

UI SIDES

Separation Information Data Exchange System

Glossary

Separation Information Data Exchange System (SIDES)

REQUIREMENTS BASELINE

24 December 2008

Revision History

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03/04/2008	1	Initial Draft	Lou Ansaldi (ITSC), Jason Holzbach
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		reflecting approved changes from CCB #3 document.	
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Table of Contents

A	6
B	6
C	6
D	7
E	7
F	8
G	8
H	8
I	8
J	8
K	8
L	8
M	8
N	9
O	9
P	9
Q	9
R	9
S	9

T	10
U	10
V	11
W	11
X	11
Y	11
Z	12

The purpose of this document is to present definitions of commonly used words, acronyms or phrases in terms of the Unemployment Information Separation Information Data Exchange System.

A

Active	A flag that is set on the Broker Web Site that signifies that a Connector is able to send and receive request and response files. If the Active Flag is set to <i>NotActive</i> for any reason (the connector has some planned maintenance, extended unplanned outage, etc) and a file is sent or received by that connector the activity is noted.
Administrator, Broker	The SIDES Administrator for the Broker. This role has super user permissions and can complete any task associated with the Broker.
Administrator, State	The SIDES Administrator for a particular State. This role has super user permissions in the Broker within that States information.
Administrator, Employer/TPA	The SIDES Administrator for a particular Employer/TPA. This role has super user permissions in the Broker with that Employer/TPA’s information.

B

Broker	The main interchange for separation information between States and Employers/TPA
BrokerRecordTransactionNumber	A unique ID given to every valid request record that enters the Broker. It is mainly used for internal reporting purposes and must be returned by an Employer/TPA to which it was sent.

C

CA	Certificate Authority - an entity which issues digital certificates for use by other parties. It is an example of a trusted third party. CAs are characteristic of many public key infrastructure (PKI) schemes.
CCB	Change Control Board
Challenge/Response Mechanism	A method where a response is requested of the user with a challenge (What is your mothers maiden name?) to authenticate the users ability to change a password. The challenge/response has been agreed to before hand.
Customer Service Actor	The actor that represents the SIDES Customer Service agent. The customer service desk is the center of control for platform monitoring and service restoration. The service desk uses ACS Remedy for tracking problems, requests, and change management. Remedy also is used to document problem situations, and uses problem searches and

	historical data for predictive and proactive problem management.
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D

Dates	All dates kept by the system are in the format of mm/dd/yyyy hh:MM:ss. All dates displayed by the system will be in EST.
DOL	Department of Labor

E

EmployerSOAPTransactionNumber	The unique ID given to a Request File by the Broker that is sent to anEmployer/TPA. The Employer/TPA can then use this number to request a re-Pull of that file (within the purge policy limits).
Employer/TPA ID	See Unique Connector ID
Error, Critical	A catastrophic failure that does not have a viable detour or workaround; a failure that blocks or obstructs further User Acceptance Testing. The failure has significant business impact such as high cost or damage potential, to include significant loss of data and severe performance impacts (very sluggish system response times). The business process under test is inoperable or not recoverable or the error prevents further execution of the remaining processes in a logical set of business processes. The failure results in loss of critical data integrity, availability, or confidentiality for data items such as financial data, employer information data.
Error, Moderate	The failure of application code presents an inconvenience to the user but a viable detour or workaround is available. The business process under test produces partially correct results which have moderate cost or damage potential to the business. The failure does not prevent further execution of the remaining processes in a logical set of business processes. The failure may cause loss of integrity, availability, or confidentiality (where appropriate) for non-critical data.
Error, Minor	A fault that is non-compliant with the specification, but does not interfere significantly with the use of the system. There is insignificant cost or damage potential to the business. Data integrity, availability, or confidentiality (where appropriate) is not compromised. (Cosmetic faults are one example.)
Error, Class I	See Error, Critical
Error, Class II	See Error, Moderate
Error, Severity I	See Error, Critical
Error, Severity II	See Error, Moderate
Error, Severity III	See Error, Minor

F

File	A collection of 1 to N records and all of the attachments. A Request File contains Request Records destined for 1 (and only 1) Employer TPA and its maximum size is 8MB. A Response File contains Response Records destined for 1 (and only 1) State and its maximum size is 8MB.

G

GUID	A Globally Unique Identifier is a special type of identifier used in software applications in order to provide a reference number which is unique in any context, for example, in defining the internal reference for a type of access point in a software application, or for creating unique keys in a database. While each generated GUID is not guaranteed to be unique, the total number of unique keys (2^{128} or 3.4×10^{38}) is so large that the probability of the same number being generated twice is very small.

H

I

IT	Information Technology
ITSC	Information Technology Support Center

J

J2EE	Java Platform, Enterprise Edition - A widely used platform for server programming in the Java programming language. The Java EE Platform differs from the Standard Edition (SE) of Java in that it adds additional libraries which provide functionality to deploy fault-tolerant, distributed, multi-tier Java software, based largely on modular components running on an application server.

K

L

M

Message Layer Security	Message layer security represents an approach where all the information related to security is encapsulated in the message.
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Metrics	Data and information regarding SIDES transaction activity and health of SIDES system
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N

NASWA	The National Association of State Workforce Agencies
.Net	A software component that is a part of Microsoft Windows operating systems. It has a large library of pre-coded solutions to common program requirements, and manages the execution of programs written specifically for the framework.

O

Open Source	A set of principles and practices on how to write software, the most important of which is that the source code is openly available

P

Payload	The SOAP construct that contains a request/response file plus attachments.
Post	A connected entity (State/Employer/TPA) sends a file to the Broker.
Pull	A connected entity (State/Employer/TPA) collects a file from the Broker. Event initiated by entity.
Push	Broker sends file to connected entity. Event initiated by Broker.

Q

R

Record	An XML construct that contains a unique SSN identifier and associated record field data. It may contain up to 10 attachments.
RCL	Revocation Control List – A list that contains all of the outdated and unknown security certificates presented to the Broker. This may not be an actual physical list but helps convey system functionality.

S

SAML	<p>Security Assertion Markup Language - an XML standard for exchanging authentication and authorization data between security domains, that is, between an <i>identity provider</i> (a producer of assertions) and a <i>service provider</i> (a consumer of assertions). SAML is a product of the OASIS Security Services Technical Committee.</p> <p>The single most important problem that SAML is trying to</p>
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	solve is the <i>Web Browser Single Sign-On (SSO)</i> problem. Usage for SIDES to be determined in design phase.
Severity I	See Error, Critical
Severity II	See Error, Moderate
Severity III	See Error, Minor
SI	Separation Information
SIDES	Separation Information Data Exchange System - The project name.
SOAP	A protocol for exchanging XML-based messages over computer networks
StateRequestFileGUID	The unique GUID given to a request File by a State.
StateRequestRecordGUID	The unique GUID given to a request Record by a State.
StateSOAPTransactionNumber	The unique ID given to a Response File by the Broker that is sent to a State. The State can then use this number to request a re-Pull of that file (within the purge policy limits).
STS	Security Token Service – A Web service can verify the credentials presented by the client through the use of brokered authentication with a security token issued by a Security Token Service (STS). The STS is trusted by both the client and the Web service to provide interoperable security tokens
SUIA	State UI Agency
SWA	State Workforce Agency

T

Token	An object which represents the (often exclusive) right to perform some operation
TPA	Third Party Administrator. Represents multiple employers' interests by providing separation information to SUIAs and representing employers in appeals.
Transport Layer Security	Transport layer security represents an approach where the underlying operating system or application servers are used to handle security features. For data confidentiality, Secure Sockets Layer (SSL) is a common transport layer approach that is used to provide encryption.

U

UI	Unemployment Insurance
Unique Connector ID	The ID given by the Broker to every Connector that uniquely identifies that Connector to all parties involved.
URI	Uniform Resource Identifier - a compact string of characters used

	to identify an Employer/TPA’s web service endpoint.
USDOL	United States Department of Labor
Use Case	A use case is a description of a system's behavior as it responds to a request that originates from outside of that system. Use cases describe the interaction between a primary actor—the initiator of the interaction—and the system itself, represented as a sequence of simple steps.

V

W

Web Service	<p>A Web service is defined by the W3C as "a software system designed to support interoperable Machine to Machine interaction over a network."</p> <p>The W3C Web service definition encompasses many different systems, but in our usage the term refers to clients and a server that communicate using XML messages over HTTP that follow the SOAP standard. There is a machine readable description of the operations supported by the server written in the Web Services Description Language (WSDL).</p>
WS-*	A given Web Service protocol that has been standardized by a governing board. An example is WS-Security or WS-Trust.
WSDL (WIS-DOL)	Web Services Description Language - an XML-based language that provides a model for describing Web services. A client program connecting to a web service can read the WSDL to determine what functions are available on the server. Any special data types used are embedded in the WSDL file in the form of XML Schema. The client can then use SOAP to actually call one of the functions listed in the WSDL.

X

XML	A general purpose markup language.
XSD	XML Schema Definition – A set of rules an XML document has to conform to in order to be considered valid.
XSD Business Rule	The rules that cannot be expressed in the XSD but are rules placed on the data that can invalidate a record. These rules will be expressed in Java code and are listed in the Rules and Requirements document 1 - 43.
XSD Validation Rule	The rules that can be expressed in the XSD to validate a field, like the length of a field.

Y

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Z
