GS1 Australia

The Global Language of Business

Traceability Solution Validation

Self-Assessment Quick Guide

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Purpose

The GS1 Australia Traceability Solution Validation is available to GS1 members, organisations and solution providers that offer traceability solutions to the Australian marketplace and industry sectors.

The service delivers validation that the GS1 system is correctly implemented within a solution and is using the most adequate GS1 standards I.e., numbering, barcoding, labelling, **AIDC**[1], **RFID**[2], **GDSN**[3], **EDI**[4], **EPCIS**[5] and **CBV**[6], **GTS**[7] etc.

This helps GS1 members, organisations and solution providers evidence that a traceability solution adheres to and complies with the GS1 system and GS1 traceability standards and meets a minimum set of criteria required for the solution to be considered a validated GS1 traceability solution, suitable for the purpose of internal and external product traceability.

Solution Validation comprises two (2) parts:

• **Part A** - Traceability Solution Self-Assessment

• **Part B** - Traceability Solution Validation (Details not included in this guide)

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1 **AIDC:** Automatic Identification and Data Capture
2 **RFID:** Radio Frequency Identification
3 **GDSN:** Global Data Synchronisation Network
4 **EDI:** Electronic Data Interchange Commerce
5 **EPCIS:** Electronic Product Code Information Service
6 **CBV:** Core Business Vocabulary
7 **GTS:** Global Traceability Standard

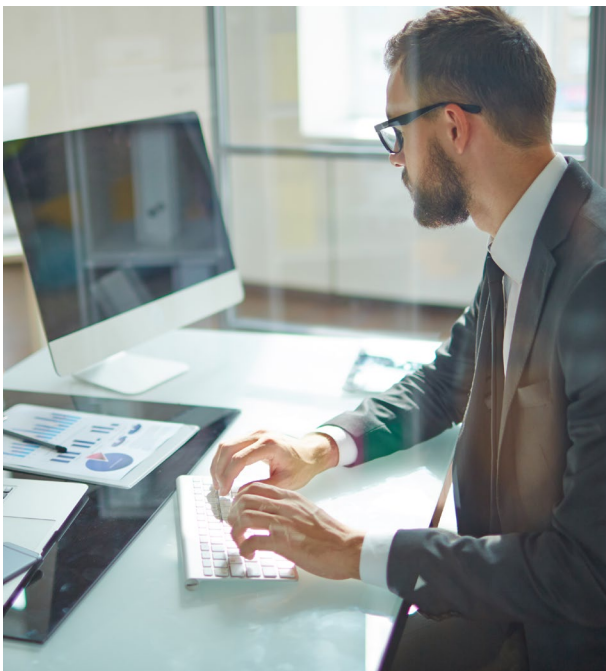## Part A: Traceability Solution Self-Assessment

The Self-Assessment Tool™ is used to complete and submit the on-line Self-Assessment Form.

The Self-Assessment Form contains criteria and questions to the collection and submission of information. The results of the Self-Assessment Review are also provided to the submitter using this form.

Self-assessment serves two purposes. Firstly it helps the submitter to recognise and understand the current capabilities and performance of their solution against the GS1 System and GS1 Traceability Standard requirements. Secondly it acts as a learning exercise for the submitter to gain a better appreciation of global standards.

The criteria and questions do not cover every possible traceability solution implementation scenario. They do however provide a framework and foundation from which additional questions can be formulated.

Not every criteria and question is relevant for every traceability solution, therefore, criteria and questions should be selected to best fit the solution for which the self-assessment is being undertaken.

Self-Assessment Process

A. Initial Discussion

A GS1 member, organisation or solution provider contacts GS1 to take part in the solution validation process by downloading the online form on the **GS1 website**.

B. Self-Assessment

The Self-Assessment Form is provided to the submitter for completion in conjunction with the assessment criteria and questions.

C. Self-Assessment Form Submission

The Self-Assessment Form is submitted electronically to GS1 Australia for review.

D. Self-Assessment Form Results

The validation summary and self-assessment results are returned to the submitter.

Self-Assessment Sections

The Self-Assessment Form comprises the following sections:

Self-Assessment Submitter and Solution Information

Self-Assessment Validation Summary
(To be filled in by the GS1 Assessor)

CONTENTS

Introduction & Objectives

IDENTIFY

1.0 Identification – Use of GS1 Identification Keys

1.1 GTIN Validation and Management

1.2 GLN Validation and Management

1.3 SSCC Validation and Management

1.4 GINC Validation and Management

1.5 GSIN Validation and Management

1.6 GIAI Validation and Management

1.7 GRAI Validation and Management

1.8 GSRN Validation and Management

1.9 GDTI Validation and Management

1.10 Production Batch/Lot, Serial and Dates Information

1.11. Bar Coding and Printing

CAPTURE (AND RECORDING)

1.12 Scanning and Decoding

- Data capture methods

1.13 Traceability Transaction and Event Data

- Record Keeping & Links Management

- Recording & Verifying Movements

1.16 System Capability

- Process (how traceability is performed and
  documented)

- Data standardisation

SHARE

Information Sharing

1.14 Master Data Sharing

1.15 Transaction and Event Data Sharing

- Interoperability and Interconnectivity

- Traceability System requirements

Self-Assessment Results

The results of the self-assessment provide clear strengths and opportunities for improvements to enhance the capabilities of the traceability solution under consideration.

Submitters can use the results of the Self-Assessment Review to roadmap GS1 Traceability Standard enhancements, develop an improved solution and evidence their progress regarding corrective action.

Submitters are invited to provide feedback on the results of the self-assessment.

Help

For any questions or help regarding the Self-Assessment Form or the GS1 Australia Traceability Solution Validation Service please contact GS1 Consulting at consulting@gs1au.org.

About GS1 Australia

GS1 is a neutral, not-for-profit organisation that develops and maintains the most widely used global standards for efficient business communication. We are best known for the barcode, named by the BBC as one of "the 50 things that made the world economy". GS1 standards and services improve the efficiency, safety and visibility of supply chains across physical and digital channels in 25 sectors. With local Member Organisations in 114 countries, 2 million user companies and 6 billion transactions every day, GS1 standards create a common language that supports systems and processes across the globe.

For more information visit the GS1 Australia website **www.gs1au.org**

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