



Change History Log:

October 30, 2002

In Response Reply to: 02EDU0635

Department of Education
Student Financial Assistance

Subject: Contract # ED-99-DO-0002
Task Order # 80 Enterprise Application Integration (EAI) Core Architecture Release 3.0
Deliverable 80.1.4b EAI Enablement Guide

Deliverable 80.1.4b EAI Release 3.0 Build and Test Report- Significant Concerns					
Suggested Changes/Comments	Page	Author	Date	Change Made Y/N	Comment
<p>1. Change History Log indicates that many changes were made as a result of IV&V comments to the "Preliminary" version of this document. None of these changes were found in this "Final" version with the possible exception of one change (as a result of inserting a new section 1.4)</p>	Overall	IV&V		Y	<p>This document should contain all changes per Change History Log.</p> <p>EAI Response: All of the IV&V changes had been made to this deliverable. All the changes in the change log now exist.</p>
<p>2. Section 1.4 indicates that this document:</p> <ul style="list-style-type: none"> • <i>"Defines the procedures to enables FSA business applications to connect to the EAI Core Architecture".</i> <p>Procedures presented in section 2.1 are primarily "high level" activities involving the EAI Team. The information provided implies that connections must be established by the EAI Team rather than providing the instructional details so that others can establish such connections.</p>	Overall	IV&V		Y	<p>Document should define detailed procedures so individual FSA business applications have the instructions they need to connect to the EAI Core Architecture. Such procedures should be oriented toward and provide adequate details so FSA business applications can establish connections rather than just turning job over to the EAI Team to perform.</p> <p>EAI Response: Connecting to the EAI Bus is a varied process dependant upon OS, application, type of</p>



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					interface, requirements, etc. Therefore there is no single step-by-step process that can be followed to simply “plug-in” to the Bus. It requires detailed interactions between application team admins and technical MQ Series administrators. However, there are core steps that can be followed in each case. In response to these comments the core steps have been refined and detailed in section 2.1.
<p>3. Section 1.4 indicates that this document:</p> <ul style="list-style-type: none"> “ Documents the steps to design and build interfaces between FSA business applications and legacy systems”. <p>It is further indicated that such documented steps are provided in section 7 which “contains representative examples of interfaces using each of the EAI middleware products thereby providing guidance on integrating FSA applications with the EAI Core Architecture.”</p> <p>Section 7 contains 3 “Examples”:</p> <ul style="list-style-type: none"> Data Integrator MQSeries Integrator Adapter <p>These examples present steps but not the “steps to design and build interfaces”.</p>	Overall	IV&V		Y	<p>This document should document the steps to design and build interfaces between FSA business applications and legacy systems for each business application and legacy system.</p> <p>EAI Response: This section has been revised to include additional detail. The core steps outlined in section 2.1 are supplemented with the unique steps taken for each of these interfaces in section 7.1-7.3.</p>
<p>4. Section 1.4 indicates that this document:</p> <ul style="list-style-type: none"> “ Identifies the procedures to identify the business rules for the interface between FSA business applications and legacy systems”. <p>Section 1.4 indicates that the “procedures to identify the business rules for the interface between FSA business applications and legacy</p>	Overall	IV&V		Y	Simply providing the questionnaire that was used to gather information does not fully explain the procedures that were used to identify business rules. For example, how was the information in



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<p>systems” are the “Core Service Questionnaire” in Appendix C.</p> <p>Section 2.1 item 2 states: <i>“System owners complete EAI Questionnaire. (Please see Appendix C: EAI Core Services Questionnaire)”</i>.</p>					<p>completed questionnaires translated into business rules for interfaces?</p> <p>EAI Response: The EAI questionnaire is a first step to create an estimate. An Interface Partner Agreement (Agreed scope of work between EAI and the Application team) and detailed design documentation is created with the application team to ensure functional requirements are understood and agreed upon. This design documentation is then used as reference during the build and test phase. Please see section 2.1 that outlines in greater detail the Core sequence of steps between the initial questionnaire and the build phase.</p>
<p>5. Separate Executive Summary document indicates that this document: <i>“Includes Component User Guide for Component Library”</i>.</p>	Overall	IV&V		N	<p>Document should add indicated materials for Component User Guide for Component Library.</p> <p>EAI Response: This component guide has been incorporated into the Enablement Guide. Section 8 – outlines the EAI reusable components. As there was only the single logging component created in R3.0, a separate document was not necessary.</p>



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6. Sections 5 and 9 are not mentioned as mapping to any of the document “objectives”.	Page 9, section 1.4	IV&V		Y	<p>Explain how the information presented in sections 5 and 9 are to be used and/or relate to the stated objectives of the document.</p> <p>EAI response: Sections 5, 7, and 9 document the steps to design and build interfaces between FSA business applications and legacy systems.</p>

Deliverable 80.1.4a EAI Release 3.0 Enablement Guide—Minor Concerns

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<p>7. Missing bullet. There is no bullet listing Section 12 – Appendix C that has been added to this version of the document.</p> <p>Note: normally appendices are not identified with both a section number and also an appendix letter.</p>	Page 9, section 1.3 bullets	IV&V		Y	<p>Add bullet at end of list of sections for Section 12 – Appendix C.</p> <p>EAI response: Added bullet for Section 12-Appendix C.</p>
8. Middle column has the entry “Appendix”, but there are 3 appendices.	Page 10, section 1.4 table, last row	IV&V		Y	<p>Change to “Appendix C”</p> <p>EAI response: Added “C” to Appendix.</p>
<p>9. Statement “This section documents when to use each one of the MQSeries objects covered in section 2.1”.</p> <p>With renumbering section 2.1 is now entitled “Process Steps for Building an EAI Interface” and does not when to use MQSeries objects.</p>	Page 21, section 2.4	IV&V		Y	<p>Reference correction section that addresses “each one of the MQSeries objects”.</p> <p>EAI response: This section provides additional detail about the build steps for section 2.1.</p>
Wording “queue manger” is	Page 25, section	IV&V		Y	Change all



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misspelled here and other places.	2.6.1, 6 th paragraph				occurrences of “queue manger” to “queue manager” EAI response: Changed all occurrences to the correct spelling.