

# UI SIDES

## Separation Information Data Exchange System

### Final Technical Software Architecture and Design

## Separation Information Data Exchange System (SIDES)

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Design Baseline

8 December 2009

**Parts of Sections 5 and 6 have been redacted for security reasons.  
For the complete un-redacted version of this document, please contact:**

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## Revision History

Date	Version	Description	Author
05/22/2008	1	Consortium Acceptance Review Draft	Jason Holzbach, Lou Ansaldi
06/06/2008	2	Design Baseline (Updated according to Consortium Review)	Jason Holzbach, Lou Ansaldi
07/25/2008	3	<p>Section 4.8</p> <p>Made the XSD's it's own section to allow for a description of what the XSD's are representing. Added agreed upon text for the XSD's from Section 2 of CCB #2. (All subsequent sections numbers are incremented due to this change.)</p> <p>Section 4.8.3</p> <p>Added a TransmissionQueryCommon Elements.xsd which contains common elements from the Transmission xsd's – nothing new was added – restructuring avoids parsing errors present in original design</p> <p>Section 4.8.6</p> <p>Replaced RequestResponseTypeElements .xsd with the new types according to the CCB #2 document</p> <p>Section 4.4.3, Section 4.4.4, Section 4.4.8, and Section 4.4.9</p> <p>Updated WSDL sections that deal with a re-pull because of information gained in development – nothing new was added – restructuring avoids parsing errors present in original design</p> <p>Section 4.5</p> <p>Changed Request business rule error messages 11 and 12 to match what was agreed upon in CCB #2.</p>	Jason Holzbach

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12/24/2008	4	<p>4.5.1 Claim Request Acknowledgement Error Codes Updated error code numbers</p> <p>4.5.2 Claim Response Acknowledgement Error Codes Updated error code numbers and added 261, 262, 263</p> <p>4.6 State WSDL Replaced WSDL in document with links to the location of latest version</p> <p>4.7 EmployerTPA WSDL Replaced WSDL in document with links to the location of latest version</p> <p>4.8 XSD Files Added explanation of how nulls are handled by SIDES</p> <p>4.8.1 StateTransmissionQuery.xsd Replaced XSD in document with links to the location of latest version</p> <p>4.8.2 EmployerTPATransmission Query.xsd Replaced XSD in document with links to the location of latest version</p> <p>4.8.3 TransmissionQueryCommon Elements.xsd Replaced XSD in document with links to the location of latest version</p>	Jason Holzbach
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		<p>4.8.4 SeparationRequest.xsd Replaced XSD in document with links to the location of latest version</p> <p>4.8.5 SeparationResponse.xsd Replaced XSD in document with links to the location of latest version</p> <p>4.8.6 RequestResponseType Elements.xsd Replaced XSD in document with links to the location of latest version</p> <p>4.9 SOAP Headers Changed all SOAP headers to use <a href="https://uidataexchange.org">https://uidataexchange.org</a></p> <p>5 Security Framework Provides additional detail on XML Secure Timestamp, X.509, XML digital signature, reference to the OASIS standard, example State Post SOAP message with security layer applied, and specification of the order in which message level security constructs must be applied</p> <p>6 Putting It All Together Changed all references to use <a href="https://uidataexchange.org">https://uidataexchange.org</a></p> <p>7.3.1 Pseudo Code Assumptions Updated assumptions discussion and bullet list Changed 'deserialize' to 'unmarshall' in pseudo code</p>	
04/29/09	5	Made changes to the reports section of the Website Flows to bring them in line with Use Case 7.0.	

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		<p>Removed 4.5.2 Claim Response Acknowledgement Error Codes number 253, 255</p> <p>Changed 4.5.2 Claim Response Acknowledgement Error Codes number 261.</p> <p>Added 4.5.2 Claim Response Acknowledgement Error Codes numbers 264</p> <p>Updated 4.5.2 Claim Response Acknowledgement Error Codes numbered 211, 213, 216 to match what was in the Appendix E. No functional change – just a textual change.</p> <p>Updated Security sections to reflect the Digital Signature, Encrypt, Timestamp method.</p> <p>Added SOAPAction section</p> <p>Changed the WSDL definitions to include the SOAP Action (used the WSDL:binding instead of the WSDL:portType to describe the methods)</p> <p>Added a table in the Custom SOAP headers section that defines what each of the custom header elements are.</p> <p>Added clarification on the certificate needed – SHA1withRSA with a SubjectKeyIdentifier.</p> <p>Pasted a new sample SOAP message on top of the old one to show the new security in section 5.6.</p> <p>Updated section 5.7</p>	
8/3/09	6	Updated Business Rules (4.5.2) to match what was CCB #5	Jason Holzbach
8/17/09	7	Updated class diagrams, entity relationship diagrams, web screens and tools to match current design state.	Jason Holzbach
10/01/09	8	Added Error Codes in Section 4.5 to CCB #6 (102, 202)  Corrected documentation errors in Section 4.5 (219, 224, 229, 241, 247)	Jason Holzbach
12/08/09	9	Changed ViolateCompanyPolicyInd to DischargePolicyAwareInd in section 4.5.2 – number 235	Jason Holzbach / Colin Lennox

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