Artefact Map

High Level Design

Technical Design

1. SBR ebMS3 WIG
2. ATO ebMS3 Implementation Guide
3. SBR Core Services WIG
4. Service Business Implementation Guide (BIG)
5. Common Business Implementation Guide (cBIG) and Taxpayer Declaration Guide (TPDec)

Business Design

Functional Design

1. Service Registry (SR)
2. Package Content Note (PCN)
3. Message Structure Tables (MSTs)
4. Validation Rules (VRs)

Build

Platform Integration

1. SBR Core Services SDK (.NET, Java, C)
2. SBR Core Services WSDL
3. SBR ebMS3 SDK (.NET, Java, C)
4. SBR ebMS3 SDK Guide

Authentication Integration

5. Cloud Software Authentication and Authorisation SDK
6. SSL Certificates
7. SBR Authentication Developer Kit (ADK)

Service Development

8. Contract Schemas
9. XBRL API
10. Sample Contract Schemas
11. Service/Suite Specific Message Repository (MR)
12. Message Repository (MR)
13. Rule Implementation (Schematron)
14. Rule Implementation (C#)

Test

1. Conformance Suite Package Contents (PCN)
2. Conformance Suite Test Cases
3. Conformance Suite Key Store
4. Test Instances

Support

1. Artefacts and Location
2. Site and document maps
3. ATO XML Schema Generation
4. SBR AU (definitional) Taxonomy
5. Release Plan **Pending!**
6. Service Support Versioning Strategy
7. ATO Message Structure Guide
8. ATO Validation and Rule Expression Guide
9. ATO Common Record Delimiter Validation Rules
10. ATO SBR Physical End Points
11. ATO Taxonomy Architecture and Naming Conventions
12. ATO Service Characteristics Risk Chart
13. ATO Authorisation Errors
14. ATO Logical Artefact Map

Numeric locator descriptions

1. **SBR ebMS3 WIG:** Describes common technical components and services that are re-used by all business services, with messaging based on the ebMS3 standard and AS4 Conformance Profile.

2. **ATO ebMS3 IG:** Describes the ATOs implementation of the SBR ebMS3 WIG. This information was previously found in the cMIG and has been updated with a new pattern.

3. **SBR Core Services WIG:** Describes common technical components and services that are re-used by all business services on this platform.

4. **Service BIG:** Describes the business context and client usage of particular web services or a suite of services offered by the ATO through the SBR platforms.

5. **cBIG and TP Guide** Forms part of the broader suite of documents used by the ATO to describe the business context and client usage of the web services offered by the ATO through the SBR platforms.

   Provides guidance regarding the provision of taxpayer declarations in association with approved forms lodged to the ATO via SBR. It addresses the declaration to be given by the taxpayer to their tax agent prior to the Tax agents' submission of the approved form to the ATO.

1. **SR:** Contains service and message configuration data needed to interact with the ATO. This is a critical artefact in order to understand the relationships of messages to services, formats and deployment platforms.

2. **PCN:** Documents the contents of a service/suite package zip, the status of the artefacts, limited change history and key issues (essentially a high level release note).

3. **MST(s):** Defines the basic technical attributes and construct of a given message (contract schema). Relevant associated business data is also included to facilitate the end user to understand requirements at an elemental level.

4. **VR(s):** Defines the validation rules for a given message (contract schema), along with links to error codes. These artefact s are a sub-set of the technical (XML) Message Repository - containing all messages for the ATO. These are linked to their corresponding technical rule implementations (Schematron and/or C#).

1. **SBR Core Services SDK:** Contains reference client showing how to call the Keystore and STS with a UI.

2. **SBR Core Services WSDL:** Describes the service, the information exchanged and the technical protocols used for the exchange.

3. **SBR ebMS3 SDK:** Contains reference client showing how to call the Keystore and STS (without a UI); the embeddable client which allows ebMS3 base communication.

4. **SBR ebMS3 SDK Guide:** Identifies the key components of the SDK solution. Some of these components are re-used from the previously released SBR Core Services SDK. For new components, this document will outline the usage details and the API specification (where applicable).

5. **Cloud Software Authentication and Authorisation SDK:** Outlines the steps a DSP needs to perform to become CAA certified.

6. **SSL Certificates:** Contains SSL certificates that can be used for the various SBR environment endpoints.

7. **SBR Authentication Developer Kit (ADK):** Contains language specific SDKs to implement the Secure Token Service (STS) to connect to ATO.

8. **Contract Schemas:** Service/Suite specific schemas/message contracts in the formats of XBRL, XML or JSON.

9. **XBRL API:** Provides functionality for creating, validating, and consuming XBRL business documents. *Note: this API is no longer given DSPs who had not registered prior to June 2014.*

10. **Sample contract schemas:** Provided where test instances are in a later delivery cycle in order to show how an instance may look.

11. **Service MR:** Contains the Service/Suite ATO response messages.

12. **MR:** Contains the majority of ATO response messages. Some services have response messages packaged separately and these can be found within the service zip package.

13. **Rules - Schematron:** Provides the technical consumable VRs in Schematron for legacy implementations.

14. **Rules – C#:** Provides the technical consumable VRs in C# for new implementations.

1. **Conformance PCN:** Detailing artefacts within the package, their status, history and any known issues.

2. **Conformance Test Cases:** Defines the test cases used to self-certify against for a given service.

3. **Test instances:** Instance documents for use in self-certification testing.

4. **Conformance Key Store:** Containing credentials for a DSP to use when testing their product.

1. **Artefacts and location:** Contains links to artefact packages/documents and a short change description.

2. **Site and Document Maps:** Contains site and document information.

3. **ATO XML Schema Generation:** Describes the algorithm that the ATO uses to generate XML schemas from Message Structure metadata.

4. **SBR AU (definitional) Taxonomy:** Collection of items (data elements) that may be required to be reported by business to government agencies.

5. **Release Plan:** Provides a visual summary of expected services and environment deployment dates for a given period and release information.   **Pending!**

6. **Service Versioning:** Outlines the endorsed strategy for life cycle states of a service, principles for supporting versions and the decommissioning process.

7. **ATO Message Structure Guide:** Describes the data within the MSTs.

8. **ATO Validation Rule Expression Guide:** Describes the ATO validations and structured rule expressions.

9. **ATO Common Record Delimiter Rules:** Describes the validation that is applied to any message received in the eCommerce Bulk format.

10. **ATO SBR Physical End Points:** Defines the physical end points for both SBR platforms (along with EVTE and PROD) and STS.

11. **ATO Taxonomy Architecture:** Defines the ATO generated XBRL taxonomy architecture, naming conventions of ATO schemas (for supported formats) and linkbases where the format is XBRL.

12. **ATO Service Characteristics Risk Chart:** Describes the way in which the ATO classifies wholesale service actions and needs to be read in conjunction with the Service Registry.

13. **ATO Authorisation Errors:** Defines the Authorisation Errors that an end user may receive.

14. **ATO Logical Artefact Map (this PDF)** Maps ATO artefacts to the SDLC.