EXHIBIT 3
FAIRFAX COUNTY GOVERNMENT AND PUBLIC SCHOOLS
INFORMATION TECHNOLOGY INFRASTRUCTURE
AND IT PROJECT IMPLEMENTATION STANDARDS

The SAP application will be supporting both Fairfax County Government and Fairfax County Public Schools. It is anticipated that the solution will be installed at the Fairfax County Government data center and managed by Fairfax County Government's Department of Information Technology (DIT). Fairfax County Public Schools may house some of the components in a different location, and they will also access and manage those components separately. The County procedures for implementing new technology follow the application hardware standards (e.g., application server, enterprise database, etc.) as defined by the selected SAP software and by Fairfax County Government and Fairfax County Public Schools IT standards. The final solution shall maximize performance and shall provide a seamless solution to integrate the SAP system in both Fairfax County Government and Fairfax County Public Schools existing architecture. The following provides background data for Fairfax County Government and Fairfax County Public Schools' environments and standards.

1. FAIRFAX COUNTY GOVERNMENT

County Government IT Management Overview – The Department of Information Technology (DIT) establishes standards and architecture for information and communication systems that are implemented in agencies throughout the County Government. In that role, DIT provides leadership, governance, process, resources, and expertise in approving and deploying information and communications systems and underlying technology, with the goal to increase the efficiency of County agencies’ services and operations and enhance citizen access to County Government information and services. The Director of DIT is also the County's Chief Technology Officer (CTO) and has authority for strategic leadership for technology investments, and direction in deployment of technology countywide. The CTO also has the responsibility for implementing policy and ensuring that County Government IT plans and projects are implemented in a manner consistent with principles of standardization, scalability, security, and supportability. The CTO has the responsibility for ensuring these policies and plans help enable County Government efficiency and cost-effectiveness, promote open government, and are in alignment with the objectives of the project funded and County Government mission and vision elements.

County Government IT projects follow specific guidelines for governance. All projects are assigned an overall business project manager (PM) or director (depending on size and scope); a technical project manager appointed by DIT for decisions about technical implementation and integration and coordination of technical resources in DIT; stakeholder agency subject matter experts and/or and agency specific PM. The project has a Project Steering Committee of the directors of the stakeholder agencies, Deputy County Executive sponsor, and Chief Technology Officer or designee. This committee provides direction, policy and scope for the project. The project director staffs the work of the Steering Committee. In addition, DIT has an IT Project Management Office (PMO) and Architecture Review Board that advise and approve technical design and implementation.

The County Government's IT portfolio encompasses an array of systems, infrastructure, plans, and procedures covering the full spectrum of technology services. Descriptions of the County Government’s enterprise IT architecture, standards, and platforms are provided below. Vendors working on implementation of systems that are integrated into the County
Government’s IT environment must use these or updated standards and the manufacturer-recommended specifications for that solution.

**Enterprise Information Technology Environment Overview** – The County Government developed an approach to its IT architecture that maximizes the return on IT investments and emphasizes and ensures reliability, scalability, and security, while promoting standards-based acquisition that can be adapted across the enterprise. The County Government has adopted a simplified greening approach to its landscape by promoting smart technologies that can both improve the efficient performance and reduce the energy consumed when the computer is in an inactive state. The strategy includes the use of virtualization through consolidation for most pre-production environments. DIT operates a central, enterprise-wide technology infrastructure that includes communication networks, server and client platforms, operating systems, software, databases, enterprise email and messaging systems, (i.e., office productivity, collaboration), document imaging networks, storage platform, and other supporting software and tools (i.e., middleware integration, security, system management, and performance monitoring) to implement and support line of business applications. In addition, the technology infrastructure is the base for providing essential services (i.e., authentication, storage, file sharing, network addressing, directory, remote access, etc.) that are necessary to implement technology solutions that address validated business and technical requirements and allow for efficient integration of additional infrastructure services and new technologies into the enterprise. Providers should reference these standards when developing responses to IT system solicitations.

**County Government Information Systems Requirements** – Information systems delivery and management is governed by an Architecture Review Board and other program specific committees that are chartered to advise and/or direct development efforts and promote conformance to a variety of standards including but not limited to those in the Fairfax County Information Technology Standards (see Exhibit 3-A). In general, solutions must meet the following requirements:

- **Enterprise Standards**: The proposed solution must adhere to County Government IT Enterprise Architecture and Standards. The County Government standards are consistent with those being adopted by large, complex enterprises of similar scope, scale, and portfolio diversity and industry best practices that enable interoperability across disparate systems. Often County Government applications are non-generic varieties specific to local government requirements and/or market and may require interoperability with state and federal processes, thus the County Government standards include standards being promulgated by the federal government. Corporate applications will typically use industry best of breed that has government focused versions.

- **Application Platforms and Architecture**: The County Government has adopted the .Net platform for new development and interfaces utilizing XML-based web services. The County Government prefers to use its selected standard enterprise tools for application integration over any proprietary or non-conforming approach in bridging systems and exchanging data.

- **Application Integration and Interoperability**: The County Government is adopting services-oriented architecture and is working toward a set of standards for publishing, consuming, and orchestrating services. Generally speaking, the County Government prefers to use its selected standard enterprise tools for application integration over any proprietary or non-conforming approach in bridging systems and exchanging data. Please refer to Exhibit 3-A – Fairfax County Information Technology Standards.
• **E-Business Integration:** County Government E-government strategy is to enable and empower a citizen centric government whereby citizens, businesses, other government entities and employees can access government information and value-added services at any time and from anywhere. The County Government has adopted an architecture that enables the dynamic sharing of services for government-to-government (G2G), government-to-business (G2B) and government-to-citizen (G2C). The Service Oriented Architecture and the use of Extensible Markup Language (XML) is the County Government’s preferred methodology for providing these service integrations.

• **Web Platform:** The County Government has standard templates that are required for its websites to provide maximum consistency across applications and content. Any hosted applications and COTS applications will be required to incorporate the County Government templates as the user interface design in presenting their screens through the Public WEB. DIT will provide the templates and technical guidance for implementation. The County Government is in the process of implementing Microsoft SharePoint Moss 2007 as its intranet platform. Any intranet solution will be required to integrate with SharePoint and .Net framework.

• **County Government Intranet ('InfoWeb'):** The County Government intranet is being redesigned based-on the SharePoint framework. The InfoWeb will be the portal for employee access to County Government applications.

• **RDMS Platform:** The database platforms are Oracle (latest release) on UNIX-based servers or Microsoft SQL Server (latest release) on Windows-based servers. All database-related components of the solution (e.g., tables, stored procedures, scripts, XML schema, and related information) must be fully accessible and available for supportability by central DIT. COTS solutions must be developed and configured using prescribed standards for Oracle or SQL and be flexible for hardware consolidations and virtualization.

• **Storage and Backup:** For server-based applications and systems, the County Government currently uses either storage area network (SAN) or network attached storage (NAS) technologies. The County Government uses Symantec NetBackup for backup and recovery services.

• **Analytics and Reporting:** The County Government currently uses several industry standard reporting tools associated with COTS solutions. The County Government prefers that new solutions are compatible with its current environment in relation to standard report products and minimize the use of embedded and proprietary tools as the sole means of producing management and operations reports. Any such components need to be replaceable with the County Government’s standard reporting and analysis solutions as needed. Also, the County Government prefers to isolate the reporting environment from the transactional system so that report analytics and deep system interrogation can be accomplished while in production mode without affecting user system performance experience.

• **Geographic Information Systems (GIS):** The County Government has invested significant resources to develop an in-house GIS operation. As of 2009, the County Government’s GIS data warehouse contained over 600 layers of data with over 100 GB of vector data 4 TB of raster imagery.
Included in the warehouse are the outlines of over 358,000 parcels; 365,000 addresses; 257,000 building footprints and over 4,700 miles of roads. The County Government is using ESRI SDE and Oracle Spatial to manage its data warehouse.

A multimodal transportation model has been developed and implemented. It stores the data for centerline that is used in the new CAD/911 system. The centerline has been significantly augmented and enhanced in response to the complex needs of the CAD/911 system. The County Government’s GIS environment is moving toward adopting a service-oriented architecture. Oracle 10g Spatial Option will provide much of the core functionality. Access and integration can be accomplished via web services through standards-based tools such as SQL, XML and SOAP. The County Government has moved to ArcGIS server 9.3. It has implemented an internal web based-application (Orion’s OnPoint) for GIS users and is implementing a web-based 3-D application (Skyline) for public use. The County Government stores most of its vector GIS data using ESRI’s ARC SDE in Oracle 10g. Additionally, some of the GIS data is stored in Oracle Spatial format. Raster data can be in MRSID, TIFF, and JPEG formats. Image server is being evaluated as a possible tool to manage and speed delivery of imagery. New systems are expected to directly link to the GIS data without conversion. Preferred connections are directly linked to Oracle spatial. Secondarily, connections to ArcGIS server can be made. If the system cannot do so, the reason must be documented along with the approach to handle data extracts and keep them updated. All connections to GIS resources must be coordinated with the GIS data administrator.

The GIS Branch in DIT maintains both GIS development and testing environments. Developing applications must be tested with these systems before they are approved to move to production.

Enterprise Data Communications Network – The Fairfax County Government Enterprise Data Communications Network encompasses both a private fiber I-net WAN augmented by telecom carrier circuits to sites not on the I-net and internal LANs in buildings architected through communications equipment (i.e., routers and switches). It provides secure countywide access to information technology resources, connecting approximately 14,000 end-point computer devices in over 300 locations. The portfolio of computer systems includes personal computers, printers, over 1,000 Intel and Unix based servers, and the IBM MVS mainframe computer (i.e., the current host of the legacy systems being replaced through the ERP project).

The Enterprise WAN includes two different architectures. The I-Net is a dark fiber ring via a 10 gigabit DWDM fiber optic backbone over seven hub sites and two key resource centers. The I-Net also employs MPLS (Multi-protocol Label Switching)/VRF (VPN Routing & Forwarding) to allow I-Net to service many types of diverse data traffic whether it is County Government, public access, public safety, government/schools partner enterprise, and general government partners. The new County Government voice platform (Avaya) runs over the I-Net with VoIP capabilities available for voice/data integration requirements. The remaining WAN sites are supported via Verizon ATM and TLS services.

Wireless network strategy involves the following technologies:

- Both indoor and outdoor centrally managed 802.11 wireless access-points.
- Commercial high speed data from various vendors (AT&T, Verizon, Sprint).
The various wireless technologies, both commercial and 802.11x, are rapidly expanding throughout the County Government’s network. All supported network systems are based upon open standards and compliance with published standards for any network-connected device or system. The County Government standard network protocol is TCP/IP. Gigabit Ethernet is the standard backbone speed in the County Government and 100 MBPS is the standard desktop speed. NetMotion is used to allow seamless mobility between wireless architectures and to provide a secure VPN tunnel.

**Security Infrastructure** – The County Government has implemented a CISCO “Safe” architecture dividing our perimeter into five business groups:

- **E-Commerce** – supports all public facing web services providing access to County Government resources for both citizen and businesses.
- **Internet Access** – controls County Government employee access to the internet and allows for content and virus scanning.
- **Partners** – allows connections to external “Trusted Partners” to include other Fairfax County entities, Commonwealth of Virginia, as well as public safety connections for several adjoining jurisdictions. This module also supports remote access to the County Government via VPN to a secure portal using SecureID cards for authentication.
- **Emergency Operations** – supports a secure connection for the County Government’s Emergency Operations Center providing IT resources to the Department of Emergency Operations.
- **Public Access** – serves the County Government’s Libraries and Community and Recreation Services.

**Voice Communications Network** – The County Government’s Voice Communications Network supports over 30,000 end points providing voice communications services to all County Government agencies, as well as various affiliates via County Government-owned systems located in buildings throughout the County Government. These systems connect via telephone company lines and several direct County Government-owned connections are managed centrally through the network, supporting local and long-distance calling, call centers, IVR (Interactive Voice Response) systems, voice mail, conference bridging, audio-video teleconferencing, hot-lines, special ‘800’ numbers for specific programs, industrial systems monitoring devices, and residential services for County Government-operated group homes and apartments. The County Government’s new IP-based telephony platform can enable integration with enterprise messaging and data platforms. With its ability to leverage the cost-saving technology inherent with the County Government’s Fiber Optic Network (I-Net), our new Avaya platform has been able to more fully exploit the broadband capability that the County Government’s fiber network provides. VoIP will facilitate integration of voice and data integration for supporting telework.

**Systems Development and Life Cycle (SDLC)** – Any software component that requires design and development effort beyond configurations of the SAP software suite shall follow the County Government’s SDLC standards outlined below.

- **Business process redesign**: Roles and proposed process flows shall be depicted in a swim lane diagram to be referenced by a requirement document. For independent verification and validation, reasons why SAP software cannot achieve the required business process out-of-the-box configuration are required to be submitted to the County Government’s technical review committee.
• **Requirement analysis:** Acceptable formats of a requirement document include use cases, software requirements specification, and prototyping. Prior to the start of the development life cycle, the project’s prime contractor proposes a standard template format based on the proposed requirement document and works with the County Government’s technical review committee for approval. Regardless of the selected format, the delivered requirement document must contain the following sections: business requirements, functional requirements, technical requirements, and performance requirements.

• **Design analysis:** If the designed software component requires modification of the existing data schema, then a logical data model that references the requirements document and a physical data model that conforms to the selected relational database management system require a review and acceptance session with the County Government’s technical review committee. For designed software components that utilize object-oriented technology, a class diagram and a sequence diagram must be provided and reviewed by County Government staff prior to code implementation.

• **Development:** All developed software components must be versioned as a configuration item to be controlled by the County Government’s software configuration management process. As part of this process vendor provided scripts will be used as a configuration item to enable a non-manual integration process with the rest of the configured ERP suite.

• **Test and pre-production environment:** All templates for the test plan need to be submitted and approved prior to the Requirement Analysis phase process. All test plans need to be submitted prior to the Development phase for approval by the County Government’s technical review committee. All software components to be developed beyond normal out-of-box configuration effort must be testable under an approved pre-production environment for the whole ERP suite.

• **Implementation:** Developed software components must follow the County Government’s Change Management process to be promoted from the pre-production environment to the production environment. The delivery of any proposed solutions must fully conform to the County Government’s Change Management process and requirements. In general, County Government staff will manage and promote changes to the production environment only upon clearance through a change management process. Direct access to the production environment is generally prohibited except for vendor-hosted solutions.

• **Deliverable documentation:** Deliverable documentation standards for content and quality are reviewed and approved by the County Government when such requirements exist. The County Government must have unrestricted use to reproduce and distribute any deliverables and documentation for any internal needs. In addition, the County Government must be permitted to distribute deliverables at its discretion to a third party to enable independent verification and validation.

Variations – Variations from the architecture and standards may present a barrier to the sustainability of the County Government’s integration and interoperability posture and may be reviewed with prejudice.
Security Standards and Policies – The Information Technology Security policy applies to all information obtained, created or maintained by County Government automated information systems. This policy applies equally to all levels of management and to all existing and future information systems at the County Government. All agencies and persons that may develop, implement, or use County Government information systems shall abide by requirements and procedures established by the County Government’s Information Technology Security Office as authorized by the County Executive. Adherence to all other policies, practice standards, procedures and guidelines issued in support of these policy statements is mandatory. Where specific standards and procedures for a policy have not yet been established and documented, all persons with access to County Government information systems are expected to follow the principles of this policy as well as apply caution in all efforts to safeguard County Government information, equipment and data. To read the County Government’s policy, go to http://www.fairfaxcounty.gov/dit/iso/pm70-05_01.pdf.

Hardware and Networking Environment – See Exhibit 3-A – Information Technology Standards for information regarding the hardware and networking environment.

Enterprise Application Software – Below is a list of existing software used by County Government that the Offeror may have to use/leverage, integrate with, and/or be aware of during implementation of the SAP product suite. Below are the standards based on platforms.

<table>
<thead>
<tr>
<th>Desktop Operating System</th>
<th>• Windows XP, Windows Vista</th>
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<tbody>
<tr>
<td>Server Operating System</td>
<td>• Windows 2003/2008 Server</td>
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<td></td>
<td>• SUN Solaris 10</td>
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<tr>
<td>Productivity Software</td>
<td>• Microsoft Office Professional 2003/2007</td>
</tr>
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<td></td>
<td>• Word, Excel, InfoPath, Outlook, PowerPoint, Publisher, Access</td>
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<tr>
<td></td>
<td>• Microsoft Visio</td>
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<td></td>
<td>• Microsoft Project</td>
</tr>
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<td></td>
<td>• Adobe Acrobat</td>
</tr>
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<td></td>
<td>• DocuAnalyzer</td>
</tr>
<tr>
<td>Remote Access</td>
<td>• Citrix XenApp</td>
</tr>
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<td></td>
<td>• Microsoft Terminal Services</td>
</tr>
<tr>
<td>Backup and Recovery</td>
<td>• Symantec Netbackup</td>
</tr>
<tr>
<td></td>
<td>• Quest Recovery Manager</td>
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<tr>
<td>Server Management/Monitoring</td>
<td>• Microsoft System Center Operations Manager</td>
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<tr>
<td></td>
<td>• Veritas Storage Foundation</td>
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<tr>
<td></td>
<td>• Dell OPenManage</td>
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<td></td>
<td>• SUN MC</td>
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<td></td>
<td>• SilverStreak</td>
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<tr>
<td></td>
<td>• Oracle Enterprise Manager</td>
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<tr>
<td></td>
<td>• VMWARE Virtual Center</td>
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<td></td>
<td>• Infra IT Service Desk</td>
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<tr>
<td>Operating System Monitoring</td>
<td>• Servista</td>
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<tr>
<td></td>
<td>• Microsoft System Center Operations Manager</td>
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<tr>
<td></td>
<td>• EMC Operations Manager</td>
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<tr>
<td></td>
<td>• Quest Spotlight</td>
</tr>
<tr>
<td></td>
<td>• SilverStreak</td>
</tr>
<tr>
<td></td>
<td>• VMWARE Virtual Center</td>
</tr>
<tr>
<td></td>
<td>• Veritas Storage Foundation</td>
</tr>
</tbody>
</table>
| Storage Management/Monitoring | • EMC Operations Manager  
• Netapp  
• IBM XIV  
• Microsoft System Center Operations Manager  
• Infra IT Service |
| Network Management/Monitoring | • Infra IT Service Desk  
• Orion Solarwinds |
| Security Management/Monitoring | • Symantec Endpoint  
• Quest Intrust  
• Quest Reporter  
• Symantec Deepsight  
• DBProtect |
| Capacity Planning | • VMWARE Virtual Center  
• Microsoft System Center Configuration Manager |
| Databases | • Oracle 10G  
• Microsoft SQL Server 2005 |
| Web | • Microsoft IIS 6.0/7.0  
• Apache  
• IE 6.0/7.0  
• Documentum WCM |
| Messaging/Collaboration | • Microsoft Sharepoint  
• Microsoft OCS  
• Exchange 2003  
• Avaya |
| Mobile Application | • Syclo  
• Blackberry Enterprise Server |
| Application Development | • Oracle Application Server 10g  
• Microsoft IIS 6.0 and 7.0  
• Tomcat  
• JBOSS  
• .NET Framework  
• JAVA  
• Microsoft Visual Studio  
• Doc 1  
• Document Direct  
• Microsoft SQL Server 2005  
• MS Developer Network  
• MS Management Studio  
• SQL Enterprise Manager  
• VB Script  
• webMethods Developer 6.5  
• Dream Weaver  
• Homesite45  
• Java Web Smart  
• JavaScript  
• MS SOAP Toolkit  
• MZTools  
• Adobe PhotoShop |
### Application Monitoring
- Servista
- Microsoft System Center Operations Manager
- Quest Spotlight
- Quest Toad
- Citrix EdgeSight

### Application/Stress Testing
- Load Runner
- VMWARE Workstation
- VMWARE LabManager
- Quest vWorkspace

### Application Change Management
- Serena Version Manager
- Infra IT Service Desk

### Configuration Management
- Microsoft System Center Configuration Manager
- Infra IT Service Desk
- IBM Main Control

### Application Distribution
- Microsoft System Center Configuration Manager
- TumbleWeed SecureFTP

### Reporting/Output Management
- SQL Reporting Services 2005
- Business Objects
- Crystal Reports
- SAS

### Authentication
- Windows 2003 Server/Active Directory
- CA Etrus

### Workflow
- Infra ServiceDesk
- Quest ActiveRoles
- Prodagio
- Documentum

### Enterprise Application Integration (EAI)
- WebMethods
- Microsoft BizTalk

### Enterprise Search
- Google Search Engine
- Microsoft Search

### Data Analysis
- SQL Analysis Services

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2. **FAIRFAX COUNTY PUBLIC SCHOOLS**

The Fairfax County Public Schools (FCPS) Department of Information Technology has implemented a continual service improvement program that seeks to align its current business processes with industry best practices and standards to ensure consistent, repeatable, documented business processes. FCPS has adopted the international standard Information Technology Library (ITIL) as its service management framework to support its delivery of world-class IT services.

FCPS supports client server systems for both instructional and administrative applications. Most applications are accessed through school-wide LANs with Windows operating systems. FCPS currently operates a Transparent LAN Services (TLS) network which is a Gigabit Ethernet technology based wide-area network. This network provides 100 Mbps connection to high schools and middle schools and 10 Mbps connectivity to elementary schools. Exhibit 3-B illustrates the FCPS WAN topology.

The IT architecture for FCPS consists of two (2) general application areas – instructional and administrative. Most schools and administrative centers are equipped with a network
of HP Compaq computers and Dell Intel-based computers. Local Area Networks (LANS) are primarily Windows based.

**Hardware and Networking Environment:**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Platforms</td>
<td>Windows 2003 Server, R2, SP2</td>
</tr>
<tr>
<td></td>
<td>SUN Solaris 8,9,10</td>
</tr>
<tr>
<td></td>
<td>Red Hat Linux Enterprise 3.0 and 4.0</td>
</tr>
<tr>
<td>Networking</td>
<td>TCP/IP</td>
</tr>
<tr>
<td></td>
<td>Wireless 802.11g</td>
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<tr>
<td></td>
<td>802.1x (PEAP)</td>
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<td></td>
<td>VPN (Cisco)</td>
</tr>
<tr>
<td>Handheld Devices</td>
<td>RIM Blackberry</td>
</tr>
<tr>
<td></td>
<td>HP iPAQ Pocket PC hx2490b</td>
</tr>
<tr>
<td>System Management</td>
<td>Microsoft MOM 2007</td>
</tr>
<tr>
<td></td>
<td>HP Insight Manager</td>
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<td></td>
<td>Nagios</td>
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<td></td>
<td>Solarwinds</td>
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<td></td>
<td>Microsoft SMS 2003</td>
</tr>
<tr>
<td>Building Access Systems</td>
<td>DMP SystemLink</td>
</tr>
<tr>
<td>Phone Systems</td>
<td>Mitel and Siemens</td>
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<tr>
<td>Outbound Calling Systems</td>
<td>EasyCaller, PhoneMaster and School Messenger</td>
</tr>
</tbody>
</table>

**Enterprise Application Environment:**

The following is a list of major FCPS applications:

<table>
<thead>
<tr>
<th>Databases</th>
<th>Oracle 8 and Higher, predominantly 9i</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Servers</td>
<td>iPlanet 6.0</td>
</tr>
<tr>
<td></td>
<td>Microsoft IIS 6.0</td>
</tr>
<tr>
<td></td>
<td>Microsoft IIS 5.0</td>
</tr>
<tr>
<td></td>
<td>Apache 1.3</td>
</tr>
<tr>
<td></td>
<td>Apache 2.0</td>
</tr>
<tr>
<td>Anti Virus</td>
<td>McAfee (Desktop)</td>
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<tr>
<td></td>
<td>Trend Micro Server Protect</td>
</tr>
<tr>
<td>Application Servers</td>
<td>Oracle Application Server 10g</td>
</tr>
<tr>
<td></td>
<td>Oracle HTMLDB</td>
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<tr>
<td></td>
<td>Microsoft IIS 6.0 and 5.0</td>
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<tr>
<td></td>
<td>Tomcat 4.x</td>
</tr>
<tr>
<td></td>
<td>WebSphere (potential future use)</td>
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<tr>
<td></td>
<td>JRun 4.0</td>
</tr>
<tr>
<td></td>
<td>Coldfusion 6.1 Standard</td>
</tr>
<tr>
<td></td>
<td>Coldfusion MX 7.01 Enterprise</td>
</tr>
<tr>
<td>Directory Authentication Servers</td>
<td>Oracle Internet Directory (OID)</td>
</tr>
<tr>
<td></td>
<td>Windows 2003 Server/Active Directory</td>
</tr>
<tr>
<td></td>
<td>Microsoft Internet Authentication Server (RADIUS &amp; PEAP)</td>
</tr>
<tr>
<td></td>
<td>Novell Identity Manager, eDirectory and Access Manager</td>
</tr>
<tr>
<td>Workflow</td>
<td>Oracle Workflow</td>
</tr>
</tbody>
</table>
### Enterprise Application Integration (EAI)
- WebMethods Integration Server

### Web Content Filtering
- Websense Enterprise

### Mobile Presentation Servers
- Defywire Mobility Suite

### Internally Hosted COTS Client/Server Applications
- SASI-Student Information System
- Lawson Human Resources
- Trapeze MapNet
- School-Link Technologies WINSNAP and myLunchMoney-Food Services

### Internally Hosted and Developed Web Applications
- Lawson UConnect HR Web Portal
- Microsoft Exchange 2003/Outlook Web Access
- BMC Remedy
- SIRSI – Ecole Library Information System
- Edupoint Genesea Online IEP (SEA-STARS)
- Kenexa BrassRing eRecruiter and CareerQuest
- eSchool Solutions SEMS
- Riverdeep Destination Math Portal
- On-course (http://its.epsb.net/oncourse.html)

### Internally Hosted and Developed Web Applications
- ACIS – Asset Management/Inventory Internally developed Oracle Application
- Curriculum Repository – Internally developed ColdFusion application
- EDSL – Data Warehouse, internally developed Oracle Application
- EFTS (Electronic Fitness Training System) Internally developed Oracle Application
- weCare, emergency care application
- Special Transportation Request (STARS) database, (FCPS built.NET application)

### Externally Hosted Web Applications
- Blackboard Web Portal
- eCART (Electronic Curriculum Assessment Resource Tool) built on Blackboard and Northrop Grumman’s Aspire
- Medianext Email Notification
- Naviance Counselor’s Office
- FSDirect SchoolDude
- Softura Registration Manager
- True North Logic, MyPLT learning management system
- Various commercial Web databases accessed by Username/Password or by Named IP Address

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FCPS has a number of helpful resources that are available online to assist the Offeror in learning more about FCPS.

- District Web Site URL: [http://www.fcps.edu/](http://www.fcps.edu/)
- Technology Plan: [http://www.fcps.edu/DIT/techplan/tech.html](http://www.fcps.edu/DIT/techplan/tech.html)
- Purchasing Services: [http://www.fcps.edu/fs/procurement/](http://www.fcps.edu/fs/procurement/)
- Information Technology: [http://www.fcps.edu/DIT/](http://www.fcps.edu/DIT/)