



NASCIO TWO THOUSAND THIRTEEN
MIDYEAR CONFERENCE

April 28 - May 1 | Washington, D.C.

MISSION: POSSIBLE



Connect, Collaborate, Innovate



MA HIX/IES QHP Reusability

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Manu Tandon

Secretariat CIO MA EOHHS

manu.tandon@state.ma.us





Affordable Care Act (ACA) Health Insurance Exchange Highlights

- Affordable Care Act (ACA) requires states to implement a state HIX by January 2014 or participate in Federal program
- The exchange is an online marketplace that facilitates the purchase of qualified health plans for individuals and Small Business
- The ACA lays out the specific requirements of the exchanges
- States may stand up the exchange by themselves or join with other states.
- Exchange grants will provide 100% support for exchange IT infrastructure and supporting operations
- The exchange must be self-sustainable by January 1, 2015

Goals

- This presentation provides a reusability model that could be implemented by other states for either
 - A state based exchange launched on 10/1/2013, or
 - Transition model that starts out with participation in the federal program and transitions to a state based exchange model at a later date.
- Provide guidance to states on the functional and technology components that could be provided by Massachusetts to reduce time to market and improve sustainability
- Help states in planning their Exchange roadmap



37 Sub- Functions make up a HIX 25 are available from Massachusetts, 12 are state specific

Exchange Functions	ACA Requirements	Provided By
Shopping	Electronic Calculator	MA
Shopping	Anonymous Shopping	MA
Shopping	Educational Information	MA
Eligibility	Screener	MA
Eligibility	Application Intake	MA
Eligibility	Life Changes	MA
Eligibility	Renewals	MA
Eligibility	Appeals	MA
Eligibility	MAGI Rules	MA
Eligibility	Interface with Federal Data Services Hub	MA
Eligibility	Interface with State systems (Medicaid Eligibility, MMIS)	MA
Enrollment	Enrollment	MA
Enrollment	Dis-enrollment	MA
Enrollment	Interface with Carriers	MA
SHOP	Employee Maintenance	MA
SHOP	Eligibility	MA
SHOP	Enrollment	MA
Broker/Navigator	Broker/Navigator licensing process	State Specific
Broker/Navigator	Enroll qualified individuals, employers and employees in QHPs and assist them in applying for subsidies.	MA

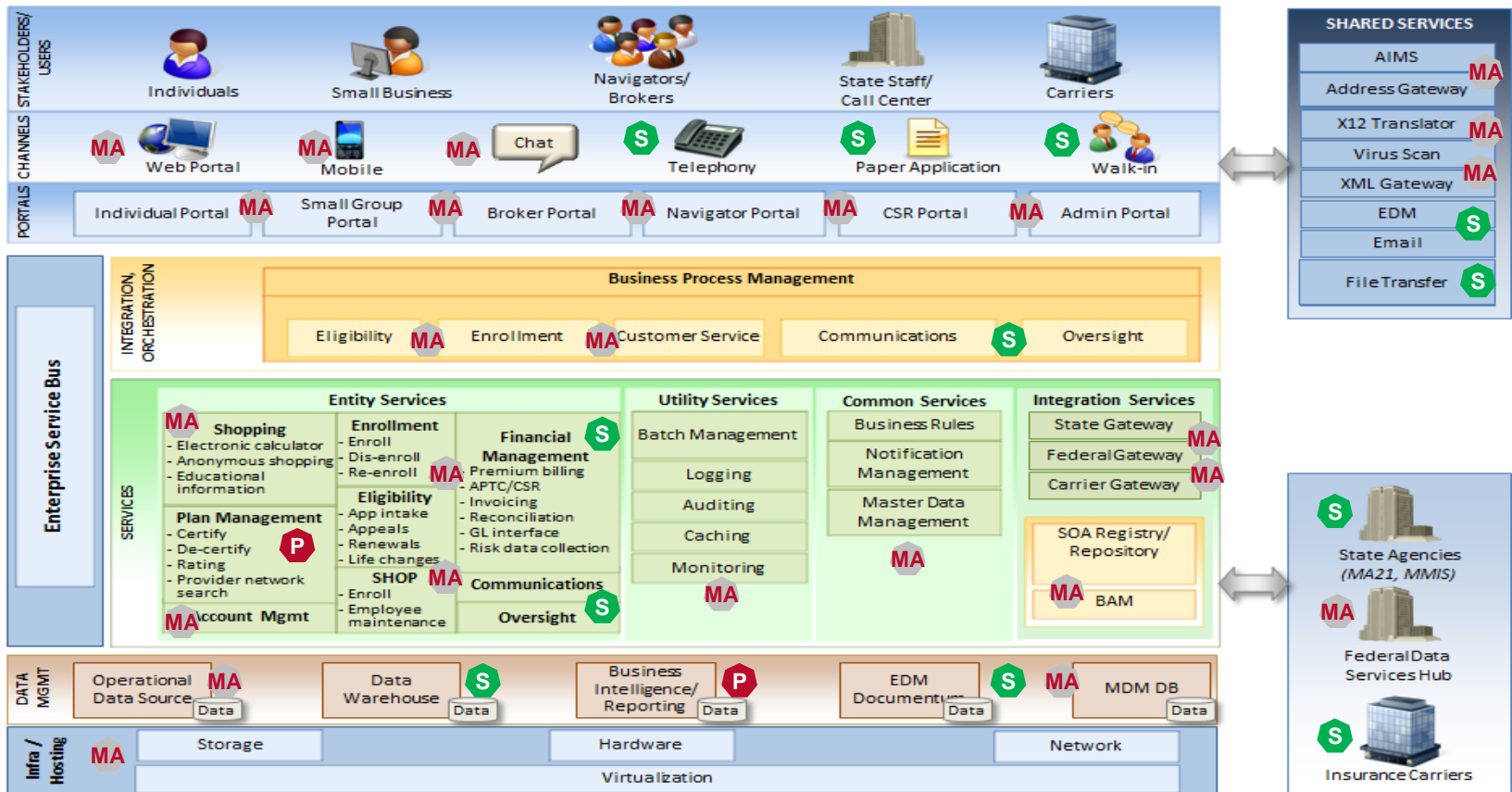


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Exchange Functions	ACA Requirements	Provided By
Plan Management	Certify/De-Certify/Re-Certify	State Specific
Plan Management	Individual Rating	MA
Plan Management	SHOP Rating	MA
Plan Management	Provider network search	MA
Plan Management	Interface with Carriers	MA
Financial Management	APTC/CSR Calculation	MA
Financial Management	Premium Billing	State Specific
Financial Management	Multi party Reconciliation (HIX/Federal Hub/Carriers)	State Specific
Financial Management	Risk/Reinsurance	State Specific
Financial Management	Payment Collection	State Specific
Financial Management	Interface with General Ledger	State Specific
Customer Service	Operate a toll-free telephone hotline	State Specific
Customer Service	Provide support to customers who do not have access to the web	State Specific
Outreach	Marketing strategies and outreach	State Specific
Program Management	Publish the average costs of licensing, regulatory fees, and any other payments required by the Exchange, and the administrative costs of such Exchange, on an Internet website to educate consumers on such costs	State Specific
Training & Communication	Train internal State staff as well as external users in operating the exchange	State Specific
Reporting	ACA Mandated Reports	MA/State Specific
Infrastructure and Hosting	Reliable, Scalable, Secure, Support all federal requirements	MA



Conceptual Architecture View





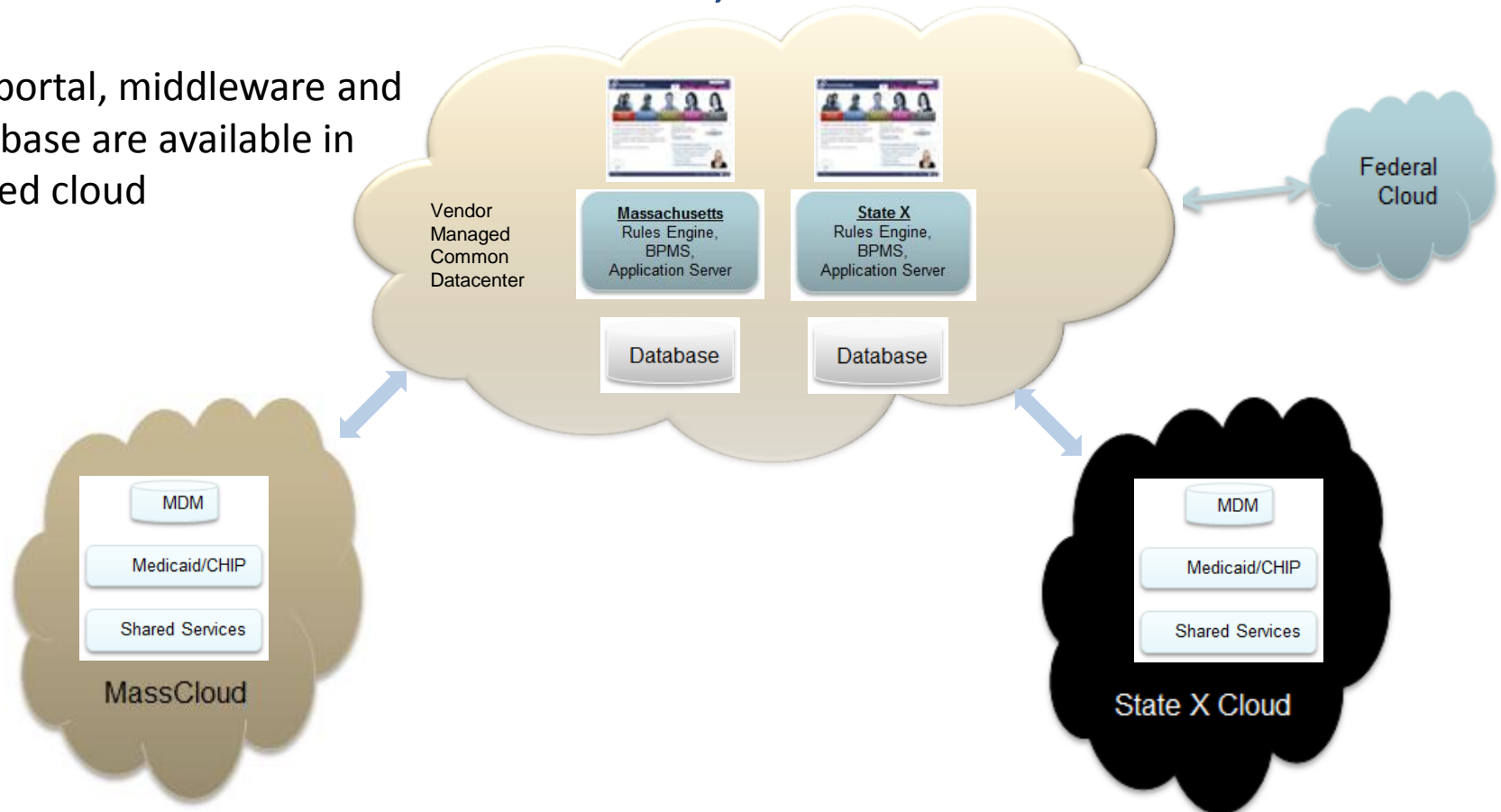
Entire codebase in public domain (*expect for underlying COTS products*)
MA technology stack relies on standards based, cloud hosted products

Function	Technology
Channels	Comm100 (Chat), CSS, HTML5
Portals	Oracle ADF, Oracle Web Center
Integration	Oracle SOA Suite, BPM, Service Registry, Repository, BAM
Entity Services	Spring, Hibernate
Utility Services	Spring Batch, Quartz, CA-ESP, SLF4J, Coherence, Oracle Enterprise Manager
Common Services	Oracle Policy automation, EMC Xpression, IBM Initiate Master Data Services (Optional)
Data Management	Oracle DB, EMC Documentum (Optional), ETL, Cognos, Mongo DB
Shared Services	Oracle Access and Identity Manager, IBM MQFTP, Rhapsody X12 Translator, IBM DataPower



HIX Deployment Model Shared Cloud for HIX, State based Medicaid

HIX portal, middleware and database are available in shared cloud





Potential benefit to States

- Implementation time to market in approximately 3-4 months.
 - Pre-implementation prep work could take 4-6 months.
- Reusable components built and maintained by MA
- MA would provide functionality and technology using the Platform as a Service (PaaS) model
- Common code maintained by MA (cloud hosting vendor - Logicworks)
- Multiple hosting options available – some options are listed below
 - Option A – States procure System Integrator for customization and integration, Software licenses. MA is responsible for core HIX framework, platform and hosting.
 - Option B - State procure System Integrator for customization and integration), Software licenses, Hosting and Platform. MA is responsible for core HIX framework.
- Leverage synergies of shared hosting and assist in sustainable business model