

**Deloitte.** Deloitte HealthInteractive Platform This is the baseline for the MES ISS solution per p1 of 14 → DMAS\_Deloitte\_\_File 3\_1.7.1\_Seven Standards and Conditions.docx  
<https://www2.deloitte.com/us/en/pages/deloitte-analytics/solutions/member-health-with-health-interactive.html>

**IBM® InfoSphere® Optim™ Test Data Management** Optimizes and automates test data management process. Helps development and testing teams use realistic, right-sized test databases or data warehouses to accelerate application development. Performs sensitive data obfuscation before migration of production data into lower development regions for data privacy. <http://www-03.ibm.com/software/products/en/infosphere-optim-test-data-management>

**IBM WebSphere MQ** ESB IBM Information Buss (IIB) – Guaranteed Delivery: Often referred to as "MQ", is IBM's Messaging solution for Enterprise and IBM's Message Oriented Middleware offering. Allows independent and potentially non-concurrent apps on a distributed system to securely communicate with each other. [https://en.wikipedia.org/wiki/IBM\\_WebSphere\\_MQ](https://en.wikipedia.org/wiki/IBM_WebSphere_MQ)

**IBM® Business Process Manager** Centralized Configuration – Business Workflow: Business process management (BPM) platform with tooling and run time for process design and execution, along with capabilities for monitoring and optimizing work that is executed within the platform. Specifically designed to enable process owners and business users to engage directly in the improvement of their business processes. <http://www-03.ibm.com/software/products/en/business-process-manager-family>

**App Dynamics** Application Performance Management – Monitoring and Auditing: Founded in 2008, AppDynamics "helps businesses track how well their applications and websites are running so they can respond to connection slowdowns or crashes..." (Bloomberg) <http://www.forbes.com/sites/petercohan/2017/01/03/why-you-should-avoid-appdynamics-ipo/#2800916d497f>

**MOVEit** Ipswitch's MOVEit Shared Services – Secure File Transfer: MOVEit is a managed file transfer software produced by Ipswitch, Inc. MOVEit encrypts files and uses secure File Transfer Protocols to transfer data with automation, analytics and failover options.

**IBM Transformation Extender for Supply Chain EDI** IBM Transformation Extender Advanced for Supply Chain EDI Formerly known as IBM WebSphere Transformation Extender. Transforms data in any format (from source app) and routes it (in the appropriate receivers' format) to any number of receiving apps. Automates transformation of data for various apps that work with their own data formats/types. Eliminates need for hand-coding or specialized apps responsible for data transformations between formats. Supported data sources include files, relational DB's, message-oriented middleware, packaged apps, or other external sources. <http://<various sources>>

**IBM Integration Bus** International Business Machine (IBM) Integration Bus, formerly the WebSphere Message Broker, is an enterprise service bus (ESB) enabling integration of data sources from a wide range of platforms across both service oriented architecture (SOA) and non-SOA environments. Due to National Institute of Standards and Technology (NIST) identified security vulnerabilities, extra vigilance should be applied to ensure versions remain properly patched to mitigate known and future vulnerabilities. <https://www.va.gov/trm/ToolPage.asp?tid=6372>

**Nagios Core** Nagios now known as Nagios Core, is a free and open source app that monitors systems, networks and infrastructure such as servers, switches, apps and services. <https://en.wikipedia.org/wiki/Nagios>

**IBM Operational Decision Manager** IBM® Operational Decision Manager Centralized Configuration – Business Rules Engine: Platform for capturing, automating and governing frequent, repeatable business decisions. Consists of two components, IBM Decision Center and IBM Decision Server, which form the platform for managing and executing business rules and business events to help make decisions faster, improve responsiveness, minimize risks, and seize opportunities.

**WebSphere** IBM® WebSphere® Application Server Portal and Reports – Portal Server: Provides a range of flexible, secure, Java EE 7 runtime environments available on premise or across any public, private, or hybrid cloud.

**splunk** Monitoring and Auditing – SIEM and Log Aggregation: Splunk produces software for searching, monitoring, and analyzing machine-generated big data, via a web-style interface. It captures, indexes and correlates real-time data in a searchable repository from which it can generate graphs, reports, alerts, dashboards and visualizations. <https://en.wikipedia.org/wiki/Splunk>



**Deloitte.** **IBM® Security Privileged Identity Manager** Helps mitigate insider threats by centrally managing and auditing the use of privileged access credentials across systems, applications, and platforms. The optional Privileged Session Recorder tool records privileged user endpoint activities for improved visibility and security compliance. <http://www-03.ibm.com/software/products/en/pim>

**IBM® DataPower® Gateway** ICAM Service Security: Single multi-channel gateway that helps provide security, control, integration and optimized access to a full range of mobile, web, application programming interface (API), service-oriented architecture (SOA), B2B and cloud workloads. <http://www-03.ibm.com/software/products/en/datapower-gateway>

**Security Identity Manager** IBM® Security Identity Manager Enables effective identity management and governance across the enterprise for improved security and compliance. Automates the creation, modification, recertification and termination of identities throughout the user lifecycle. Simplifies provisioning requests and helps managers make intelligent access decisions for their employees. Also includes enhanced reporting and analytic capabilities to monitor user entitlements and activities. <http://www-03.ibm.com/software/products/en/identity-manager>

**Security Access Manager** IBM Security Access Manager for Enterprise Single Sign-On ICAM Single Sign-On – Access Management: Combines single sign-on, strong authentication, session management, access workflow automation, and audit tracking. Use to manage business risks, achieve regulatory compliance, decrease IT costs, and increase user efficiency. [https://www.ibm.com/support/knowledgecenter/SS9JLE\\_8.2.1/com.ibm.itamesso.doc\\_8.2.1/isamesso821\\_qsg.html](https://www.ibm.com/support/knowledgecenter/SS9JLE_8.2.1/com.ibm.itamesso.doc_8.2.1/isamesso821_qsg.html)

**IBM Security Guardium Data Encryption** Database Security – Provides encryption capabilities to help you safeguard structured and unstructured data and comply with industry and regulatory requirements. Performs encryption and decryption operations with minimal performance impact and requires no changes to databases, applications or networks.



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IBM Transformation Extender  
for Supply Chain EDI



IBM Operational Decision Manager  
Automate and govern repeatable decisions

IBM® WebSphere®  
Service Registry and  
Repository

IBM  
WebSphere  
MQ



Nagios  
Core



MOVEit  
MANAGED FILE TRANSFER

splunk>

WebSphere®  
Application Server



Deloitte.



IBM® Security  
Privileged Identity  
Manager

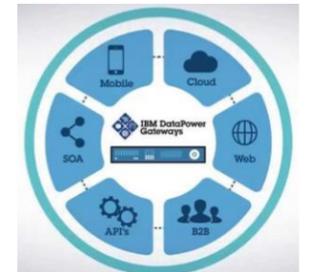


IBM® Security  
Identity Manager



IBM® Security  
Access Manager  
for Enterprise  
Single Sign-On

IBM  
Guardium  
Data Encryption



IBM® DataPower® Gateway

