

Num	Area	Application(s)	Category	Business Requirement and Description	Release	Priority	Implementation Note	Date Required	Comment
100	Software								
101		All	Bulk File Transfer	EAI shall provide a mechanism to efficiently transfer large volumes of data using the MQSeries Infrastructure	3.0	H	The Data Integrator product from CommerceQuest meets this requirement.	3/18/2002	This product has been installed and is in use.
102		All	Queue Monitoring	EAI shall provide a mechanism to monitor the status of queues and provide notification when there are problems	3.0	H	The MQMON product provided by CSC will meet this requirement	1/15/2002	CSC is providing this capability; it is now in place.
103		All	Message Tracing	EAI needs a tool to trace messages and queue performance to support the development process, performance tracking and tuning, and usage data. The EAI Team shall define the requirements, support product evaluation, and make a product recommendation for such a tool.	3.0	M	Investigating the TransactionVision product produced by Bristol Technologies	5/15/2002	Evaluation is in progress; on hold pending other development efforts. Software may be acquired by CSC.
104		All	MQ Metrics	EAI needs a tool to measure MQ traffic in terms of number of messages, and/or data volume. The EAI Team shall define the requirements, support product evaluation, and make a product recommendation for such a tool.	3.0	M	Investigating the TransactionVision product produced by Bristol Technologies	6/30/2002	Evaluation is in progress; on hold pending other development efforts. Software may be acquired by CSC.
200	Adapters								
201		DMCS Replacement		EAI shall provide a new MQ Core Adapter for the application that replaces DMCS.	3.0	H	The DMCS solution has not yet been selected	8/1/2002	
202		Direct Loan Consolidation		EAI shall provide a new MQ Core Adapter for DLCS	3.0	H		7/1/2002	
203		PIN Site		EAI shall provide a new MQ Core Adapter for the PIN Site	3.0	H	This is a preliminary requirement.	7/1/2002	
204		Consistent Answers	Siebel	EAI shall customize the MQ capabilities in Siebel to implement an MQ Core Adapter	3.0	H	This builds on the capability provided with Siebel.	7/1/2002	
205		Consistent Answers	IVR	EAI shall provide a new MQ Core Adapter for the Consistent Answers Interactive Voice Response Unit (IVR)	3.0	H	The IVR solution has not yet been selected.	7/1/2002	This is contingent upon the need for an Adapter and the selection of IVR technology.
300	Components								
301		All	Common Logging	EAI shall provide a common logging component that can be used by Adapters when they are built to log appropriate interface data.	3.0	H	Provide an API that can be called	4/1/2002	Some basic capability has already been developed. May be superseded by COTS software.
302		All	File Transfer	EAI shall provide a common component that will transfer large files from one application to another using the CommerceQuest Data Integrator 4.0.1 tool that builds upon the MQSeries messaging capability.	3.0	H	CommerceQuest Data Integrator 4.0.1 is the tool that will be used to accomplish this file transfer.	2/15/2002	This will interface with the files that each application produces.
303		FMS	Database Functionality	EAI shall provide a common component that will be used by Adapters when global units of work need to occur between MQSeries and a database.	3.0	H	MQSI 2.0.1 supports global units of work for some database on specific platforms. An API/application will be provided for global units of work not supported by MQSI 2.0.1.	3/10/2002	
304		Some	Database Functionality	EAI shall provide a common component that will be used by Adapters when stored procedures or PL/SQL calls need to be executed.	3.0	L	MQSI 2.0.1 supports a subset of stored procedure calls. An API/application will be provided for stored procedure calls not supported by MQSI 2.0.1.	9/28/2002	
305		Pay.gov, FMS	Data Transfer	EAI shall provide a common function that will allow Adapters to communicate with MQSeries using HTTP/HTTPS.	3.0	L	MQSeries Internet pass-thru HTTP tunneling feature allows for MQSeries messages to be sent via HTTP or SSL.	9/28/2002	ITA may take on this requirement.
306		eCB	Notification	EAI shall provide a common component that will be used by Adapters when an Email notification needs to be sent.	3.0	L	MQSI 2.0.1 Sendmail Plug-In node allows or emails to be sent from based on MQSeries messages.	9/28/2002	

Num	Area	Application(s)	Category	Business Requirement and Description	Release	Priority	Implementation Note	Date Required	Comment
400	Core Services								
401		All		EAI shall provide Architecture planning support to the overall Modernization effort, and to individual project teams.	3.0	H		9/28/2002	
402		Some		EAI shall support the deployment and configuration of MQSeries and MQSI	3.0	H		9/28/2002	
403		All		EAI shall support the deployment and configuration of Data Integrator	3.0	H	For file transfers	9/28/2002	
404		Some		EAI shall support the deployment of Corrective Service Deliverables (CSDs)	3.0	H	MQ Patches	9/28/2002	
405		Some		EAI shall support the deployment of AMI including Metadata Repository Instance	3.0	H	Java wrapper for MQ	9/28/2002	
406		All		EAI shall support the deployment of JDK	3.0	H	For custom adapters and transformations	9/28/2002	
407		All		EAI shall provide interface adapter development support	3.0	H		9/28/2002	
408		Some		EAI shall provide data transformation development support.	3.0	H		9/28/2002	
409		Some		EAI shall provide support for common services (such as application logging)	3.0	M		9/28/2002	
500	Development Integration Services								
501		All	Interface Design	EAI shall offer the application team primary assistance in the development of Interface Control Documents (ICD's)	3.0	M		immediate	
502		All	Interface Development	EAI shall either offer development resources to the application team or SME support to the application developers	3.0	H		immediate	
503		All	Interface Testing	EAI shall offer the application team SME assistance on adapters and components during the testing phase of an application	3.0	H		immediate	
504		All	Interface Production Release	EAI shall lead the effort of releasing interfaces to production for each application	3.0	H		immediate	
505		DMCS Replacement, Consistent Answers, eCB, EFS, FMS, eServicing, FARS Retirement, Financial Partners Data Mart, SFA Portals, Single Sign On	Interface Development	EAI shall coordinate with the application teams to provide Development Integration Services. Any significant application specific effort is the responsibility of the application team, although the skills may be provided from the EAI Team.	3.0	H		9/28/2002	
600	EAI Outreach								
601		All	Communication Strategy	Outreach activities support integration of applications to EAI, and provide a bridge across stakeholders (operating partners, application teams, etc.) Outreach activities are outlined in detail in a communication plan. Activities include a series of workshops, monthly meetings for application teams, EAI information packets, and newsletter communications.	3.0	M	Communication activities are in progress.	various beginning November 2001	Implementation in progress.
702		All	EAI Workshop Series	A series of 7 workshops targeted at our stakeholders are part of the overall EAI outreach effort. Targeted audiences include SFA operating partners and their technical representatives, SFA application teams, application developers and technical architects.	3.0	M	Workshops are provided every other month, alternating with the ITA team.	various beginning November 2001	Two workshops have been successfully completed since November 2001.
703		All	EAI Integration Monthly Meetings	Monthly Integration meetings provide an opportunity for application teams and the EAI team to discuss issues, status, and milestones regarding development of interfaces to the EAI bus.	3.0	M	Meetings occur monthly on the first Thursday, unless that conflicts with a holiday.	Monthly	Two monthly meetings have been successfully attended since November 2001.
704		All	EAI Education	EAI provides documentation regarding EAI and MQSeries.	3.0	M	Documentation is in progress.	N/A	Documentation has been provided to Dept. of Ed computer specialists in regional locations.