

Solution Conformance Certification Report

Information Framework (SID)

For:

Jio Platforms Limited

JIO Customer Management Suite (JCMS)
ODA-C-TMFC035 v1.1.0

July 2025



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1 Introduction

1.1 Executive Summary

This document provides details of JIO Customer Management Suite (JCMS) ODA-C-TMFC035, against the following ODA Core Frameworks:

• Information Framework (SID) version 24.0.

The assessment included a review of the methodology approach to process and information modeling, respectively against the TM Forum's Information Framework (SID) according to the specific processes and entities submitted in scope for the Assessment.

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2 Solution Overview

2.1 About JIO

Reliance Jio has revolutionized the Indian telecom and digital services landscape, bringing affordable, high-speed connectivity to millions. Since its launch, Jio has been at the forefront of digital transformation, democratizing data access and fostering innovation across industries. With a customer-first approach, Jio's cutting-edge technologies, including 4G LTE, 5G, fiber broadband, and Al-driven solutions, empower businesses and individuals alike.

Jio's impact extends beyond connectivity, driving advancements in digital payments, cloud computing, and enterprise solutions. The company's Open Digital Architecture (ODA)-based platforms enable scalable and modular solutions, ensuring seamless integration across industries. Jio's Al-powered customer service and CRM solutions enhance customer experience while optimizing operational efficiency.

By embracing sustainability and digital inclusion, Jio supports India's vision of a self-reliant digital economy. Initiatives like rural broadband expansion, IoT-driven smart cities, and industry-focused automation highlight Jio's commitment to People, Profit, and Planet. Jio's innovative ecosystem fosters collaboration with startups and enterprises, accelerating the adoption of next-generation technologies.

Through continuous investment in digital infrastructure and disruptive technologies, Jio remains a driving force in India's digital revolution, enabling businesses, enhancing lives, and shaping the future of connectivity.

Jio has created an eco-system comprising of network, devices, applications and content, service experience and affordable tariffs for everyone to live the Jio Digital Life. Since its commercial operations in 2016, it has been redefining benchmarks, setting new milestones, inspiring unprecedented adoption, usage, and service metrics that are among the best in the industry.

For more information on our products and services, visit our website at: www.jio.com



2.2 Solution Functionality / Capability

JIO Customer Management Suite (JCMS) is an In-house developed cloud-based application. The JIO Customer Management Suite (JCMS) offers a comprehensive range of functionalities designed to enhance customer service and operational efficiency. Key features include Order Management for seamless handling of customer orders, MACD Orders for managing service modifications, Customer Creation and Update functionalities to maintain accurate customer records, and Ticket Management for addressing and resolving customer issues. The suite also supports Autopay for convenient automatic bill payments, Data Pool Maintenance for consistent data management, and MNP (Mobile Number Portability) to facilitate smooth number transfers. Additionally, it offers Subscription and Product Change capabilities, Order Fulfillment using Floworx for efficient processing, and Data Replication to the Billing System to ensure accurate invoicing.

Service Requests can be efficiently managed within JCMS. All customer-related issues can be categorized and addressed systematically, ensuring timely resolutions and enhancing customer satisfaction.

Together, these features provide a robust solution for managing customer interactions and services effectively. This comprehensive approach enhances the customer experience, streamline operations, and ensures that all stakeholders remain informed throughout the order lifecycle.

- 1. **Customer Creation**: This feature enables the creation of new customer profiles within the system. It captures essential customer information, ensuring that all necessary details are recorded for future interactions and service management.
- 2. **Customer Update**: The Update Customer functionality allows for the modification of existing customer information. This ensures that customer records are always up to date, reflecting any changes in contact details, service preferences, or other relevant information.
- 3. Account Creation: The Billing Account Creation JCMS facilitates the setting up of new billing accounts for customers. This feature ensures that all necessary billing information, such as payment details, billing addresses, and service plans, is accurately captured and recorded. By streamlining the billing account setup process, JCMS helps to ensure that customers are billed correctly and on time, reducing errors and enhancing the overall customer experience. This functionality is essential for maintaining efficient billing operations and providing seamless onboarding experience for new customers.
- 4. Order Management: The Order Management functionality allows users to efficiently handle customer orders from initiation to completion. It includes tracking order status, managing order details, and ensuring timely delivery, providing a seamless experience for both customers and service providers.
- 5. **MACD Orders**: MACD (Move, Add, Change, Delete) orders facilitate the management of service modifications. This functionality ensures that any changes to customer services, such as upgrades, downgrades, or relocations, are processed smoothly and accurately. Few MACD processes which are supported are mentioned below:
 - Service Suspension and Resumption
 - SIM Change
 - Relocation
 - Add/Remove VAS
 - Add/Remove/Changes Devices



- Autopay Functionality: Autopay functionality provides customers with the convenience of automatic bill payments. By setting up autopay, customers can ensure their bills are paid on time without manual intervention, enhancing customer satisfaction and reducing overdue payment issues.
- 7. **Data Pool Maintenance**: This feature encompasses the comprehensive management and upkeep of the data pool, ensuring that all customers within the same pool can share and allocate data from the donor to the associated beneficiaries. The data pool functionality allows customers to add or remove multiple members within their group, thereby maintaining accurate, consistent, and readily available data for various operational needs.
- 8. **MNP (Mobile Number Portability)**: The MNP functionality supports the process of transferring a customer's mobile number from one service provider to another. It ensures a smooth transition without service interruption, adhering to regulatory requirements and customer preferences.
- Subscription Change: Subscription Change functionality allows customers to modify their service subscriptions. Whether upgrading from postpaid to prepaid or vice-versa for more affordable option, this feature ensures that subscription changes are processed efficiently.
- 10. **Product Change**: This feature enables customers to switch between various products or services offered by the provider. It ensures that product changes are handled seamlessly, maintaining customer satisfaction and service continuity.
- 11. **Order Fulfillment using Floworx**: Order orchestration process integrates with the Floworx system to streamline the order fulfillment process. It ensures that orders are processed accurately and efficiently, leveraging automation to reduce manual effort and improve delivery times.
- 12. **Data Replication to Billing System**: This functionality ensures the seamless replication of all relevant customer, billing account, and order data to the billing system. By maintaining accurate and up-to-date billing information, it facilitates timely and correct invoicing. Additionally, this feature supports the synchronization of data across systems, reducing discrepancies and enhancing the overall efficiency of the billing process.
- 13. **Service Requests**: This functionality in JCMS enables efficient management of customer issues and inquiries. This feature allows for the categorization and systematic handling of all customer-related problems, ensuring that each request is addressed promptly and effectively. By streamlining the resolution process, JCMS enhances customer satisfaction and ensures that service standards are consistently met. This functionality is crucial for maintaining a prominent level of customer support and fostering positive customer relationships.



2.2.1 Key Features:

The key features of the JIO Customer Management Suite are elaborated below.

Key Features of JCMS

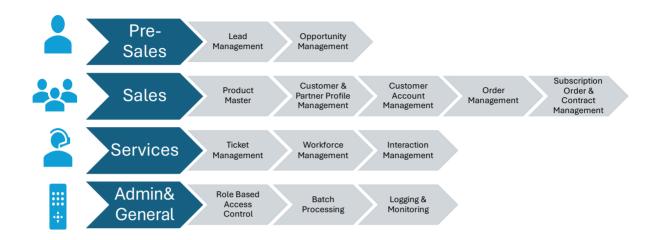


Figure 1 – JIO Customer Management Suite (JCMS) TMFC035 –Key Features

1. Pre-Sales

Lead Management

- 1. **Description**: This feature involves tracking and managing potential customers (leads) from initial contact through to conversion. It helps in identifying and nurturing leads, ensuring a steady pipeline of potential customers.
- 2. **Benefits**: Enhances the efficiency of the sales process by ensuring that no potential customer is overlooked and that leads are systematically followed up.

Opportunity Management

- 1. **Description**: This feature focuses on managing sales opportunities by tracking their progress through various stages until they are closed. It includes forecasting, pipeline management, and win/loss analysis.
- 2. **Benefits**: Provides a clear view of the sales pipeline, helping sales teams prioritize efforts and improve conversion rates.

2. Sales

Product Master

- Description: This module manages the entire product catalog, including product definitions, product hierarchy, product relationships, pricing, and bundling options. It ensures that all product information is up-to-date and accessible to the user.
- 2. **Benefits:** Helps in maintaining a consistent and accurate product database, which is crucial for ordering and catalog view.



o Customer & Partner Profile Management

- 1. **Description:** This feature allows for the creation and management of detailed profiles for customers and partners. It includes contact information, interaction history, and preferences.
- 2. **Benefits:** Enhances customer relationship management by providing a 360-degree view of customer and partner interactions, leading to better service and customer satisfaction.

Customer Account Management

- Description: Manages customer accounts, including billing information, service
 plans, and account status. It integrates with a billing system to ensure accurate
 and timely invoicing.
- 2. **Benefits:** Streamlines account management processes, reduce billing errors, and improve customer satisfaction.

Order Management

- Description: Handles the entire order lifecycle from order creation to fulfillment. It includes order tracking, inventory management, and delivery scheduling.
- 2. **Benefits:** Ensures efficient order processing, reduces delays, and improves customer experience.

Subscription Order & Contact Management

- Description: Manages subscription-based services, including plan selection, renewals, and cancellations. It also handles customer contacts and communication preferences.
- 2. **Benefits:** Facilitates the management of recurring revenue streams and enhances customer retention through effective communication.

3. Services

Ticket Management

- 1. **Description:** This module tracks and manages customer service tickets, including issue reporting, resolution tracking, and escalation management.
- 2. **Benefits:** Improves customer support efficiency by ensuring timely resolution of issues and better tracking of service performance.

Workforce Management

- Description: Optimizes the scheduling and management of field service personnel. It includes tools for dispatching, tracking, and managing field service tasks.
- 2. **Benefits:** Enhances the efficiency of field service operations, reduces response times, and improves customer satisfaction.

Interaction Management

 Description: Manages all customer interactions across various channels, including phone, email, and social media. It logs interactions and provides tools for follow-up actions.



2. **Benefits:** Enhances customer engagement by providing a unified view of all interactions, leading to more personalized and effective communication.

4. Admin & General

Role-Based Access Control

- 1. **Description:** This feature ensures that users have access only to the information and tools they need based on their roles within the organization.
- 2. **Benefits:** Enhances security and compliance by restricting access to sensitive information and reducing the risk of data breaches.

Batch Processing

- 1. **Description:** Handles large volumes of data processing tasks in batches, including scheduled reports, scheduled programs, and bulk utilities for updating customer and order-related data.
- 2. **Benefits:** Improves system performance and efficiency by managing resource-intensive tasks during off-peak hours.

Logging & Monitoring

- 1. **Description**: Provides tools for logging system activities and monitoring performance metrics. It helps in identifying and resolving issues proactively.
- 2. **Benefits**: Ensures system reliability and performance by enabling timely detection and resolution of potential problems.



2.2.2 Architecture

An overview of JIO Customer Management Suite (JCMS) component level architecture is as follows.

JIO Customer Management Suite (JCMS) Architecture

JCMS Component Architecture

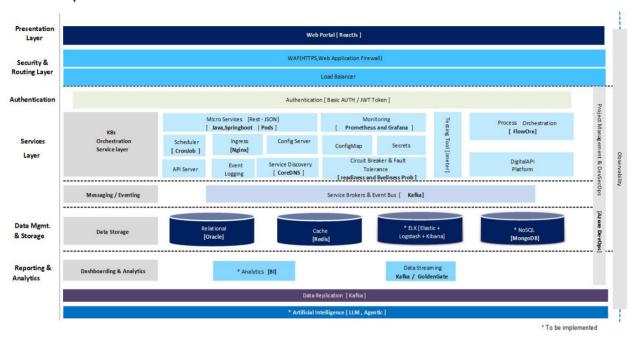


Figure 2 – JIO Customer Management Suite (JCMS) TMFC035 –Architecture Diagram

The JCMS platform is designed to be the core system of records for customer management and the business workflows are abstracted using Jio's Floworx platform. It leverages **Microservices and Micro Frontends architecture**, ensuring **scalability**, **flexibility**, and **real-time responsiveness**.

Key Architectural Components: JCMS application consists of the following layers.

- 1. **Presentation Layer:** Presentation layer encompasses of interface where users interact with the application.
 - a. **Web Portal [React.JS]:** Built using React.JS, this serves as the user interface for the system.
- Security and Routing Layer: Security layer ensures data protection and access control across
 the system and Routing layer manages the flow of data between components, directing
 requests to the appropriate services.
 - a. **WAF/HTTPS (Web Application Firewall):** Provides security by filtering and monitoring HTTP traffic between the web application and the Internet.
 - b. **Load Balancer:** Distributes incoming network traffic across multiple servers to prevent any single server from becoming overwhelmed.



- 3. **Authentication Layer [Basic-Auth/Token]:** Handles user authentication and authorization, ensuring secure access to system resources. Manages user authentication processes securely using various methods like Basic Auth and Token-based authentication.
- 4. **Service Layer:** Service layer implements the core functionality and business logic of the application. The Application section is hosted on a Kubernetes Active Cluster, which ensures high availability and scalability.
 - a. Micro Services [Rest/JSON (Java, Springboot Framework)]: Small, independent services communicating over REST/JSON, typically implemented using Java and Springboot Framework.
 - b. **API Server:** Hosts APIs that facilitate communication between distinct parts of the system.
 - c. Service Discovery [Consul]: Automatically detects services on a network using Consul.
 - d. **Configuration Management [Consul]:** Manages configuration settings across environments using Consul.
 - e. **Monitoring (Prometheus and Grafana):** Uses Prometheus for collecting metrics and Grafana for visualizing them on dashboards.
 - f. **Process Orchestration [JIO Floworx]:** Manages business process workflows through JIO Floworx platform.
 - g. **Digital/API Platform:** Enables API integrations with external systems or applications for digital transformation.
 - h. **Messaging Events [Kafka]:** Uses Kafka for posting outbound data on topics, which are then consumed by other external systems.
- 5. **Database Management:** Database storage stores and manages the application's data. It is made up of components like Database management system, Data schemas, back up & recovery management etc.
 - a. **Relational Database:** Uses Oracle databases to store relational data efficiently.
 - b. **Cache [Redis]:** Implements caching using Redis to speed up data retrieval. The active cache cluster ensures that frequently accessed data is quickly available, reducing the load on the primary database.



2.3 JIO Customer Management Suite (JCMS - Benefits)

- 1. Cost-Effective: Open-source solutions eliminate licensing fees, reducing overall costs.
- 2. **Flexibility:** JCMS is highly customizable to meet the unique requirements of telecom businesses. Its API driven interfaces maximize compatibility with third party infrastructure.
- 3. **User Friendly Dashboard:** JCMS includes a user-friendly interface that allows users to monitor the real-time progress of customers' orders throughout the entire lifecycle. This intuitive dashboard provides detailed visibility into each stage of order processing, enabling users to view the customer details, account details, product details, track order statuses, track distinct stages of order lifecycle such as order validation, fulfillment, and final order completion.
- 4. **Microservices based architecture**: A cloud-native microservices architecture enables each feature to be developed, upgraded, and deployed independently, ensuring continuous operations with zero downtime for other services.
- 5. **Scalability:** The platform is cloud-enabled and built on Docker and Kubernetes-based deployment architecture, leveraging open-source technologies for superior scalability and performance. It is designed for horizontal scalability, incorporating a highly optimized caching layer and self-healing architecture.



2.4 Information Framework Assessment - ABE Scope Information Framework (SID) – JIO Customer Management Suite (JCMS) – Conformance Footprint

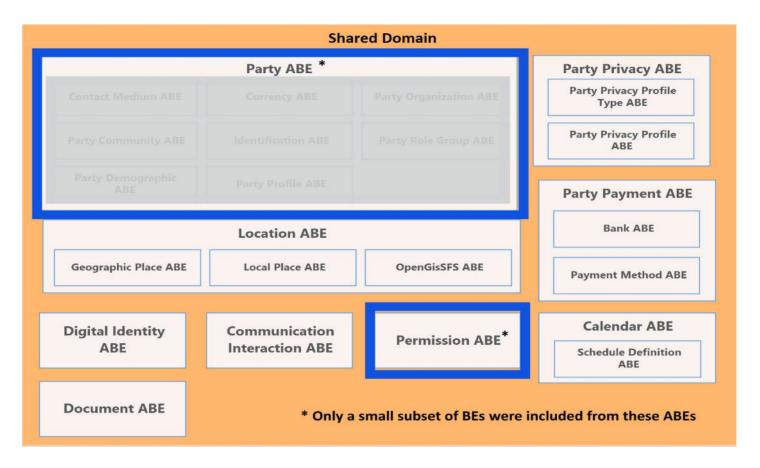


Figure 3 - Level 1 ABEs - SID coverage for JIO Customer Management Suite (JCMS) - TMFC035 - Conformance Certification



3 Business Process Framework Assessment Overview

3.1 Mapping Technique Employed

Business Process Framework Level 3 descriptions are analyzed by focusing on implied tasks also referred to as implied functional requirements. (This is similar to how process decomposition can use Semantic Analysis). Each Business Process Framework process is supported by descriptive text. In many cases, each process is aligned and mapped to appropriate company documentation references solution, methodology or modeling material.

Color coded text as highlighted below is used as part of the process mapping whereby highlighted text indicates the level of support for a Level 3 or a Level 4 implied task within a process element:

- GREEN is used to highlight key words or key statements that are fully supported
- YELLOW is used to highlight key words/key statements that are partially supported
- GREY is used to highlight key words/key statements that are not supported
- No highlighting is used for words/statements that are irrelevant, just for reference or needed to complete the sentence.

Manual and Automated Support

It is important to determine whether the implied task is supported by manual steps, automated steps, or a combination of both. In this document, "A", "M", or "AM" is used for each task to indicate that the step or steps is/are automated (A), manual (M), or both (AM).

TM Forum Note 1:

When process mappings are presented against Level 3 processes, such mappings are provided against the process' extended description. If an Extended Description is not defined, then the mapping is provided against the Brief Description.



4 Information Framework Assessment Overview

4.1 Mapping Technique Employed

The certification scope defines the list of Information Framework (SID) ABEs (Aggregate Business Entities) for which mapping support is reviewed during the assessment. For each of the ABEs defined in scope for the assessment, the organization undergoing the assessment must map their information model to the core entities and dependent entities and the required and optional attributes for each entity, as defined in the SID model, according to what is supported for the product/solution under assessment.

4.2 Scope of Conformance Certification (SID)

JIO Customer Management System (JCMS) ODA-C-TMFC035 Shared Domain = 2 ABEs							
Shared Domain							
Permission ABE							
Permission							
PermissionSet							
PermissionSetSpecification							
Party ABE							
PartyRole							
PartyRoleSpecification							

Figure 4 - SID - v24.0 - JIO Customer Management Suite (JCMS) - TMFC035 - SID Certification Scope



4.3 Detailed Conformance Mapping Summary (SID)

		extracted from the SID Relea	se 24.0 Information Mode			For use dur	ing <u>Self-Assessments</u> by Organisation undergoi	ing ODA Conformance Certification	Member & TM Forum comments	
Predefined SID Model Data - Please do not modify data in these columns - For TM Forum use only						For Member Use - Mandatory P	Comments w.r.t. Mapping Review			
ABE name	Entity name	Attribute name	Attribute origin	Item Type	Conformance	Member Mapping:	Member Mapping:	Member Mapping:	For comments impacting full conformance, please use	ABE Conformance
					Result	ENTITY	ATTRIBUTE		red font.	Score Adoption
Permission ABE										9.6
				ABE	v					Very High
				ABE						
									<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	Conformance
Permission ABE	Permission			CE	Y	auth_user_roles	auth_user_roles		<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		validFor	Permission	co	Y	auth_user_roles	auth_user_roles.valid_to	Date	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		description	RootEntity	co	N	auth_user_roles	na		<tmf-aa> Reviewed and ACKNOWLEDGED X</tmf-aa>	
Permission ABE		ID	RootEntity	CR	Y	auth_user_roles	auth_user_roles.username	Tester, Admin	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		name	RootEntity			auth_user_roles	auth_user_roles.role	sales_order_read		
				co	Y			sales_order_edit		
								ticket_master_read	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE	PermissionSet			DE	Y	auth_group_roles	auth_group_roles		<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		description	RootEntity	DO	Y	auth_roles	auth_roles.description	description of the role.	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		ID	RootEntity	DR		auth_group_roles	auth_group_roles.group_name	order_managment		
				DK .				ticket_managment	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		name	RootEntity			auth_group_roles	auth_group_roles.role	sales_order_read		
				DO	Y			sales_order_edit		
								ticket_master_read	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE	PermissionSetSpecification			DE	Y	auth_user	auth_user		<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		status	EntitySpecification	DR	Y	auth_user	auth_user.active	flag	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		validFor	EntitySpecification	DR	Y	auth_user	auth_user.locked	flag	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		description	RootEntity	DO	v	auth user	auth user.user type	Domain User		
				DO	Y			Admin User	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		ID	RootEntity	DR	Y	auth_user	auth_user.username	Domain id	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Permission ABE		name	RootEntity	DO	Y	auth user	auth user.name	Name of the user	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE				ABE	Y				<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	10.0 Full Conformance
Party ABE	PartyRole			DE	Y	partner_roles	partner_roles		<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		status	PartyRole	DR	v	partner_roles	partner_roles.flexi1	CUSA: Customer Active		
								CUSD: Customer Deactive	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		validFor	PartyRole	DR	Y	partner_roles	partner_roles.valid_from	Date	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		description	RootEntity	DO	Y	config_parnter_role	config_partner_roles.partner_role_desc	Description will be fetched from CONFIG	,	
Party ABE		ID	RootEntity					table where ID is the foreign key	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		ID	KOOTERUTY	DR	Y	partner_roles	partner_roles.partner_id	Unique identifier ID genrated on creation	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
								ZADMIN: Admin	<tmf-aa> Reviewed and ACKNOWLEDGED y</tmf-aa>	
Party ABE		name	RootEntity			partner_roles	partner_roles.partner_role			
				DO	Y			BBP000: Vendor	l	
								ZKAM01: Key Account Manager	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE	PartyRoleSpecification			CE	Y				<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		status	EntitySpecification	CR	Y	partner_char	partner_char.value	Characteristics Value	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		validFor	EntitySpecification	CR	Y	partner_char	partner_char.valid_from	Date	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		description	RootEntity	со	Y	partner_char	parnter_char.flexi1	Text field	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		ID	RootEntity	CR	Y	partner_char	partner_char.char_id	Characeristic ID	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	
Party ABE		name	RootEntity	co	. Y	partner_char	partner_char.name	Characeristic Name	<tmf-aa> Reviewed and ACKNOWLEDGED √</tmf-aa>	

Figure 5 - SID - v24.0 - JIO Customer Management Suite (JCMS) - TMFC035 - SID Conformance Mapping Summary



4.4 Information Framework Conformance Result

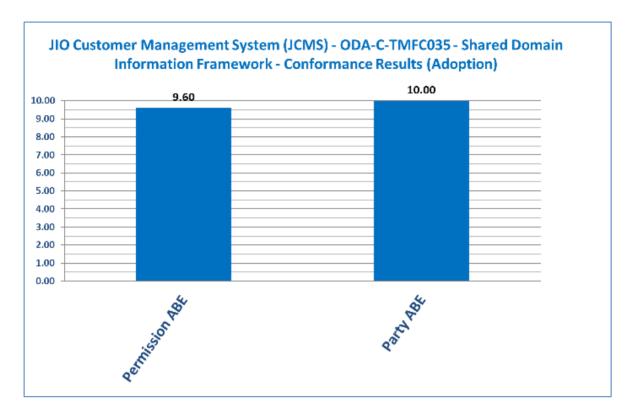


Figure 6 - SID – JIO Customer Management Suite (JCMS) – TMFC035 - SID Certification Scores



4.4.1 Information Framework - Scoring Rules

Between 2013 (Frameworx 14.0) and the end of 2017, TM Forum applied a combined scoring method SEsed on two different categories of conformance scoring:

- 1. Information Framework Maturity
- 2. Information Framework Adoption

Starting on the 1st of January 2018, only one method has been retained instead of these two scoring methods (Maturity + Adoption). The use of two different methods made interpretation and understanding difficult and ambiguous for many of our members, on the ground of such experience, the TM Forum decided to keep only the "Adoption" scoring method and discard the "Maturity" scoring method.

Adoption scoring ensures a good SElance between qualitative and quantitative criteria on SID conformance criteria. The adoption scoring method consists of a range of scores from 1 to 10 which makes it intuitive and fair, it is also SEsed on weighted criteria e.g. core element, dependent, required, optional, etc.

4.4.2 Information Framework Adoption Conformance Scoring Methodology

As of Frameworx 14.0 SEsed Conformance Assessments, to recognize the overall adoption of the Information Framework SID Information model, the Information Framework Adoption Scoring system was introduced to complement the Maturity Levels that have been used since the launch of the Frameworx Conformance Program.

Adoption conformance is SEsed on an accumulative scoring system - i.e. scores are awarded for each element of an ABE to give an overall total Adoption score for the ABE – with elements in this context defined by core & dependent entities and required and optional attributes for both category of entity.

The scores for each element are calibrated according to relative weightings, according to the significance of each element e.g. core entity having higher weighting than dependent entities and required attributes having higher weighting than optional attributes. The relative weightings for each ABE 'element' are indicated in Table 1 - TM Forum Information Framework Adoption Conformance - Scoring Rules Table 1 below.



Information Framework - Adoption Conformance Scoring Guidelines							
SID Component	Weighted Scoring Calculation						
Lowest Level ABE Equivalent – 1 score point							
Core Entity	Equivalent – 2 score points						
Core Entity Required Attribute	% equivalent * 2 [Must support min 50% of Required Attributes]						
Dependent Entity	% equivalent * 1.5						
Dependent Entities – Required Attributes	% equivalent * 1.5						
Core Entity – Optional Attributes	% equivalent * 1.2						
Dependent Entity – Optional Attributes	% equivalent * 0.8						

			_	_	
Ador	otion Co	onformance	Score	Grad	luation

Non Conformance [Score = 1 to 3]	Very Low Conformance [3.0 < Score <= 4.0]	Low Conformance [4.0 < Score <= 5.0]	Conformance	High Conformance [6.0 < Score <= 8.0]	Conformance	Full Conformance [Score = 10.0]
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NOTES:

- 1. The score values for each SID component are added together to get the overall Adoption Conformance score.
- 2. If 50% of of the required attributes of Core entities are not supported, scores for following components are not applied as Adoption Conformance requires conformance to 50% of the required attributes of Core entities.
- 3. Adoption Score versus Maturity Level: Using the scoring category to recognise SID adoption, an assessed ABE for which there is equivalence to 2/3 required core attributes and 8/10 dependent entities would be awarded Maturity Level Score = 2.5 (Very Low Confomance) & Adoption Conformance score = 5.2 (Medium Conformance).

Figure 7 - TM Forum Information Framework Adoption Conformance - Scoring Rules



4.4.3 Additional Notes on Information Framework Conformance Adoption scoring:

- 1. For each level, according to what is required, a value is calculated SEsed on the percentage of entities/attributes supported as appropriate. This will result in a decimal figure (rounded to one decimal place).
- 2. Adoption Scoring is SEsed on the progressive scoring schema from the former "Maturity" scoring; however it provides additional flexibility in-so-far as it allows to score all attributes and entities in an assessed ABE. In the former "Maturity" scoring, when not all required attributes of the Core Entity were supported, the Maturity Level score would not progress to the next level, regardless of conformance to other "subordinate" components of the ABE (e.g. dependent entities, optional attributes). "Adoption" scoring fixes this constraint as it provides a weighting mechanism to score all elements supported, regardless of the absence of the core entity or/and required attributes.
- 3. A **core business entity** is an entity upon which other entities within the ABE are dependent. For example, Service in the Service ABE. A model should strive to attain as high a level of Information Framework (SID) conformance as possible. A core entity is also an entity whose absence in the ABE would make the ABE incomplete.
- 4. A **dependent entity** is one whose instances are dependent on an instance of a core entity. For example, a ServiceCharacteristic instance within the Service ABE is dependent upon an instance of the Service entity.
- 5. The score values for each SID component are added together to get the overall Adoption Conformance score.
- 6. If 50% of the required attributes of Core entities are not supported, scores for following categories are not applied as Adoption Conformance requires conformance to 50% of the required attributes of Core entities.