode fiber shall be terminated with LC connectors

Lake County Network Cabling Check List For Contracts (Continued)

- ✓ All fiber shall be terminated by the contractor on a wall mounted LIU panel or rack mounted LIU whichever is most appropriate and the LIU shall be equipped with LC to LC couplers
- ✓ The minimum strand count for single mode backbone fiber running from building to building shall be 96 strand
- ✓ The minimum strand count from each telecommunications closet to the Main Distribution Room shall be 12 strand of multimode and 6 strand of single mode, preferably provided with a single hybrid fiber cable
- ✓ If a floor contains multiple telecommunications closets then a minimum strand count of 12 strand multimode and 6 strand single mode shall be run between each closet, preferably provided with a single a hybrid fiber cable
- ✓ The minimum strand count from each server room to the Main Distribution Room shall be 12 strand of multimode and 6 strand of single mode, preferably provided with a single hybrid fiber cable
- ✓ All data cables shall be blue colored Category 6, 100 ohm UTP and manufactured by an approved vendor
- ✓ All data cables shall be terminated on an approved category 6 patch panels in the telecommunications closet
- ✓ All data and voice cables shall be terminated at the work area using Systimax category 6 modular data jacks.
- ✓ Work area telecommunications outlets shall be placed one per 100 sq ft and should be within 3' of an electrical outlet and at the same height
- ✓ Each work area outlet shall consist of two blue colored systimax data jacks and two ivory colored voice jacks with a ivory colored Systimax four port flush faceplate
- ✓ Each work area outlet will consist of two blue jacks terminated with data cables, one ivory jack terminated with a voice cable and one un-terminated ivory jack
- ✓ A single pull string should be left in the conduit at each outlet position.
- ✓ ¾" Plywood covering as much wall, floor to ceiling, as possible not to be any smaller than 4' x 8' for the PBX equipment



LAKE COUNTY
FLORIDA

INFORMATION SYSTEMS

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