Business Analysis Team

• Planning Phase – Pre-DDI
  • Review and Validate ITN Response
    • Validate ITN requirements satisfied per review of Vendor response
    • Ensure ITN, BAFO, and approved contract match and reconcile
    • Prepare for entry into DDI phase of projects
  • Create and maintain Requirements Management Plan

• Requirements Phase
  • Requirements Management
    • Assist AHCA in ensuring Entry & Exit criteria have been met before beginning JAD sessions
    • Participate in requirement validation and refinement JAD sessions
    • Review JAD results and perform Gap Analysis during requirement specifications review
  • Ensure Adherence to BA standards and conventions, as appropriate
Business Analysis Team

• Project Management
  • Assure Vendor adherence to schedule
  • Manage deliverable Reviews
  • Ensure quality and enforce standards Support Full Requirements Traceability process
  • Review and Approve Requirements Traceability Matrix (RTM)
  • Ensuring RTM is loaded to automated traceability tool
  • Validate traceability throughout the project lifecycle

• UAT Phase
  • Create and Maintain User Acceptance Test Plan
  • Analyze and utilize existing test cases from the various test phases, including Unit, Integration, System Integration, Interface, Stress/Performance, Regression and Operational Readiness as the starting point for selecting tests for UAT
  • Create unique test cases as appropriate
  • Manage and coordinate the UAT phase, at the direction of AHCA
The **Entry criteria**, Execution criteria and Exit criteria must be established prior to starting any JAD sessions.

**Common criteria for JAD Entry:**
- Kickoff Session Conducted
- Processes and sub-processes identified for discussion
- Roles and responsibilities are defined
- Resources required for the sessions have been determined
- Required resources are scheduled and attendance confirmed
- Agenda, guidelines, and other necessary documents are prepared
- Required session information are communicated prior to the session
The Entry criteria, **Execution criteria** and Exit criteria must be established prior to starting any JAD sessions.

**Common criteria for Execution:**
- All Procurement Business Requirements for the selected topic area to be discussed are addressed
- Process Flows are completed including alternative and exception flows
- Key stakeholders are present in all sessions
- A decision maker is present in all sessions
- Report details are gathered
- Organizational impacts are identified
- Security and Access requirements are finalized
The Entry criteria, Execution criteria and Exit criteria must be established prior to starting any JAD sessions.

**Common criteria for Exit:**
- All Procurement Business Requirements for the topic area are covered as intended for the sessions
- All required documentation has been completed
- All required tools have been updated with details from sessions
- Action items are identified and documented for follow-up and review
- Outstanding decisions captured in meeting minutes and distributed for review
- Appropriate action for addressing absence of any critical resources
4.1 REQUIREMENTS COMMON ATTRIBUTES AND NAMING CONVENTIONS

- **Requirement ID** is a unique identifier assigned to each requirement designed to provide traceability to the business process, technical category, or test cases to which it pertains. (Example: **ISIP-OUTCOME-1**). Naming conventions are identified in the BARMS Standards document.

- **Business Area (IS/IP)** Identifies the FX Business Area to which the requirement applies.

- **Requirement Type** Identifies the type of requirement.
  - Business Requirements (OUTCOME)
  - Global Requirements (GLOBAL)
  - Stakeholder Requirements (STAKEHOLDER)
  - Solution Requirements (SOLUTION)
  - Transition Requirements (TRANSITION)
  - Security Requirements (SECURITY)

- **Functional/Non-functional Indicator**

- **MITA 3.0 Sub-Process** – the MITA SP will be assigned to all applicable requirements, with the exception of IS/IP, which will be certified as part of the Enterprise Data Warehouse (EDW) project.
IS/IP Tech Orientation
Agenda

Introductions
FX Overview
Technical IS/IP Solution Review
Integration Services Processing Landscape
• SI and ESB have been renamed to accurately reflect Scope of Services
• The terms Systems Integrator (SI) and Enterprise Service Bus (ESB) have meaning and create perceptions to vendors in the market.

- The terms “Integration Services” and “Integration Platform” more clearly reflect FX scope of services.

**Traditional Scope**

**SYSTEM INTEGRATOR (SI)**

- AHCA

**New Scope**

**INTEGRATION SERVICES**

- AHCA

**Traditional Service**

**ENTERPRISE SERVICE BUS (ESB)**

- Module

**New Service**

**INTEGRATION PLATFORM**

- Module

**Integration Platform**

The integration platform includes the ESB and additional services – Single Sign-On, Security, Service Registry, Business Rules Engine, Master File Transfer, etc. – necessary for modular interoperability.

- An SI is traditionally a single vendor that designs, develops, and implements an entire system solution.
- Reflects a smaller scope of work than a traditional SI engagement, and manages integration and interoperability between modules and external systems.
- An ESB is one component of a solution that enables modular services to communicate with each other.
IS/IP Workstreams

Reasons for Workstreams
• Limited Agency capacity
• Fiscal Year (FY) budget constraints
• Procure solutions at point of need
• Minimize vendor staffing peaks
ESB, Service Registry, Rules Engine, Managed File Transfer, Application Monitoring

Workstream A
An Enterprise Service Bus (ESB) is a flexible connectivity infrastructure that provides an abstraction layer on top of an implementation of an enterprise messaging system for integrating applications and services.

An ESB performs the following between requestor and service:

- **MATCHES & ROUTES** communications between services
- **CONVERTS** between different transport protocols
- **TRANSFORMS** between different data formats
- **IDENTIFIES & DISTRIBUTES** business events

What is THE ESB?
Integration and Data Sharing Overview - ESB

Many requester specific instances

Without Integration Platform

With Integration Platform

Common Integration Processing Architecture – (access control, data format transformation, system availability, auditing, cost allocation, content filtering and masking, error handling)
Integration Components – Enterprise Service Bus

What is it........
Enterprise Service Bus (ESB) is an open standards-based distributed synchronous or asynchronous messaging middleware that provides secure interoperability between enterprise applications.

What is needed...
• ESB Software
• Product license, maintenance and hosting
• Templates to support COTS products

What is the effort...
• Procure the ESB Software, procure any additional adapters required
• Build mediation patterns, configure endpoints for available web-services, API gateway and publishing/alerting capabilities
• Support multiple protocols and data formats
• Hosting multiple environments and clustered production environment
• Build testing, auditing, monitoring, reporting, throttling and error handling capabilities

Key Takeaways...
• Initial scope is just the installation and configuration of the tools. Integration of any endpoints will be done in separate task orders.
Integration Components – Managed File Transfer

What is it...
Customized, scalable, and automated solution to manage secure file transfer from one system to another through the network.

What is needed...
• Master File Transfer COTS
• Product license, maintenance and hosting

What is the effort...
• Procure the MFT Software, configure and host the software
• Integrate MFT with the ESB to invoke business processes based on file transfer events and leverage Integration Server services to perform various file processing actions.
• Build auditing, monitoring, error handling and reporting capabilities on MFT

Key Takeaway...
• Initial scope is just the installation and configuration of the tools. Integration of any endpoints will be done in separate task orders.
Integration Components – Service Registry

What is it...
A database of services, their instances and their locations. Service instances are registered with the service registry on startup and deregistered on shutdown.

What is needed...
• Service Registry (Commercial Off The Shelf) COTS
• Product license, maintenance and hosting

What is the effort...
• Procure the Service Registry Software, configure and host the software
• Build and maintain a Service Registry, Service Repository and Service Contract Management capabilities for all existing and new services
• Build web-services to expose the Service Registry to client systems
• Build auditing and reporting capabilities

Key Takeaway...
• Initial scope is just the installation and configuration of the tools. Implementation of any services will be done in separate task orders.
Integration Components - Rules Engine

What is it…
A business rules engine is a software system that executes one or more business rules in a runtime production environment. Rules are defined by the module or process being implemented. Initial rules implemented will be obtained from the current system and be evaluated for applicability.

What is needed…
• Rules Engine Software
• Product license, maintenance and hosting

What is the effort…
• Procure the Software, configure and host the software
• Define the process for maintaining rules
• Define the format of service requests

Key Takeaways…
• The IS/IP vendor will incorporate those rules into the IS/IP rules engine to form the initial population of rules.
Integration Components – Application Monitoring

What is it...
Software designed to help ensure that the applications meet performance standards and provide a quality user experience. They track and measure application performance and availability.

What is needed........
• Monitoring Tools
• Product license, maintenance and hosting

What is the effort...
• Procure the Monitoring Software, configure and host the software
• Build and maintain a dashboard to display monitoring statistics
• Build a reporting template for performance and availability measurements versus Service Level Agreements (SLAs)

Key Takeaways...
• Initial scope is just the installation and configuration of the tools. Also includes internal monitoring of Accenture provided components.
Application Lifecycle Management (ALM Tool)

ALM Lifecycle Guide
• Change Control
• Defect Management
• Requirements Tracking and Management Software Change and Configuration Management
• Version Control
• Test Management
• Release Management
### COTS Tools - Workstream A

COTS Product supports workstream A of Integration Platform (IP)

#### Operation
- OEM
- BTM
- BAM
- ITSM
- Security Tools
- SIEM

#### Middleware
- BPEL
- ESB
- MFT
- SOA
- BPM
- API Gateway
- API Manager
- API Catalog
- Policy Automation

#### Infrastructure
- Compute Service
- Database Service ExaCS
- Storage Service
- VCN
- GovCloud Data centers
- FastConnect
## COTS Tools - Workstream A

<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Full Product Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>API Manager</td>
<td>Oracle API Manager</td>
<td>Oracle API Manager facilitates the creation of APIs that expose the functionality of backend systems and services. These APIs are published for use by application developers and are managed and monitored at runtime.</td>
</tr>
<tr>
<td>BAM</td>
<td>Oracle Business Activity Monitoring</td>
<td>Oracle BAM is a complete solution for building interactive, real-time dashboards and proactive alerts for monitoring business processes and services. Oracle BAM gives both business executives and operational managers timely information to make better decisions.</td>
</tr>
<tr>
<td>BPEL</td>
<td>Oracle Business Process Execution Language Process Manager</td>
<td>Oracle BPEL Process Manager BPEL is the standard for assembling a set of discrete services into an end-to-end process flow, radically reducing the cost and complexity of process integration initiatives. ISIP uses BPEL handles technical integrations, orchestration the integration with FX systems, Databases and webservices and handle the faults and transactions</td>
</tr>
<tr>
<td>BPM</td>
<td>Oracle Business Process Management</td>
<td>Oracle BPM creating, executing, and optimizing business processes. The suite enables unparalleled collaboration between business and IT to automate and optimize business processes. ISIP uses BPM to model human interaction drives the process flow like approval process.</td>
</tr>
<tr>
<td>BTM</td>
<td>Oracle Business Transaction Management</td>
<td>Oracle BTM efficiently helps organizations resolve such challenges by providing them an in-depth capability in key areas such as transaction visibility, business KPI monitoring, and proactive exception management.</td>
</tr>
<tr>
<td>ESB</td>
<td>Oracle Enterprise Service Bus</td>
<td>Oracle ESB, a fundamental component of Oracle's Services-Oriented Architecture suite of products, provides integration of data and enterprise applications within an organization and their connected (&quot;extended&quot; or &quot;virtual&quot;) enterprises.</td>
</tr>
<tr>
<td>ITSM</td>
<td>ServiceNow IT Service Management Tools</td>
<td>ServiceNow ITSM aligns with ITIL standards to manage access and availability of services, fulfill service requests, and streamline service continuity</td>
</tr>
<tr>
<td>MFT</td>
<td>Oracle Managed File Transfer</td>
<td>Oracle MFT enables secure file exchange and management with internal departments and external partners. It protects against inadvertent access to unsecured files at every step in the end-to-end transfer of files.</td>
</tr>
<tr>
<td>OAC</td>
<td>Oracle API Catalog</td>
<td>OAC allows organizations to easily build a catalog of their APIs to provide visibility to those APIs for application development</td>
</tr>
<tr>
<td>OEM</td>
<td>Oracle Enterprise Manager</td>
<td>OEM is a set of web-based tools aimed at managing software and hardware produced by Oracle Corporation as well as by some non-Oracle entities.</td>
</tr>
<tr>
<td>OEM</td>
<td>Oracle Policy Automation</td>
<td>OEM is a suite of software products for modeling and deploying business rules within enterprise applications</td>
</tr>
<tr>
<td>OPM</td>
<td>Oracle Policy Modeling</td>
<td>OPM is a Windows desktop application for transforming legislation and policy documents into executable business rules. Rules are written in Microsoft Word and Excel documents using phrases in languages such as English</td>
</tr>
<tr>
<td>SIEM</td>
<td>Splunk Security Information and Event Management</td>
<td>Splunk SIEM combines security information management (SIM) and security event management (SEM). They provide real-time analysis of security alerts generated by applications and network hardware</td>
</tr>
<tr>
<td>SOA</td>
<td>Oracle service-oriented architecture management</td>
<td>Oracle SOA enables system developers to set up and manage services and to orchestrate them into composite applications and business processes</td>
</tr>
<tr>
<td>VCN</td>
<td>Oracle Virtual Cloud Network</td>
<td>A VCN is a software-defined network that you set up in the Oracle Cloud Infrastructure data centers in a particular A collection of availability domains located in a single geographic location. A subnet is a subdivision of a VCN.</td>
</tr>
</tbody>
</table>
Master Data Management, Master Person Index, Master Org Index

Workstream B
IS/IP Workstream B – Major Benefits

Master Person Index, Master Organization Index

**Master Person Index**
- Identify duplicate master records within systems.
- Identify common recipients across organizations & systems.
- Reduce duplicate capitation payments.
- Reduce resources spent on manual identity matching processing.
- Reduce liability for audit findings of duplicated payment.
- Share event notifications about a person to all systems and records.
- Use to reduce or consolidate duplicate communications.

**Master Organization Index**
- Same as person index for non-person organizations.
- Reduce payments to unauthorized providers.
- Reduce suspended providers from applying to provide services as a new provider.
Integrated Components

Master Person Index and Master Organization Index

What is it........
A business-driven, technology-enabled discipline in which business and IT work together to ensure the uniformity, accuracy, stewardship, semantic consistency and accountability of the enterprise’s official shared master data assets. Specifically, this is people, such as Providers and Recipients, and Locations and Organizations, such as clinics, provider offices, etc.

What is needed........
• MDM-like software – COTS.
• Product license, maintenance and hosting platform.

What is the effort........
• Procure the MDM Software, configure and host the software.
• Build the Master Person Index - a repository that links that every person record in systems about the person.
• Build the Master Organization Index - a repository that links that every organization record in systems.
• Build a web service, which is simply a collection of open protocols and standards used for exchanging data between applications or systems, to access the data within the MOI and MPI.
Roles & Responsibilities

Who does what.....

• **IS/IP Vendor**
  – Procure, host, configure and maintain Identity Management tools – includes algorithms and identity matching rules.
  – Build the MPO and MPI repositories.
  – Responsible for developing ongoing maintenance process.
  – No Data exchanges are in scope. They will be addressed by separate task orders.
  – Development of a portal for external agencies to view the identify records.

• **Agency**
  – Provide Data Steward resources to support MPI and MOI work.
  – Participate in design sessions and enforce data standards and processes.
  – Test operability.

• **SEAS**
  – Project Management
  – Act as escalation point during IS/IP implementation.
COTS Tools - Workstream B

COTS Product supports workstream B of Integration Platform (IP)

<table>
<thead>
<tr>
<th>Operation</th>
<th>Middleware</th>
<th>Infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEM</td>
<td>PowerCenter</td>
<td>Compute Service</td>
</tr>
<tr>
<td>Custom 360</td>
<td>IDQ/Address Cleansing</td>
<td>Database Service ExaCS</td>
</tr>
<tr>
<td>ITSM</td>
<td>Security Tools</td>
<td>Storage Service</td>
</tr>
<tr>
<td>Security Tools</td>
<td>MDM</td>
<td>VCN</td>
</tr>
<tr>
<td>SIEM</td>
<td></td>
<td>GovGloud Data centers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FastConnect</td>
</tr>
<tr>
<td>Acronyms</td>
<td>Full Product Name</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>MDM</td>
<td>Informatica Master Data</td>
<td>Informatica Master data management (MDM) is an unified tool to create single master reference source for master person index and master organization index.</td>
</tr>
<tr>
<td></td>
<td>Management tools</td>
<td></td>
</tr>
<tr>
<td>IDQ</td>
<td>Informatica Data Quality</td>
<td>Informatica Data Quality (IDQ) provides an extensive array of cleansing and standardization options</td>
</tr>
<tr>
<td>PowerCenter</td>
<td>Informatica PowerCenter</td>
<td>Informatica PowerCenter is a widely used data extraction, transformation and loading (ETL) tool. The components within Informatica PowerCenter aid in extracting data from its source, transforming it as per business requirements and loading it into a target database.</td>
</tr>
</tbody>
</table>
### Elements of Identity Linking Current Maturity

<table>
<thead>
<tr>
<th>Source Systems</th>
<th>Source System Data Access Service</th>
<th>Event Publishing Service</th>
<th>Subscribed Event Processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide Identity Data Service – provides identity information about system records to the Identity Linking Platform</td>
<td>provides information from the source system to the ESB to meet requests from other systems</td>
<td>“Publishes” information and events to the Alerting platform</td>
<td>Receives and processes “published” information from the Alerting Platform</td>
</tr>
</tbody>
</table>

**Enterprise Service Bus (ESB)** - manages the flow of communication between system services and APIs.

**Identity Linking Platform** – Receives identity data from source systems, cleans, transforms and standardizes and then adds and update links between other records.

**Identity Index** – Stores links between identity data records that match based on defined matching rules.

**Cleansing and Matching Rules** – Rules that evaluate data in different records to match records that are the same person or organization.

**Publish / Subscribe Alerting Platform** – Receives published information and events and passes information to subscribers for all linked identity records.

**Event Subscribers** – Stores organizations, systems, users, and the event types used to communicate events.

**Alerting Data**

**Maturity**
- Pilot / Basic Use
- Multi-System
- Agency-wide
- Multi-Agency
- Multi-Enterprise
How does Identity Linking Fit with IS/IP?

Source System(s)
- Submit Source System Identity Linking Data
- Retrieve Source System Data
- Publish Events

Real Time
Batch
Source System Identity Records

ESB
- Access Policy
- Service Registry
- ESB

Identity Linking
- Cleanse / Transform
- Link Identity Records
- Retrieve Identity links

Integration Platform Pages
- Person / Organization Search
- 360 View of Source Data

Publish Content / Events
- Determine Subscribers
- Event / Content Subscription Store
- Publish / Subscribe Alerts

Operational Data Store
- Accept Events / Content
- Request System Identities
- Publish Events

Identity Store
- Retrieve Source System Identity Linking Data
- Submit Source System Identity Linking Data

ESB Service Registry Access Policy

Better Health Care for All Floridians
AHCA.MyFlorida.com
Source System(s)

Submit Source System Identity Linking Data

Retrieve Source System Data

Publish Events

Real Time

Batch

Source System Identity Records

Identity Linking Scenarios

Scenario: Populate Identity Index

The source records are cleansed and transformed into a standardized format. Data records that indicate the source system and record identifier are added or updated in the index and links are adjusted between matching records.

Scenario: Publish Subscribe Events

Systems publish events received in their system (e.g. change in status, change in address).

Scenario: View 360° information

The ESB assembles the results and returns the results. The user interface formats and displays the returned data dynamically.
Current FX Identity Linking Statistics

As of 12/17/2018

<table>
<thead>
<tr>
<th>Data Type</th>
<th>FMMIS Providers</th>
<th>AHCA Versa Regulation</th>
<th>Total</th>
<th>Master Records (Unduplicated Records)</th>
<th>Duplicates per Master Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individuals</td>
<td>1,593,000</td>
<td>100,000</td>
<td>1,693,000</td>
<td>420,000</td>
<td>4.03:1</td>
</tr>
<tr>
<td>Organization</td>
<td>252,000</td>
<td>120,000</td>
<td>372,000</td>
<td>166,000</td>
<td>2.24:1</td>
</tr>
</tbody>
</table>
Single Sign-On

Workstream C
Key Concepts – Authentication, Authorization, Single Sign On

• Authentication – Are You Really You?
  ▪ Credentials
  ▪ Multi-Factor
    – Something You Know
    – Something You Have
    – Something You Are
  ▪ Authentication Providers

• Authorization – What Can I Do?
  ▪ Rights & Privileges
  ▪ Roles
  ▪ Access Controls

• Single Sign On (SSO) – Please don’t make me do it again…
SSO Scope

**Initial Scope**
- Single, Centralized Identity and Authorization Management
- Multiple Authentication Providers
- Establish infrastructure and processes

**Out of Initial Scope***
- FMMIS and Enrollment Broker
- Reliance on MyFlorida Network Presence
- Implement SSO with existing systems

* May be in future task orders
COTS Tools - Workstream C

COTS Product supports workstream C of Integration Platform (IP)

<table>
<thead>
<tr>
<th>Operation</th>
<th>Middleware</th>
<th>Infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palo Alto</td>
<td>Access Mgmt</td>
<td>Compute Service</td>
</tr>
<tr>
<td>Qualys</td>
<td>Identity Mgmt</td>
<td>Database Service ExaCS</td>
</tr>
<tr>
<td>Symantec</td>
<td>Identity Gateway</td>
<td>Storage Service</td>
</tr>
<tr>
<td>OEM</td>
<td>Directory Server</td>
<td>VCN</td>
</tr>
<tr>
<td>ITSM</td>
<td>Directory Proxy</td>
<td>GovGloud Data centers</td>
</tr>
<tr>
<td>Security Tools</td>
<td>Lexus/Nexus</td>
<td>FastConnect</td>
</tr>
<tr>
<td>SIEM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Better Health Care for All Floridians
AHCA.MyFlorida.com
## COTS Tools - Workstream C

<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Full Product Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access Mgmt</td>
<td>ForgeRock Access Management</td>
<td>Informatica Master data management (MDM) is an unified tool to create single master reference source for master person index and master organization index.</td>
</tr>
<tr>
<td>Identity Mgmt</td>
<td>ForgeRock Identity Management</td>
<td>Informatica Data Quality (IDQ) provides an extensive array of cleansing and standardization options.</td>
</tr>
<tr>
<td>Identity Gateway</td>
<td>ForgeRock Identity Gateway</td>
<td>ForgeRock Identity Gateway establishes a virtual perimeter around these apps and acts as a reverse proxy, enforcing authentication and authorization. This provides better security and enables organizations to use the latest industry standards to consistently enforce authorization across apps, APIs, and microservices.</td>
</tr>
<tr>
<td>Directory Server</td>
<td>ForgeRock Directory Server</td>
<td>ForgeRock identity store</td>
</tr>
<tr>
<td>Directory Proxy</td>
<td>ForgeRock Directory Proxy</td>
<td>Enables connection to Federated Identity Providers</td>
</tr>
<tr>
<td>Palo Alto</td>
<td>Palo Alto next gen firewall</td>
<td>Next-generation firewalls are architected to safely enable applications and prevent modern threats. Our approach identifies all network traffic based on applications, users, content and devices, and lets you express your business policies in the form of easy-to-understand security rules.</td>
</tr>
<tr>
<td>Qualys</td>
<td>Qualys Vulnerability Management tools</td>
<td>Qualys Vulnerability Management provides global visibility into where your IT assets are vulnerable and how to protect them. Qualys Threat Protection is a cloud service that correlates external threat indicators against your internal vulnerabilities and IT asset data — letting you control evolving threats and identify what to remediate first. Qualys Virtual Scanner Appliance helps you get a continuous view of security and compliance putting a spotlight on your Cloud infrastructure.</td>
</tr>
<tr>
<td>SIEM</td>
<td>Splunk SIEM – Security Information and Event Management</td>
<td>Tools collecting and analyzing event data to identify malicious activity</td>
</tr>
</tbody>
</table>
# Cloud Tools - Common

<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Full Product Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>StorageAsService</td>
<td>Storage Service</td>
<td>Cloud storage services to provide storage servers</td>
</tr>
<tr>
<td>ComputeAsService</td>
<td>Compute Service</td>
<td>Cloud computing services provide to servers and virtual desktops.</td>
</tr>
<tr>
<td>DatabaseAsService</td>
<td>Database Service</td>
<td>Cloud database service is a type of database service that is built, deployed and delivered through a cloud platform delivery model that allows organizations, end users and their applications to store, manage and retrieve data from the cloud.</td>
</tr>
<tr>
<td>ExaCS</td>
<td>Oracle Exadata Cloud Service</td>
<td>Oracle Database Exadata Cloud Service delivers the world’s most advanced database cloud by combining the world’s #1 database technology and Exadata, the most powerful database platform, with the simplicity, agility and elasticity of a cloud-based deployment</td>
</tr>
<tr>
<td>FastConnect</td>
<td>FastConnect</td>
<td>Oracle Cloud Infrastructure FastConnect provides an easy way for you to connect your on-premises network to Autonomous Transaction Processing using FastConnect Public Peering. FastConnect provides higher-bandwidth options, and a more reliable and consistent networking experience compared to internet-based connections.</td>
</tr>
<tr>
<td>GovCloud</td>
<td>GovCloud</td>
<td>GovCloud refers to all the cloud computing and virtualization products and solutions that are developed specifically for government organizations and institutions</td>
</tr>
<tr>
<td>VCN</td>
<td>Oracle Virtual Cloud Network</td>
<td>A VCN is a software-defined network that you set up in the Oracle Cloud Infrastructure data centers in a particular. A collection of availability domains located in a single geographic location. A subnet is a subdivision of a VCN.</td>
</tr>
</tbody>
</table>
Integration Scope
## FX Implementation Overview – Current Landscape

<table>
<thead>
<tr>
<th>Components</th>
<th>Current System</th>
<th>Interfaces</th>
<th>Integration</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise Service Bus</td>
<td>200+ Inbound/Outbound Interfaces</td>
<td>200+ Interfaces</td>
<td>20-30 Endpoints</td>
<td>New interfaces will be added, and existing interfaces will be evaluated for compatibility</td>
</tr>
<tr>
<td>Single Sign-On</td>
<td>Managed by Third Party Vendor</td>
<td>4 Interfaces</td>
<td>70+ AHCA Enterprise Systems</td>
<td></td>
</tr>
<tr>
<td>Identity, Credential, and Access Management</td>
<td>20+ Identity Stores</td>
<td>5 Interfaces</td>
<td>10+ Identity Stores Consolidated Identity Stores</td>
<td></td>
</tr>
<tr>
<td>MDM / MPI / MOI</td>
<td>Provider Data Management System (PDMS)</td>
<td>2-3 Interfaces</td>
<td>20-30 Source HealthCare Systems</td>
<td></td>
</tr>
<tr>
<td>Modules</td>
<td>10 Modules</td>
<td>45+ Interfaces</td>
<td>10-20 Endpoints</td>
<td></td>
</tr>
</tbody>
</table>
Inbound Interfaces FMMIS/DSS

**Agency for Health Care Administration**
- Provider Rate file
- Mandatory Assignment and enrollment data from AHS
- Recipient HIV AIDS data
- Recipient SMI data
- Disease Management Recipient File
- Updated capitation rates
- Nursing Home rate file
- Intermediate Care Facility rate file
- Hospice rate file
- Provider rate file
- Provider DRG rate file
- ASC rate file
- KICK rate file
- LEIE Monthly Updates

**Electronic Data Interchange**
- FHK 270/271 Match files with Reports
- X12 837 5010 Claims institutional encounters
- X12 837 5010 Claims dental encounters
- X12 837 5010 Claims professional encounters
- X12 837 5010 Claims institutional
- X12 270/271 Health Care Eligibility request
- X12 276/510 Claim Status request
- X12 837 5010 Claims dental
- X12 837 5010 Claims professional

**Electronic Health Quality Assurance**
- HQA License file update the Facility provider license information
- HQA Modifier file match providers to valid license numbers
- HQA Status Code file
- HQA Address Type Codes
- HQA Client Codes
- HQA Ownership Codes
- HQA modifier Codes

**Centers for Medicare & Medicaid Services**
- COBA response files from CMS
- Medicare Part D data
- EDB database of CMS-oriented recipients (Medicare A/B/D and Medicare Buy-In)
- Medicare Part A billing information
- Medicare Part B billing information
- Medicare Part D enrollment information
- CMS (HCFA) file used to update CLIA table record types 1, 3 and 5
- NCCI Interface Professional NCCI edits
- NCCI Interface Hospital NCCI edits
- MUE Interface Professional MUE edits
- MUE Interface Hospital MUE edits
- MUE Interface DME MUE edits
- HCPCS Interface HCPCS procedure codes
- ICD10 interface add/update ICD10 Diagnosis and Procedure codes

**EQ Health**
- Home Health Prior Authorization
- Inpatient Prior Authorization
- Professional Therapy Prior Authorization
- Outpatient Therapy Prior Authorization
- DME Prior Authorization
- Vision Prior Authorization
- Hearing Prior Authorization
- Physician Prior Authorization
- Inpatient Psychiatric Prior Authorization
- Psychigital Prior Authorization
- SIPP Inpatient Psychiatric Prior Authorization
- Outpatient Prior Authorization

**Magellan**
- Prior authorization data for drug claims
- Magellan sends adjudicated claims
- Magellan Formulary coverage for drugs
- Magellan State determined Maximum Allowable Cost (SMAC) drugs
- Magellan Formulary Extract for Drug Rebate
- Magellan SMAC Interface
- Magellan Formulary drug termination date
- UPC Interface used to add/update UPC codes

**Florida Department of Law Enforcement**
- FDLIE incarceration information
- LiveScan input file

**First Data Bank**
- Update reference configuration data

**Department of Children and Families**
- BENDEX file (daily Medicare eligible recipients from SSA)
- Recipient data and ID CARD information from the FLORIDA system
- Home Safe Net file
- TPL Resource Records from FLORIDA

**Department of Health**
- DOH License File
- Claims using external interface file from Healthy Start
- Data files from Florida Bureau of Vital Statistics
- DOH Immunization Registry

**Department of Juvenile Justice**
- DJJ incarceration information

**Department for Children and Families**
- FDLE incarceration information

**Other Inbound Interfaces**
- IRS CP2100 tape Provider B notice created
- Maximus data from Florida Healthy Kids
- Maximus Monthly MEC 834 Eligibility file FHK
- MEUPS PIN Letter file
- MFAO Physician Fee Schedule rate update
- MFAO DRG rate update
- SDX Resource file
- SSA data file
- System for Award Management Daily Updates
- Link Provider add members to Provider Group
- Wells Fargo Cleared Checks (interChange)

**First Data Bank**
- Upda rate configuration data

**Florida Quality Assurance**
- HQA License file update the Facility provider license information
- HQA Modifier file match providers to valid license numbers
- HQA Status Code file
- HQA Address Type Codes
- HQA Client Codes
- HQA Ownership Codes
- HQA modifier Codes

**Other Inbound Interfaces**
- IRS CP2100 tape Provider B notice created
- Maximus data from Florida Healthy Kids
- Maximus Monthly MEC 834 Eligibility file FHK
- MEUPS PIN Letter file
- MFAO Physician Fee Schedule rate update
- MFAO DRG rate update
- SDX Resource file
- SSA data file
- System for Award Management Daily Updates
- Link Provider add members to Provider Group
- Wells Fargo Cleared Checks (interChange)

**NPPES Monthly Master file**
- NPPES Monthly Deactivation file
- NPPES Weekly Updates

**Other Information**
- TPL Vendor Resource file
- TPL Vendor Manage adjustments
- TPL Vendor Voided claims
Outbound Interfaces FMMIS/DSS

Agency for Health Care Administration
Drug claims paid for Prepaid Mental Health Plan recipients
Agriculture report generated out of the weekly financial cycle

Automated Health Systems
File for determining eligible recipients in reform counties
Recipient data to AHS Choice Counseling
Managed Care data to Enrollment Broker

Agency for Person with Disabilities
Extract for new providers or updates
DS Waiver Paid Claims for recipient’s care plans within APD Gatekeeper Matrix
DS Waiver Denied claims for recipients care plans within APD Gatekeeper Matrix
Weekly claim extract for all paid claims with S9122 Tj procedure code billed
Weekly claim extract for all voided claims with S9122 Tj procedure code billed
Gatekeeper Prior Authorization Interface
Gatekeeper Prior Authorization Summary Report
Gatekeeper Prior Authorization Transaction Listing Report
Interface for EQ Health PA with Procedure code 59122T2

Centers for Medicare & Medicaid Services
EDB Finder File listing of recipients
Medicare Part A accretions, deletions and demographic changes
Medicare Part B accretions, deletions and demographic changes
COBA monthly extract
Pharmacy Claims file for CMS MMA Plans

Department of Children and Families
Terminated SD Sk recipients extract
Recipient FLORIDA Update Error Report & FLORIDA Match Error Report
Carrier data for FLORIDA eligibility
Home Safe Net recipients

Department of Elder Affairs
All DOA recipients delimited data file
Monthly Capitation extract
Monthly MP enrollments active as of first of the next month

Internal
Taxonomy stub file Claims used to validate Taxonomy during processing
Provider stub files electronic claims pre-edit process
Extract for MAPIR

Medtel
Extract of recipient data to MEDITEL
Provider extract for Med_Tel Call Center
Active Providers for Med_Tel

EQ Health
Extract of professional claims
Extract of UB92 claims
Extract of dental claims
Extract of pharmacy claims
Extract of professional encounter claims
Extract of UB92 encounter claims
Extract of dental encounter claims
Extract of pharmacy encounter claims
Extract of recipient data
Home Health Prior Authorization
Inpatient Prior Authorization
PPEC Prior Authorization
Professional Therapy Prior Authorization
Outpatient Therapy Prior Authorization
DME Prior Authorization
Dental Prior Authorization
Vision Prior Authorization
Hearing Prior Authorization
Physician Prior Authorization
Inpatient Psychiatric Prior Authorization
SIPP Inpatient Psychiatric Prior Authorization
Outpatient Prior Authorization
Provider extract new providers/updates

Beacon Health
Provider Extract for Beacon
Extract of recipient data

HMS (TPL Vendor)
Resource file from FMMIS/DSS
Carrier file from FMMIS/DSS
Recipient eligibility file from FMMIS/DSS
Lead letter data file from FMMIS/DSS
Pharmacy claims file from FMMIS/DSS
Provider Medicare to Medicaid cross-reference file
Provider file from FMMIS/DSS
Paid dental claims file from FMMIS/DSS
Drug code file from FMMIS/DSS
Procedure code file from FMMIS/DSS
Diagnosis code file
Diagnosis code file
Institutional claim file
Physician claims file from FMMIS/DSS

Magellan
Recipient data for MMA/TPL information
Pharmacy Claim voids
Claim Retro/UR processing
HPE to Unisys Drug Claims Drug Rebate
HPE to Unisys Drug Extract Drug Rebate
HPE to Unisys Physician UB Claims Drug Rebate
Pharmacy Provider extract First Health 4 files
Address, Panel, On Review, NPI
Header and Trailer records to extract file
FLM_PanelData.dat
Header and Trailer records to extract file
FLM_PorData_Updated.dat
License base and alias files
License address file
License specialty file
Provider License alias file updates

SAS
Extract of recipient data to SAS
Extract new providers or updates
Provider Owner SAS extract file

Web Portal
Provider Master Listing Extract
Pending Provider Listing Extract

Other Outbound Interfaces
MFAO - Provider Type ’35’ and Specialty ’71’, ’72’, ’73’, ’74’, ’88’
Conduent - Receive file from CMS (monthly) and send to TPL vendor
CPS – ID Card extract
DOH - Extract of HIV recipients
DFT - Extract of recipient data
First Health - Resource file
Healthy Start MomCare Network - HS enrollment data of newly eligible Healthy Start recipients
HPE Banking Dept. - Check issued weekly financial cycle
HPE LG Team - Revenue file
Maimi - Monthly Pharmacy Encounter Claim extract
Tirion - Providers terminated lock access to web portal or providers need a pin letter or pin reset
Unity One - Extract recipient data
USB - Delta file SMMC MMA Managed Care recipients and SMMC plans all active MMA enrolled recipients

Providers/Managed Care Organizations
X12 271 S010 Health Care Eligibility
Unsolicited X12 271 S010 HC Eligibility
X12 277 S010 Claim Status response
X12 277U S010 response from Financial or Claims when information is missing
X12 835 S010 HC Claim Payment Advice
MCO capitations paid enrolled recipients
X12 999 S010 report errors or acknowledge error-free transaction set
X12 997 S010 report errors or acknowledge error-free transaction set

Better Health Care for All Floridians
AHCA.MyFlorida.com
Technical Standards
## Technical Standards

<table>
<thead>
<tr>
<th>Standard</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Management Strategy</td>
<td>Provides a structure to improve information management and data sharing across FX.</td>
</tr>
<tr>
<td>Data Standards</td>
<td>Creates consistent definition of the required format, structure, and rules around data usage.</td>
</tr>
<tr>
<td>Technical Management Strategy</td>
<td>Sets AHCA’s technology management based on outcome-driven, initiative-based management principles.</td>
</tr>
<tr>
<td>Technology Architecture Documentation</td>
<td>Documents the conceptual overview of FX and guides development of technical solutions for FX.</td>
</tr>
<tr>
<td>Technology Standards</td>
<td>Produces standards following guidance defined in MITA 3.0 Part 3 Technical Architecture Chapter 6 Technology Standards.</td>
</tr>
<tr>
<td>Design and Implementation Management Standards</td>
<td>Defines development standards and processes for procurement implementation of FX components.</td>
</tr>
<tr>
<td>Enterprise Data Security Plan</td>
<td>Defines the required protections, processes, and controls to meet compliance requirements, such as the Health Insurance Portability and Accountability Act.</td>
</tr>
</tbody>
</table>
RACI
<table>
<thead>
<tr>
<th>Role</th>
<th>SEAS Vendor</th>
<th>FX Project Owner</th>
<th>ISIP Vendor</th>
<th>Governance</th>
<th>NNW Vendor</th>
<th>FMS/Systems Owner</th>
<th>VMS/Remote</th>
<th>&amp; V Vendor</th>
<th>Topic Status</th>
<th>Stakeholders</th>
<th>Topic Priority</th>
<th>Artifact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Market Overview</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Visioning</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Strategic Priorities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Strategy to Tactics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.1 Concept of Operations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Project Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>