

Information Technology Environment

| Network Services | |
|------------------------------------|--|
| LAN | Ethernet 100 Mbps Gigabit Ethernet backbone Twisted Pair, Category 5, 5E, 6 Single and Multi-mode Fiber 802.11b/g/n |
| WAN | Metro Ethernet (10 Mbps Circuits) OC12 SONET (synchronous optical network) |
| Network Interface Cards | 10/100/1000 |
| Remote Access | AT&T DSL, Brighthouse Road Runner (Cisco Client VPN) |
| Protocol | TCP/IP |
| Web Application Services | MFN (My Florida Net Internet Access) (90 Mbps) DMZ |
| Internet Access | MFN (My Florida Net Internet Access) (90 Mbps) Time Warner Telecom (Back up Internet) (15 Mbps) Brighthouse (remote location) (5 Mbps) |
| Network Security/Monitoring | |
| Firewall | Cisco ASA 5500 Series Adaptive Security Appliances (5500, 5510, 5520) |
| Routers and Switches | LAN - Cisco 2960, 3550, 3750, 6509 series switches WAN - Cisco 1900, 2600, 2800 series routers |
| Network Management | Cisco Works LAN Management Solution (LMS) Solarwinds Engineers Toolkit |
| Monitoring (Virus & Intrusion) | Symantec Anti-Virus Cisco Intrusion Prevention System (IPS) |
| Telephone Service | |
| Telephone System | Alcatel-Lucent Omni PCX Audio Codes PBX (remote locations) |
| Phones | Alcatel-Lucent 4068, 4038 |
| Transmission Facilities | Leased circuits ESSEX - State-managed AT&T-based switched services Sprint Public switched tariffed business lines |
| Voice Mail | AVST |
| Long Distance Calling | State of Florida SUNCOM network |

| | |
|---|--|
| Cellular Telephone Service | AT&T Sprint/Nextel Verizon |
| Office Systems | |
| E-mail | Novell GroupWise 8.0 |
| Productivity Suite | Microsoft Office XP Professional to Office 2007 Professional |
| Browser | Microsoft Internet Explorer |
| Anti-virus | Symantec Endpoint Protection |
| Mainframe 3270 Emulation Software | IBM PCcom |
| File Services | Microsoft Windows 2003 |
| Anti-SPAM | Tumbleweed E-mail and messaging management system (MMS) |
| Application Systems | |
| Criminal Justice Information System | |
| - Jail Management System | Unisys, Inc. Jail Management System® Oracle |
| - Mugshot System | Dynamic Imaging Systems, Inc. PictureLink® Oracle |
| - Inmate Banking | Swanson Services, Inc. Cobra Banking® Oracle |
| - Message Hub | Microsoft. BizTalk®/MSMQ® SQL |
| - Repository Reporting System | Information Builders, Inc. WebFOCUS® and iWAY Data Migrator® Oracle |
| Electronic Document Management System | Hyland Software, Inc LibertyNet® MS SQL In the process of migrating to OnBase® v10 by Hyland Software |
| Fax Server System | Castelle OpenText® |
| Financial Management System | CGI TECHNOLOGIES AND SOLUTIONS INC. AMS Advantage Financial Management® MS SQL/Oracle |
| Fire Services Reporting & Asset Management System | ACS Government Solutions Firehouse Enterprise® MS SQL |

| | |
|---|---|
| Geographic Information System | ESRI ArcGIS® 10.x suite ArcGIS Desktop MS SQL ArcGIS Server |
| Growth & Resource Management System | CSDC (AMANDA)® Oracle |
| Human Resource System | CGI TECHNOLOGIES AND SOLUTIONS INC. AMS Advantage Human Resource Management® MS SQL/Oracle |
| Medical Examiner Forensic System | The Computer Solutions Company of Virginia, Inc. d/b/a Forensic Advantage Systems Forensic Advantage® |
| Occupational Health Management | PureSafety Corporate Occupational Health Manager ® |
| Performance Budgeting System | CGI TECHNOLOGIES AND SOLUTIONS INC. AMS Advantage Performance Budgeting® MS SQL/Oracle |
| Property Appraisal System | ACS Government Solutions NovalIS Assessment Office ® Oracle |
| Public Works Maintenance Management System | LUCITY, Inc. GBA MS Public Works Maintenance Management System ® MS SQL |
| Risk Management System | Marsh USA, Inc. CS STARS® Vendor hosted |
| Roof Asset Management System | Propeller Head Software RoofManager® MS SQL |
| Tax Collection & Cashiering System Business Tax Tourist Development Tax | Grant Street Group TaxSys® Vendor hosted |
| Time & Attendance System | Kronos, Inc. Kronos Workforce Central® v6.1 MS SQL |
| Value Adjustment Board System | Pioneer Technology Group, LLC AXIA® MS SQL |
| Water Utility Billing | Data West Corporation BillMaster® MS SQL |
| Data Bases Used | |
| | Oracle 9i Oracle 10G MS SQL 2000/2005/2008 |
| Middleware Used (Application Dependent) | |

| | |
|---|--|
| | Cold Fusion Tomcat |
| Reporting Tools (Application Dependent) | |
| | Crystal MS SQL Server Reporting Services IBI WebFOCUS Business Objects |
| Development Tools (Application Dependent) | |
| | J2ee, JSP .Net XML |
| Personal Computers | |
| Desktop (PCs are currently refreshed on a four (4) year cycle). | Current installation standard: HP Intel Core 2 Duo processor (3.00 GHz) Windows XP Professional and Windows 7 Professional 19" LCD widescreen flat panels displays 4GB RAM, 250GB, 7200 rpm Minimum current installed base: HP Core 2 Duo Processor- 2.13 GHz, Windows XP Professional 1GB Ram, 80 GB HD, 17 " LCD Flat Panel display |
| Laptop (Laptops are currently refreshed on a four (4) year cycle). | Current installation standard: HP Intel I5 processor (2.40 GHz). Windows XP Professional and Windows 7 Professional 15.0" XGA TFT active matrix screens 4GB RAM, 160 GB HD Minimum current installed base: HP Core 2 Duo PIV 2.0 GHz, Windows XP Professional 1GB Ram, 80 GB HD 15" Display |
| Mid Range Servers | |
| Microsoft Windows Server 2000/2003 | Dell/IBM Dual CPU (single or dual core) 2GB RAM per CPU (4GB for DB Server) (4) 10/100/1000 NIC ports Redundant Power/Fans/RAID/Hot disks Rack Mountable Dual HBA adapters for SAN attachment |
| Virtual Server Environment | |

| | |
|--|---|
| <p>VMware vSphere 4.1</p> <p>Supports: Win2000, Win2003, Win2008, Linux, Netware</p> | <p>Dell/IBM</p> <p>Quad CPU (dual core, four core, six core)</p> <p>32GB, 64GB, or 128GB RAM</p> <p>(12) 10/100/1000 NIC ports</p> <p>Redundant Power/Fans/RAID/Hot disks</p> <p>Rack Mountable</p> <p>Storage on EqualLogics – PS - series iSCSI</p> |
| <p>Mainframe Server</p> | |
| <p>IBM VM/VSE</p> | <p>IBM Multiprise 2003-227</p> |
| <p>Storage Area Network SAN</p> | |
| | <p>Dell/EMC CX Series (Fiber/IP)</p> <p>EqualLogics – PS - series iSCSI</p> |
| <p>Backup & Recovery Tools</p> | |
| | <p>BakBone (NetVault)</p> <p>DisktoDisktoTape – Overland REO/NEO series</p> <p>Qualstar XLS 832700 (LTO4 tape library)</p> |