

# OSA-EAI Release Information

## V3.0 PRODUCTION

Updated: 15-Mar-2006

Revision Date	Rev. Letter	Specifications Affected	Comments
17-Mar-2004	a	<all>	Production Release a
13-Apr-2004	b	<ul style="list-style-type: none"> <li>• CRIS</li> <li>• CRIS Reference Data Library</li> <li>• <i>Tech-Doc</i></li> <li>• <i>Tech-XML</i></li> </ul>	Production Release b <ul style="list-style-type: none"> <li>• CRIS updated to DATETIME(19:29) to conform with XML datetime minimum length standard and added user_tag_ident columns to Site_Database and Agent tables</li> <li>• CRIS V3.0 Modifications from V2.2 documentation updated/corrected</li> <li>• CRIS XSD updated/corrected</li> <li>• CRIS Reference Data Library XSD updated/corrected to change 4 negative integer entries to positive entries in eng_unit_enum table and revised/updated mim_interface_type entries to include <i>Tech-File</i> and support level 1 &amp; 2 entries for all support types</li> <li>• ORACLE &amp; SQL Server scripts updated/revised to comply with specification changes mentioned above</li> <li>• Revised Tech-Doc specifications to include 2 separate documents for each support level which provides the valid table entities for each.</li> <li>• Added interfaces to BLOB-XML Support Level 2 Read which should have been</li> </ul>

			<p>included since they were in level 1</p> <ul style="list-style-type: none"> <li>• Added interfaces to DIAG-XML Support Level 2 Read which should have been included since they were in level 1</li> <li>• Updated <i>Tech-XML</i> V3-0CrisVocabInclude.xsd common file to match the changes in CRIS and the properly validate the date-time attributes</li> </ul>
20-May-2004	c	<p>Presentation material corrected and updated.</p> <p>New document: OSA-EAI V3.0 Interface Catalog [May 2004] (Doc &amp; PDF format).</p> <p>CCOM updated.</p> <p>CRIS Reference Data Library</p> <p>New <i>Tech-Doc</i> Support Level 1 CRIS V3.0 Valid Table Entity Specification document.</p> <p>New <i>Tech-Doc</i> Support Level 2 CRIS V3.0 Valid Table Entity Specification document.</p> <p>New examples in <i>Tech-XML</i> section.</p>	<p>Production Release c</p> <p>Additions to MIM_INTERFACE_TYPE table</p>
13-Aug-2004	d	<p>OSA-EAI Technical</p>	<p>Production Release d</p> <p>Corrected (Word &amp; PDF format)</p>

		Architecture Summary	
		OSA-EAI Architecture Summary	Corrected (PPT format)
		MIMOSA Technology Update -- Full Version	Corrected (VSD & PDF format)
		CCOM V3-0	Added RegNetwork and CMTrendOpDataAlarm pages.
		CRIS & CRIS Reference Data Library	<p>Corrected CRIS Complete V3-0 XML Schema for agent, site_database, and network entities</p> <p>Corrected all *_hr_delta columns to "short" datatype from "unsigned short"</p> <p>Corrected ORACLE8-Create-Tables SQL script for agent, site_database, and network tables</p> <p>Corrected ORACLE8-Insert-Statements SQL script for site_database and mim_func_type</p> <p>Corrected SQL-Server7-Create-Tables SQL Script for agent, site_database, and network tables</p> <p>Corrected SQL-Server7-Insert-Statements SQL script for site_database and mim_func_type</p>
		OSA-EAI V3.0 Registry Compliance For All Producer-Export-Server Applications	New document (Word & PDF format)
		Tech-Doc Schema	Corrected for agent, site_database, and network and changed all *_hr_delta columns to "short"

		<p>Tech-Doc Producer-Consumer Specification V3-0</p> <p>Tech-Doc Producer XML Document Entities For Support Level 1 Compliance</p> <p>Tech-Doc Producer XML Document Entities For Support Level 2 Compliance</p> <p>Tech-Doc Schema V3-0</p> <p>Tech-XML Client-Server Specification V3-0</p> <p>0000 Series Common Schema</p> <p>Tech-File Export Specification V3-0</p>	<p>datatype from "unsigned short"</p> <p>New Document (Word &amp; PDF)</p> <p>New Document (Word &amp; PDF)</p> <p>New Document (Word &amp; PDF)</p> <p>Corrected schema for agent, site_database and network entities</p> <p>Revised specification to remove the registry compliance section which is now in OSA-EAI V3.0 Registry Compliance For All Producer-Export-Server Applications document (Word &amp; PDF format)</p> <p>Corrected V3-0CrisVocabInclude</p> <p>Revised specification to remove the registry compliance section which is now in OSA-EAI V3.0 Registry Compliance For All Producer-Export-Server Applications document (Word &amp; PDF)</p>
22-Feb-2005	e	<p>DoD Adoption Notice -- MIMOSA</p> <p>MIMOSA Technology Update -- Full Version</p> <p>CCOM V3-0</p> <p>CRIS &amp; CRIS Reference</p>	<p>Production Release d</p> <p>New (PDF format)</p> <p>Corrected (PPT format)</p> <p>Corrected (VSD &amp; PDF format)</p> <p>Corrected documentation to reflect</p>

		Data Library	<p>that the FK reference to enterprise_id in the Site table refers to the "ownership" relationship which can change over time (different enterprises can own a site). Removed FK references to Site_Database in Enterprise_Type, Enterprise, Site_Type, Site_Type_Child, Site, and Site_Database tables</p> <p>Enhanced CRIS Complete V3-0 XML Schema to validate 16-character hex site PK and all FK references</p> <p>Corrected ORACLE8-Create-Tables SQL script to remove FK references to Site_Database in Enterprise_Type, Enterprise, Site_Type, Site_Type_Child, Site, and Site_Database tables</p> <p>Corrected SQL-Server7-Create-Tables SQL Script to remove FK references to Site_Database in Enterprise_Type, Enterprise, Site_Type, Site_Type_Child, Site, and Site_Database tables</p>
		Tech-Doc Schema	<p>Updated schema to validate 16-character hex site PK and all FK references</p>
		Tech-XML Client-Server Specification V3-0	<p>Added V3-0 Tech-XML Complete XSDs.zip which contains all XSD's in one zip file</p>
		0000 Series Common Schema	<p>Updated V3-0CrisVocabInclude to validate 16-character hex site PK and all FK references</p> <p>Corrected header in V3-0-5000-</p>

		<p>5000 Series REG-XML</p> <p>8000 Series WORK-XML</p> <p>Examples</p>	<p>02QueryEnterprise.xsd</p> <p>Corrected site filter in V3-0-5001-05QuerySite.xsd</p> <p>Revised V3-0-8007-09CreateAsRFWandWR.xsd and V3-0-8009-09CreateSgRFWandWR.xsd to allow a server to respond with a Work_Request and/or Work_Order and/or Work_Order_Step after receiving a Request for Work from a client. In the previous version, the server could only respond with a Work_Request.</p> <p>Added Trend-Web Read-Only Level 1 V3.0 Server &amp; Client.zip</p> <p>Added Work-Web Read-Only Level 1 V3.0 Server &amp; Client.zip</p> <p>Updated Trend-Web Write-Only Level 1 V3.0 Server &amp; Client.zip</p> <p>Updated Work-Web Write-Only Level 1 V3.0 Server &amp; Client.zip</p>
23-Aug-2005	f	<p>MIMOSA Technology Update -- Full Version</p> <p>CCOM V3-0</p> <p>CRIS &amp; CRIS Reference Data Library</p> <p>Tech-Doc Schema</p> <p>Tech-XML Client-Server Specification V3-0</p>	<p>Production Release e</p> <p>Corrected (PPT format)</p> <p>Corrected (VSD &amp; PDF format)</p> <p>Corrected SQL Server V8 Create Tables &amp; Insert Statement scripts.</p> <p>Corrected Tech-Doc Producer Support Level 1 Compliance document</p> <p>Revised V3-0 Tech-XML Complete to include V3-0-1017-01QueryOLScalarDataAndAlarms.xsd</p>

		1000 Series TREND-XML Schema	Added V3-0-1017-01QueryOLScalarDataAndAlarms.xsd
15-Mar-2006	g	MIMOSA Technology Update -- Full Version  Common Conceptual Object Model  CRIS Specification  CRIS Reference Data Library  Tech-Doc Schema  <b>Tech-XML Client-Server Specification V3-0</b>  0000 Series Common Schema  1000 Series TREND-XML	Production Release g  Updated  Typos Corrected  Corrected "CRIS Complete V3-0 [15-Mar-2006].xsd" XML Schema for certain FK references and set site_codeSimpleType to fixed hexBinary length of 8 (16 characters)  Updated to include ISA-95/ISA-88 segment_type and segment_type_child entries. (XML document, ORACLE, & SQLServer insert scripts modified)  Re-generated "Tech-Doc Schema V3-0 [15-Mar-2006]"  Re-generated corrected V3-0CrisVocabInclude.xsd  Corrected 1006-QueryMEvent  Corrected 1008-CreateScalarDataAndAlarms  Corrected 1010-CreateAsEventRelatedToMeasEvent

		2000 Series DYN-XML	Corrected 2006-QueryMevent Corrected 2010-CreateSpAmplDataAndAlarms Corrected 2011-CreateFFTData Corrected 2012-CreateTimeData
		3000 Series SAMPLE-XML	Corrected 3006QueryMevent
		4000 Series BLOB-XML	Corrected 4006-QueryMevent Corrected 4008-CreateMeventBlobDataAndAlarms
		5000 Series REG-XML	Corrected 5017-QueryMdParents
		8000 Series WORK-XML	Corrected 8007-CreateAsRFWandWR Corrected 8008-CreateOLRFWandWR Corrected 8009-CreateSgRFWandWR