

Integration Framework Suite

Release Notes for Release 11.5

RN316

TM Forum Approved Version 0.11



May, 2012



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Table of Contents

Notice.....	2
Table of Contents	2
1. Introduction	4
2. Overview of Integration Framework Suite Release 11.5	5
2.1. Key driving forces in this release.....	5
2.2. Summary of Change Requests in this release.....	5
3. Release Definition.....	6
3.1. Document Release Description	6
3.1. Model Release Description (if applicable)	7
4. Linkages to other Projects/Products.....	8
4.1. Frameworx	8
4.2. Others	8
5. Open Issues.....	9
6. Appendix A: Content Description of the Integration Framework Suite.....	10
7. Administrative Appendix	11
7.1. Document History	11
7.1.1. Version History	11
7.1.2. Release History	12



1. Introduction

This document provides the overview content of the Integration Framework and it will identify the changes introduced in this current release.

For details on packaging and accessing the documents please refer to the Integration Framework Read Me First note which can be found in the Getting Started Pack zip file.

To have an overview on future work please refer to the Integration Framework Charter.

2. Overview of Integration Framework Suite Release 11.5

The Integration Framework is the ongoing TM Forum initiative to deliver an integration model or framework for use by service providers and others within the Information, Communications and Entertainment industries.

2.1. Key driving forces in this release

This release of the Integration Framework Suite builds on previous releases, with updates in the following main areas:

Refer to Appendix A, for the list of components which make up the Integration Framework Suite and a detailed description of each document.

2.2. Summary of Change Requests in this release

Element (sub-suite or individual document of a suite as appropriate)	CR Number (if applicable)
Network and IT infrastructure Interfaces - RAM R1.0	artf2617
Network and IT infrastructure Interfaces - MPAC R1.0	artf2618
Network and IT infrastructure Interfaces – MTOSI – OSSJ- 3GPP Inventory Interfaces Comparison	artf2649
Network and IT infrastructure Interfaces - MTOSI Release 2.1	artf2657
Network and IT infrastructure Interfaces - Operator User Management Release 2.0	artf2599
Business to Business interfaces – TIP Cloud & IT Business Services Study (FDD)	artf2534
TM Forum Integration Program Inventory Harmonization Study (FDD)	artf2619
Catalog Management Feature Description (FDD)	artf2536

3. Release Definition

3.1. Document Release Description

The following table outlines the contents of the Integration Framework Suite.

Document Number	Document Name	Version	Document Status	Date	New/ Updated in this release
RN316	Integration Framework Suite Release Notes	0.11	Reference Material	May 2012	√
GB942CP	Integration Framework Concepts and Principles ("Main" Document)	3.0	TM Forum Approved	May 2011	
GB942U	Integration Framework User Guidelines	3.0	TM Forum Approved	May 2011	
GB942MAP	Solution Frameworks Mapping Process, Information , Application and Integration Frameworks	1.0	TM Forum Approved	May 2011	
N/A	Interface Development Tooling (IDT)	1.1	N/A	May 2011	
N/A	Network and IT infrastructure Interfaces - RAM R1.0		TM Forum Approved	May 2012	√
N/A	Network and IT infrastructure Interfaces - MPAC R1.0		TM Forum Approved	May 2012	√
N/A	Network and IT infrastructure Interfaces – MTOSI - OSSJ - 3GPP Inventory Interfaces Comparison	1.2	TM Forum Approved	February 2012	√
N/A	Network and IT infrastructure Interfaces - MTOSI Release 2.1		TM Forum Approved	May 2012	√
N/A	Network and IT infrastructure Interfaces - Operator User Management Release 2.0		TM Forum Approved	May 2012	√
N/A	Business to Business interfaces – TIP Cloud & IT Business Services Study (FDD)		TM Forum Approved	February 2012	√
N/A	TM Forum Integration Program Inventory Harmonization Study (FDD)	1.2	TM Forum Approved	February 2012	√
N/A	Catalog Management Feature Description (FDD)	1.4	TM Forum Approved	February 2012	√



3.1. Model Release Description (if applicable)

N/A.

4. Linkages to other Projects/Products

There are linkages within the TM Forum programs as well with other programs.

4.1. Frameworkx

The Integration Framework is one of the key components of Frameworkx. TM Forum Frameworkx (the successor of Solution Frameworks, well-known NGOSS) enables users to analyze their business operations against industry processes, applications and information standards. Frameworkx also provide a framework to support the procurement, development and implementation of a comprehensive operations environment. The frameworks may be used as an integrated system end-to-end or as components to solve particular problems. They can be applied throughout organizations by operations staff, software developers and system integrators.

As a significant step forward for its Frameworkx, TM Forum has launched the Initiative to identify common elements and synergies among its core frameworks: Business Process Framework (eTOM), Information Framework (SID), Application Framework (TAM) and Integration Framework.

To see how this framework fits in to the complete Frameworkx release, kindly refer to the Frameworkx Release Notes.

For more information please go to the Frameworkx web page.

4.2. Others

None.



5. Open Issues

None.

6. Appendix A: Content Description of the Integration Framework Suite

The Integration Framework Suite has grown to include a number of components. The overall Integration Framework Suite of documents now includes:

- A main document: Integration Framework Concept and Principles (GB942-CP) that provides an overview of the Integration Framework, and the unification of the interface, information model activities with the Solution Frameworks Business Services(also known as Contracts)
- Addenda to the Integration Framework Concept and Principles (GB942):
 - Integration Framework User Guidelines (GB942-U) – This document describes usage guidelines on Business Service granularity and implementation as well as describing the Tooling.
 - Solution Frameworks Mapping Process, Information, Application and Integrations Frameworks (GB942-MAP) – This document details the mapping between the Solution Frameworks to produce Business Services.
 - The Interface Development Tooling is an open source interface infrastructure that includes the definition of interface patterns and associated tooling.
 - Network and IT infrastructure Interfaces – This contains all interfaces that support the network and IT devices and will consist of the following interface types
 - MTOSI
 - OSS/J
 - Next Generation MTOSI
 - Business to Business interfaces – This contains all interfaces that support enterprise architecture to enterprise architecture interfaces
 - Enterprise Architecture Interfaces – This contains all interfaces that support interface within the enterprise architecture
 - Smart Device Management interfaces – This contains all interfaces that support smart device management
 - Common Capability

7. Administrative Appendix

This Appendix provides additional background material about the TM Forum and this document. In general, sections may be included or omitted as desired, however a Document History must always be included.

7.1. Document History

7.1.1. Version History

Version Number	Date Modified	Modified by:	Description of changes
0.1	October 2009	Pascale Pecha	Initial version
0.2	November 2009	Pascale Pecha	editing
0.3	February 2010	Pascale Pecha	Change from Solution Frameworks to Frameworks per marketing
0.4	March 2010	Pascale Pecha	Updates for documents version
0.5	8 March 2010	Pascale Pecha	Minor edits
0.6	10 March 2010	Tina O'Sullivan	Updated to reflect Release 2.1 and appropriate version numbers of documents. Included correct notice statement.
0.7	08 June 2010	Alicja Kawecki	Updated to reflect TM Forum Approved status
0.8	18 May 2011	Alicja Kawecki	Updated to reflect Release 2.5, Notice Statement updated, prior to web posting and ME
0.9	26 th October 2011	Clive Deakin	Updates to reflect Release 11.5
0.10	3 rd November 2011	Alicja Kawecki	Updated sections 2.2 and 3.1, minor cosmetic corrections prior to web posting and ME
0.11	11 th May 2012	Alicja Kawecki	Updated to reflect TM Forum Approved status



7.1.2. Release History

This section records the changes between this and the previous Official document release

Release Number	Date Modified	Modified by:	Description of changes
2.0	October 2009	Pascale Pecha	Initial version
2.1	March 2010	Pascale Pecha	Release for Frameworkx launch
2.5	May 2011		Release for Frameworkx 11.0
11.5	October 2011		Release for Frameworkx 11.5