



Change History Log:

June 28, 2002

In Response Reply to: 02EDU0456

Department of Education
 Student Financial Assistance
 Carol Seifert
 Contracts Office Technical Representative

Subject: Contract # ED-99-DO-0002
 Task Order # 80 Enterprise Application Integration (EAI) Core Architecture Release 3.0
 Deliverable 80.1.2 EAI Release 3.0 Technical Specification

Dear Ms. Seifert:

Enclosed is the EAI Release 3.0 Technical Specification that is required by the subject task order. Attached are suggested changes from the reviewers. Future revisions are not planned, but the document will be updated as appropriate.

ACCENTURE, LLP

Deliverable 80.1.2 EAI Release 3.0 Technical Specification 06/28/02					
Suggested Changes/Comments	Page	Author	Date	Change Made Y/N	Comment
<p>1. Missed Concern <u>Initial Concern</u> Wording "This document provides an overview of the Technical Specification ..." The above statement implies that this document only provides a high-level overview rather presents the actual design details that are normally presented in a Technical Specification.</p> <p><u>Suggested Correction</u> Expectation is that a Technical Specification will present the detailed design for all capabilities to be implemented.</p> <p><u>Accenture Comment</u> "In progress – this issue will be addressed via the correction implemented throughout the document".</p> <p><u>Follow-up Comment</u> Accenture comment "In progress" appears to mean that this concern is still be being worked. No change was found in the referenced sentence that still contains the word "overview".</p>	Page 1, section 1 - Introduction as well as other places in the document	IV&V	6/28/02	Y	<p><u>Correction</u> Sentence now reads:</p> <p>"This document provides an overview of the detailed design of the Technical Specification for Release 3.0 EAI Core Architecture."</p> <p>In addition a detailed section, 3.9.3 Reusable Components, has been added.</p> <p>Furthermore, a design diagram was included for the Consistent Answers Initiative.</p>



<p>2. Initial Concern</p> <p>Wording “EAI Release 3.0 will build additional and enhanced technical services ...”</p> <p>This Technical Specification does not contain a single list describing the specific services to be provided, including identifying:</p> <ul style="list-style-type: none"> • Additional versus enhanced services • EAI team/personnel versus equipment provided services or combinations of people and software • Existing, upgraded, and new hardware and software components to be used for EAI Release 3 • Changes or differences in moving from EAI Release 2 to Release 3. <p>Suggested Correction</p> <p>Identify and describe the specific additional and enhanced technical services.</p> <p><u>Accenture Comment</u></p> <p>“In progress – this issue will be addressed via the correction implemented throughout the document”.</p> <p><u>Follow-up Comment</u></p> <p>Accenture comment “In progress” appears to mean that this concern is still be being worked. No changes were found that directly provide any of the information identified in the bullets listed above.</p>	<p>Page 1, section 1 - Introduction as well as other places in the document</p>	<p>IV&V</p>	<p>6/28/02</p>		<p>Added section 3.10, which describes EAI Services provided to application teams.</p>
<p>3. Initial Concern</p> <p>Wording “This is a design document, which builds off of the requirements outlined in 80.1.1 EAI Release 3.0 Assessment and Requirements Matrix”.</p> <p>The above statement is open to different interpretations with respect to the meaning of “builds off”. There does not appear to be a clear mapping of requirements in the Requirements Matrix to the “designs” presented in this Technical Specification.</p> <p>Suggested Correction</p> <p>Relate designs (i.e., EAI components and services) to specific requirements.</p> <p><u>Accenture Comment</u></p> <p>This will be addressed by adding a RTM.</p> <p><u>Follow-up Comment</u></p> <p>The current version of the RTM for Release 3.0 contains 16 requirements. There is no specific mapping of these requirements to the Technical Specification. For example, the RTM might reference section numbers in the Technical Specification and/or the Technical Specification might reference RTM requirement numbers. No such cross-referencing is found in either.</p> <p>Correction:</p> <p>Added a column to Requirements Traceability Matrix called “Tech Spec Reference”. This column lists the section of the tech spec that references the requirement listed in the Requirements Matrix.</p>	<p>Page 2, section 1.4 Relationship to Other Documents</p>	<p>IV&V</p>	<p>6/28/02</p>	<p>Y</p>	<p>A column has been added to the Requirements Traceability Matrix called “Tech Spec Reference”. This column lists the section number of the Technical Specification that includes design information for the requirements listed in the Requirements Traceability Matrix.</p>



<p>4. Initial Concern</p> <p>It is indicated that the EAI Team will perform:</p> <ul style="list-style-type: none"> • Architecture problem investigation • Architecture problem resolution • Architecture production change and enhancement support instructions • Architecture product specialty support <p>No definitions or examples are given for architecture problems, production changes, or products.</p> <p>Suggested Correction</p> <p>Describe and/or give examples of architecture problems, production changes, and products.</p> <p><u>Accenture Comment</u></p> <p>“Corrected – this was determined to be un-necessary for the scope of this document”.</p> <p><u>Follow-up Comment</u></p> <p>Accenture comment “Corrected” appears to mean that the initial concern was addressed, but the remainder of the statement appears to mean that no changes were made to address the initial concern. The continuing concern is vagueness with respect to the services the EAI Team will provide for EAI Release 3 and how these services are different from Release 2. The 4 bullets listed above are the only indicates about the types of services to be provided, but these bullets are not discussed and these services are not specifically identified in the RTM as requirements.</p>	<p>Page 22, Section 3.8.2, EAI Team bullets</p>		<p>6/28/02</p>		<p>Added examples to section 3.8.2.</p>
<p>5. Initial Concern</p> <p>Specific responsibilities of the EAI team are mentioned at various places in this Technical Specification.</p> <p>It would be helpful to provide a single list of all responsibilities to be undertaken by the EAI team.</p> <p>Suggested Correction</p> <p>Provide consolidated list of EAI team responsibilities.</p> <p><u>Accenture Comment</u></p> <p>“No changes needed – this will be addressed by expanding the bulleted list in 3.8.2 of EAI team responsibilities”.</p> <p><u>Follow-up Comment</u></p> <p>Accenture comment “No change needed” appears to mean that no changes were made in response to the initial comment, but the remainder of the Accenture comment appears to mean that the list of bullets would be expanded.</p> <p>As discussed above, there is no difference between previous and current list of bullets for the EAI Team. In particular, the following list is presented without explaining what each activity involves or how it will be performed:</p> <ul style="list-style-type: none"> • Architecture problem investigation • Architecture problem resolution • Architecture production change and enhancement support instructions • Architecture product specialty support 	<p>Page 23.</p>	<p>IV&V</p>	<p>6/28/02</p>	<p>Y</p>	<p>Appendix C has been added to depict the services provided by the EAI Team.</p>



<p>The above list is vague and open to misunderstanding with respect to responsibilities and open to different interpretations.</p> <p>There is a need for greater clarification with respect to the specific responsibilities of and services to be provided by the EAI Team.</p>					
<p>6. Sections 3.5.4 and 3.5.5 overlap at the end of page 17.</p>	<p>Pg. 17</p>	<p>IV&V</p>	<p>6/28/02</p>	<p>Y</p>	<p>Changes implemented.</p>
<p>7. Minor Requirements Traceability Matrix Problems Comment, for requirements number 103 and 104, states "Evaluation is in progress; on hold pending other development". "In progress" means efforts are moving forward and "on hold" means efforts are stopped.</p> <p>Comment , for requirements number 303, 304, and 306, the word "fulfill" is misspelled.</p>	<p>Req. Traceability Matrix</p>	<p>IV&V</p>	<p>6/28/02</p>	<p>Y</p>	<p>Changes implemented.</p>