



Appendix D  
Technical Features List

RQM-ID	Core Code	Priority	Requirement Name	Requirement Text	Response	Comment
FEAT891	Core	Medium	Recoverable using backup storage media	The solution shall be recoverable from backup storage media.		
FEAT893	Desired	Medium	Support Load Sharing High Availability	The solution should utilize load sharing HA.		
FEAT897	Core	Medium	System shall scale horizontally	All tiers of the solution shall scale horizontally.		
FEAT919	Core	Medium	Provide security auditing	Security auditing shall be provided.		
FEAT834	Core	High	Support TWAIN (2.1) scanner interface	The solution shall support TWAIN (2.1) software protocol.		
FEAT836	Core	Medium	Support XHTML compliant web browser	Any eXtensible Hypertext Markup Language (XHTML) 1.1 transitional standard compliant web browser shall be supported.		
FEAT858	Core	Medium	WCAG 2.0 compliant	Solution should be Web Content Accessibility Guidelines (WCAG) 2.0 compliant.		
FEAT878	Core	Medium	Compatible with Apache web server	The solution web tier shall be compatible with Apache web server.		
FEAT853	Core	Medium	Production data stored on SAN	Production live data shall be stored on SAN.		
FEAT271	Core	Medium	Web browser base client	The system shall provide user access via Web browser-based clients.		
FEAT400	Core	Medium	Mail Services - Provide integration with Judicial Branch e-mail systems	The system shall provide integration with the branch supported e-mail system.		
FEAT876	Core	Medium	Support transformation of content types	Solution shall provide controlled and traceable format transformations between supported document types.		



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RQM-ID	Core Code	Priority	Requirement Name	Requirement Text	Response	Comment
FEAT798	Core	Medium	Webservice/API	The solution must allow external application access to its features and functionality via a Web Service or API. The solution should provide an open API to facilitate custom development/integration, if necessary.		
FEAT835	Core	Medium	Support MS Explorer 6.X	Microsoft Internet Explorer 6.x (and later) shall be supported.		
FEAT837	Core	Medium	Free of Client side plug-in	Client side plug-ins should not be required.		
FEAT838	Core	Medium	Free of Client-side ActiveX controls	Client-side ActiveX controls should not be required.		
FEAT839	Core	Medium	Integrate with MS Exchange 2003	The solution shall integrate with Microsoft Exchange 2003.		
FEAT840	Core	Medium	Integrate with MS Exchange 2007	The solution shall integrate with Microsoft Exchange 2007.		
FEAT841	Core	Medium	Support Mime	The solution shall support MIME.		
FEAT842	Core	Medium	Support SMTP	The solution shall support SMTP.		
FEAT843	Core	Medium	Integrate with MS Office Pro 2003 suite	The solution shall integrate with the Microsoft Office Professional 2003 (and later) suite of applications.		
FEAT845	Core	Medium	SOAP 1.2 Web services compliant	Web services shall be SOAP 1.2 compliant.		
FEAT846	Core	Medium	WSDL standard compliant	Solution shall be WSDL standard compliant.		
FEAT847	Core	Medium	UDDI standard compliant	Solution shall be UDDI standard compliant.		
FEAT848	Core	Medium	CMIS compliant	Solution should be Content Management Interoperability Services (CMIS) compliant.		
FEAT850	Core	Medium	WSRP compliant	Solution should be Web Services for Remote Portals (WSRP) compliant.		
FEAT851	Core	Medium	JSR-168 compliant	Solution should be JSR168 compliant.		
FEAT852	Core	Medium	JSR-286 compliant	Solution should be JSR-286 compliant.		
FEAT857	Core	Medium	US Section 508 compliant	Solution shall be US Section 508 compliant.		



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FEAT870	Core	Medium	Integrate with MS Office Pro 2003 suite	Desktop components shall integrate with the Microsoft Office Professional 2003 (and later) application suite.		
FEAT872	Core	Medium	Support MS Windows XP SP3	Desktop components shall support MS Windows XP SP3.		
FEAT833	Core	High	Support ISIS scanner Interface	The solution shall support Image and Scanner Interface Specification (ISIS).		
FEAT881	Core	Medium	Minimize user impact from maintenance of components	Maintenance of components should be achievable with minimal impact to the user experience.		
FEAT889	Core	Medium	Support business continuity using SAN to SAN	The solution should be compatible with existing CCTC business continuity strategy using SAN to SAN replication.		
FEAT890	Core	Medium	Support business continuity using SAN to SAN	The solution should be compatible with existing CCTC business continuity strategy using SAN to SAN replication.		
FEAT863	Core	High	Support IP Protocols	Internet Protocols (IP) shall be supported.		
FEAT860	Core	Medium	Outage window	Downtime outage window requirements shall be supported.		
FEAT861	Core	Medium	Outage window	Downtime outage window requirements shall be supported.		
FEAT862	Core	Medium	Compatibility with AOC Shared Services	The deployment architecture shall support the California Court Technology Center (CCTC) Administrative Office of the Courts (AOC) shared services model with an outsourced co-location managed service provider where computer systems are centrally hosted in a highly available and secure fashion.		
FEAT866	Core	Medium	Compatible with CISCO network devices	The solution shall be compatible with CISCO network infrastructure devices.		



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RQM-ID	Core Code	Priority	Requirement Name	Requirement Text	Response	Comment
FEAT867	Core	Medium	Support Blue proxy servers	Blue Coat proxy servers shall be supported.		
FEAT868	Core	Medium	Support Oracle 11g	Database tier should be implemented with Oracle 11g.		
FEAT869	Core	Medium	Support Oracle RAC	The solution should be certified on Oracle Real Application Cluster (RAC).		
FEAT880	Core	Medium	Support Modular architecture	The architecture shall be modular.		
FEAT882	Core	Medium	Support Monitoring and alerting	Monitoring and alerting shall be supported.		
FEAT884	Core	Medium	Support Proactive notification of system events	The solution shall provide proactive notification of events that impact system function or availability within one minute of occurrence.		
FEAT885	Core	Medium	Support BMC Patrol for monitoring and alerting	BMC Patrol monitoring and alerting shall be supported.		
FEAT886	Core	Medium	Support enterprise grade monitoring and alerting tools	Enterprise grade monitoring and alerting tools shall be supported.		
FEAT887	Core	Medium	Cross-certification of components	Solution components shall be cross-certified by their vendors for operation in the integrated environment.		
FEAT888	Core	Medium	Support 4hr Disaster Recovery at a secondary site	The solution architecture shall support disaster recovery within four hours at a secondary site.		
FEAT892	Core	Medium	Support High Availability technology	High availability (HA) shall be supported.		
FEAT894	Core	Medium	Periodic system restarts	Periodic restarts to recover from system degradation shall not be required.		
FEAT895	Core	Medium	Support Class one system availability	Mission critical class one 99.90% availability shall be supported.		



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RQM-ID	Core Code	Priority	Requirement Name	Requirement Text	Response	Comment
FEAT896	Core	Medium	Deployable without single points of failure	The solution shall be deployed without single points of failure.		
FEAT898	Core	Medium	System shall scale vertically	All tiers of the solution shall scale vertically.		
FEAT927	Core	Medium	Recoverable using backup storage media	The solution shall be recoverable from backup storage media.		
FEAT916	Core	Medium	Support tiered deployment architecture	A deployment architecture that separates each of the tiers with firewalls shall be supported.		
FEAT923	Core	Medium	Provide comprehensive port communication documentations	All ports used for communication shall be explicitly and accurately documented.		
FEAT855	Core	High	User Authentication	Users shall be authenticated before access is granted.		
FEAT856	Core	High	Authorization before access permitted	Users shall be authorized before access is permitted.		
FEAT830	Core	High	Document level access control	Document level access controls shall be enforced.		
FEAT831	Core	High	Folder level access control	Folder level access controls shall be enforced.		
FEAT899	Core	Medium	Independent DMS security solution shall be available	For installations without shared security services, a security solution shall be provided.		
FEAT900	Core	Medium	Unauthorized User access shall not be permitted	No unauthorized user shall be granted access.		
FEAT901	Core	Medium	Support configurable password complexity	The security solution shall support configurable password complexity.		
FEAT902	Core	Medium	Support configurable password reuse	The security solution shall support configurable restrictions on password reuse (password history restrictions).		



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RQM-ID	Core Code	Priority	Requirement Name	Requirement Text	Response	Comment
FEAT903	Core	Medium	Support LDAP v3 authentication	Lightweight Directory Access Protocol (LDAP) v3 authentication shall be supported.		
FEAT904	Core	Medium	Support MS Active Directory	Microsoft Active Directory (AD) shall be supported.		
FEAT905	Core	Medium	Support share security services	Shared security services shall be supported.		
FEAT907	Core	Medium	Second security challenge by DMS shall not be required	When a valid authorization is returned by the security service, a second challenge shall not be presented by the DMS to the client.		
FEAT908	Core	Medium	Support federated security	Federated security shall be supported.		
FEAT909	Core	Medium	Support single sign-on	Single sign-on (SSO) shall be supported.		
FEAT910	Core	Medium	Identity propagation	Identity shall be propagated across all tiers and components.		
FEAT911	Core	Medium	Support SSL	Encrypted Secure Sockets Layer (SSL) communications shall be supported.		
FEAT912	Core	Medium	Use HTTPS for communications	Communication between client and solution shall be HTTPS.		
FEAT913	Core	Medium	File Transfer Security	File Transfer Protocol exchanges shall use FTPS or SFTP.		
FEAT914	Core	Medium	Support Defense-in-Depth security	Defense-in-depth security shall be supported.		
FEAT915	Core	Medium	Support AOC Layered Security Architecture	Architecture shall be compliant with AOC Layered Security Architecture (LSA), consisting of a minimum of four architectural tiers: proxy, presentation, application and database.		
FEAT917	Core	Medium	Security shall prevent brute-force password attacks	Mechanisms that evade brute-force password attacks shall exist.		
FEAT918	Core	Medium	Enforce session time-outs	Session time-outs shall be enforced.		



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RQM-ID	Core Code	Priority	Requirement Name	Requirement Text	Response	Comment
FEAT920	Core	Medium	Record system access events	System access events shall be recorded.		
FEAT921	Core	Medium	Record failed access events	Failed access events shall be recorded.		
FEAT922	Core	Medium	Provide Transparent Data Encryption	Transparent Data Encryption (TDE) shall protect private information.		
FEAT924	Core	Medium	Support auditing	Efficiency auditing shall be supported.		
FEAT925	Core	Medium	Support compliance auditing	Compliance auditing shall be supported.		
FEAT808	Core	Medium	Conversion between differing storage mediums	The solution shall automatically support conversion between differing supported storage mediums.		
FEAT768	Core	High	Media Support	The solution shall support various types of storage media such as Optical Jukeboxes, WORM, FATA, SSD, FC drives.		
FEAT809	Core	Medium	Support long-term storage media	The solution shall support long-term storage media.		
FEAT810	Core	Medium	Support near-online storage	The solution shall support near-online storage.		
FEAT811	Core	Medium	Support offline storage	The solution shall support offline storage.		
FEAT854	Core	Medium	Support variety of live storage media	The solution shall support live data storage on other storage media, including local disk or NAS at the discretion of the Judicial Branch.		
FEAT864	Core	Medium	Support Storage Attached Network	Production live data shall be stored on Storage Attached Network (SAN).		
FEAT865	Core	Medium	Support Networked Attached Storage	The solution shall also be capable of live data storage on other storage media, including local disk or Network Attached Storage (NAS) at the discretion of the California Judicial Branch.		



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FEAT806	Core	Medium	Support Electronic Archiving	Electronic archiving shall be supported.		
FEAT778	Core	Medium	Digital Signatures	The solution must support Digital Signatures.		
FEAT812	Core	Medium	Reliable checkout when repository connectivity is lost	Users should not be prevented from working with checked-out content when repository connectivity has been lost.		
FEAT786	Core	Medium	Help	Integrated help system accessible from the client shall exist.		
FEAT209	Desired	Medium	Digital Assets Management	The solution shall manage digital assets.		
FEAT25	Desired	Medium	Compatible with Education Content Authoring Tools	System shall be compliant with standard desired education media content authoring tools such as Adobe Premiere Plus.		
FEAT430	Desired	Medium	Microsoft Applications Integration - Automatic indexing using MS office document properties	The system shall include MS Office document properties in document metadata.		
FEAT844	Desired	Medium	Provide an API	The solution should provide an Application Programmer's Interface (API).		
FEAT874	Desired	Medium	Support MS Windows 7	Desktop components should support MS Windows 7.		
FEAT859	Desired	Medium	System Availability	24X7 availability shall be supported.		
FEAT875	Desired	Medium	Server components deployment compatibility Oracle Sun Virtualization	Components that are deployed on Sun Solaris should support Oracle Sun virtualization.		
FEAT877	Desired	Medium	Support storage format transformations	Solution shall provide controlled and traceable format transformations between supported storage mechanisms.		





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FEAT926	Desired	Medium	Support VMWare virtualization	Components that are deployed on Microsoft Windows should support VMWare virtualization.		
FEAT403	Core	High	File Formats - Support the storage and display	The system shall natively support the storage and display of all the common file formats listed: AFP, AVI, BMP, CAD, DJDE, GIF, HTML, Image, JPEG, TIFF, Lotus Notes, Microsoft© Office (Word, Excel, PowerPoint), PCL, PDF, PDF/A, SVG, MNG, PNG, Quick Time, RTF, Text, WAV, and XML.		
FEAT426	Optional	Medium	Microsoft Application Integration - Embedded menu options for retrieval and import	The system shall embed menu options and toolbars into Microsoft Office applications that allow the direct retrieval and saving of edited documents back into the system as revisions or new documents.		
FEAT873	Optional	Medium	Support MS Windows Vista	Desktop components should support MS Windows Vista.		
FEAT879	Optional	Medium	Compatible with Oracle iPlanet.	The solution web tier may be compatible with Oracle iPlanet.		
FEAT770	Optional	Medium	RSS Notification	The DMS solution shall support RSS or Notification capabilities.		