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Frameworx 14.0
Product Conformance
Certification Report

Ericsson Adaptive Inventory
(Previously Ericsson's Granite Inventory)
Version 9.2

Certification Date: April 2015

Document Date: May 2015

Version 1.0.1

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Version History

Version 1.0.1:   May 2015
TM Forum: Updates made in title page & section '1.1 Executive Summary' to reflect product name change as of June 1st 2015 from Ericsson's Granite Inventory to **Ericsson Adaptive Inventory**.
All references in document otherwise reference "Ericsson's Granite Inventory", per the product name during the Conformance Assessment and at time of Frameworx Certification.

Version 1.0:   April 2015
TM Forum: Approved Certification Report for Ericsson's Granite Inventory.

1 Introduction

1.1 Executive Summary

This document provides details of Ericsson's self-assessment and TM Forum's Conformance Assessment of the Ericsson Granite Inventory product, against the following Frameworx 14.0 component:

- Information Framework Version 14.0

The assessment included a review of:

- Conformance to the Information Framework Release 14.0 Domains/Aggregate Business Entities according to the specific ABEs submitted in scope for the Assessment.

NOTE: As of 1st June 2015, Ericsson's Granite Inventory is renamed Ericsson Adaptive Inventory. All references in document otherwise reference "Ericsson's Granite Inventory", per the product name during the Conformance Assessment and at time of Frameworx Certification.

2 Product Functionality/Capability Overview

2.1 Ericsson's Granite Inventory – Product Overview

Granite Inventory is a key component for service agility in the Ericsson OSS/BSS portfolio. It is used by operators around the world to plan, assign, rearrange and document resource inventory, and is designed to handle every type of communication service, network, architecture, and technology, today and into the future. A comprehensive resource management and provisioning automation solution, Granite Inventory serves as the window into resource inventory across all operational layers and technologies, streamlining every surrounding business process that depends on an accurate view of how customer services use network resources. Its flexibility and functionality supports an entire operational environment, providing comprehensive and timely information whatever the source, to drive planning, provisioning and assurance.

The system improves the value of operational data by enabling multi-dimensional data visualization for better decision making. Unsurpassed data integrity and proven best practices enable fast, highly accurate provisioning automation. With Granite Inventory, operators have one enterprise-wide view that ties services to the resources they consume – physical, logical, IT and operator-specific. Users can dynamically construct a multi-sourced, end-to-end network topology using a multitude of available data sources, even when surrounding systems are changing. Customer connections and the underlying resources can be viewed graphically at various levels of detail in terms of circuit layouts, floor plans, racks and geography.

Granite Inventory has a component-driven automation framework supported by the industry's most comprehensive approach to data integrity – from discovery to reconciliation to data virtualization. Beyond data federation, the architecture enables rapid service design, using data from a broad range of sources for the most complete network view. The automation capabilities support high reuse of business rules for faster and more reliable new service deployment. It can be used for more typical inventory assignment and rearrangement processes as well as complex provisioning for metro-Ethernet, cloud deployments and virtualized networks. Discovery and reconciliation functions are fully productized, yet can be enhanced to support specific business rules tailored to an operator's needs.

For planning-related activities, system users can construct a role-based launch pad that combines relevant data from various inventory sources, analytics tools and network monitoring applications to provide a 360-degree view of all network activities. With the ability to perform "predictive planning," operators can visualize the future-state network from an amalgam of current and proposed network plans. Users can trigger work orders at the right time by seeing the network resources that other systems have

reserved for future use, while predicting when active resources may be released for other purposes.

Granite Inventory features the most flexible and customizable platform in the industry. The application framework supports the creation of new capabilities that extend the product or provide completely new applications. Operators can leverage the built-in configuration management capabilities from the administrator or user perspectives – all running on a common, scalable, proven platform. The provided extension kit is the same one used by Ericsson to extend the core product and add new applications. It is a completely model-driven system, with fully generated, extensible thin-client user interfaces, a high-performing persistence model and multi-technology APIs. For example, operators can extend the object model and fields via user-defined objects and attributes, or fine-tune business logic within reusable service components to suit their service specification needs. The level of extensibility achieved goes well beyond typical runtime approaches that are often difficult to maintain and cumbersome to modify.

Flexible database partitioning supports data segmentation needs, accommodating operation, technology, geographic and customer domains. Subsets of the information can be made available to various organizations throughout the enterprise via a web-based Graphical User Interface that can be customized to meet role-based operational needs. All of these features are further enhanced through productized integration and data migration tools for a smooth transition into an operator's environment.
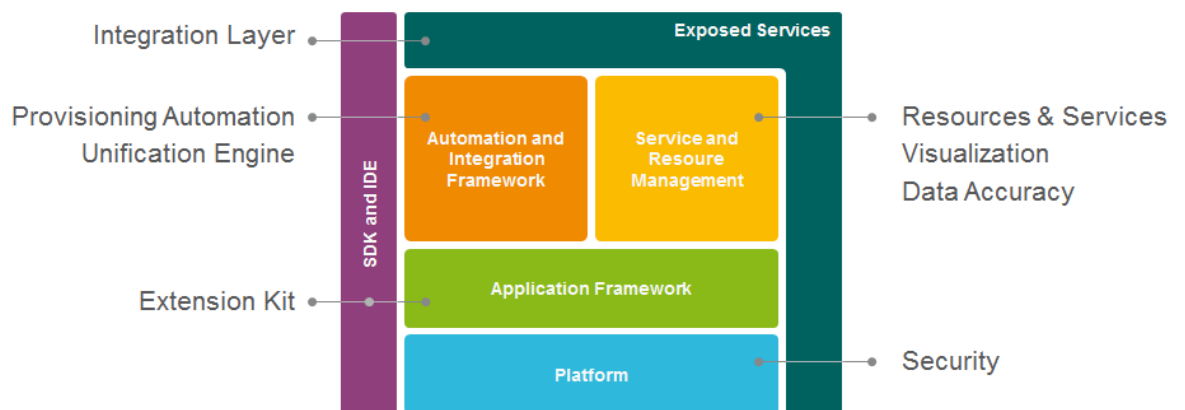
Figure 2-1 Granite Inventory uses data from a broad range of available sources for the most complete view of a network

In summary, Granite Inventory lets operators better manage current and future service needs by providing complete visibility into assets and their relationships to services

and customers – in the past, present or at any point in the future. The flexibility built into every aspect of the system puts operators in control, so they can transform, manage and grow their business.

Learn more about the Ericsson OSS/BSS Agility Portfolio:
http://www.ericsson.com/ourportfolio/products/operations-and-business-support

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3 Business Process Framework Assessment Overview

3.1 Mapping Technique Employed

Business Process Framework not applicable for this assessment/certification.

3.2 Business Process Framework Level 2 Process Scope

Business Process Framework not applicable for this assessment/certification.

3.3 Product Scope

Business Process Framework not applicable for this assessment/certification.

4 Business Process Framework – Process Mapping Descriptions

Business Process Framework not applicable for this assessment/certification.

5   Information Framework Assessment Overview

5.1   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 organisation undergoing the assessment must map their information model to the core entities and dependent entities and the required & optional attributes for each entity, as defined in the SID model, according to what is supported for the product/solution under assessment.

5.2   Information Framework Assessment - ABE Scope

The diagram in Figure 5-1 illustrates the Information Framework Level 1 ABEs (as highlighted in blue) for which lower level ABEs were presented in scope for the Assessment.
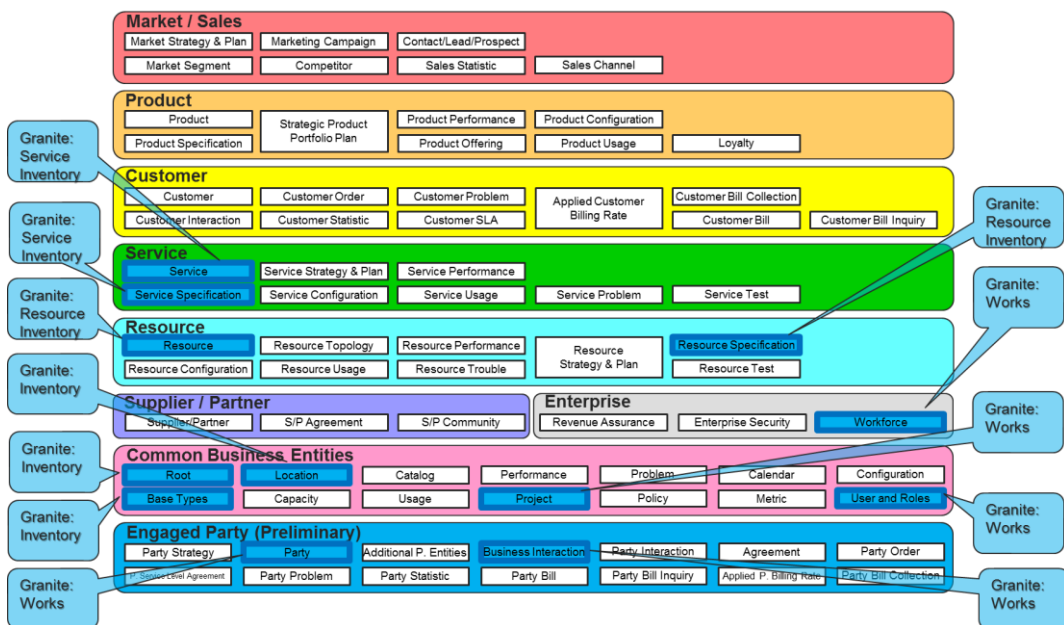
Figure 5-1 Level 1 ABEs in scope for Granite Inventory Assessment

5.3 Product Scope

The diagram in

Figure 5-2 represents the mapping of Ericsson's Granite Inventory to the Information Framework ABEs in scope for the assessment.
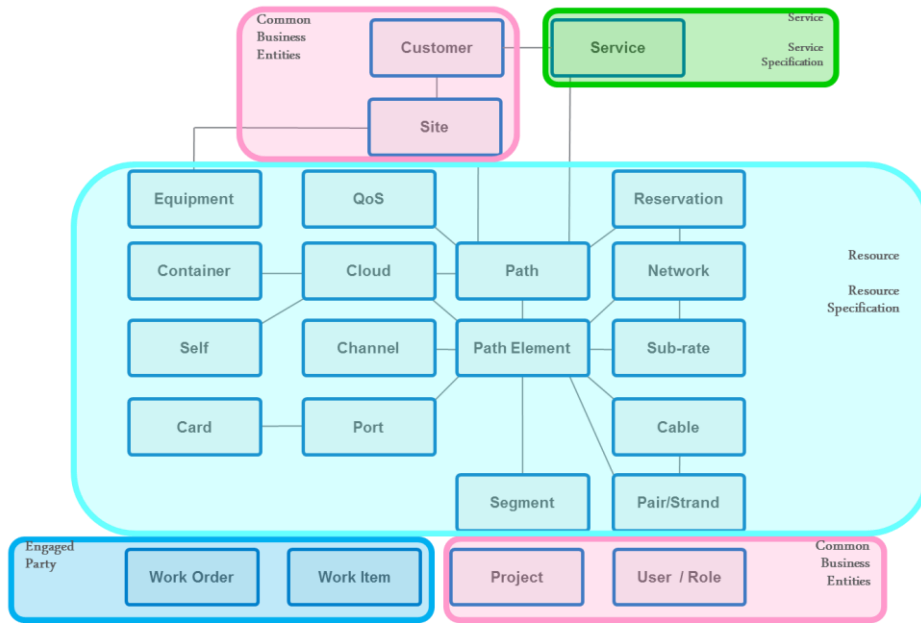
Figure 5-2 Granite Inventory Footprint: Product Scope for SID Assessment

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6 Frameworx Conformance Result

Business Process Framework not applicable for this assessment/certification.

6.1 Business Process Framework – Scoring Rules

Business Process Framework not applicable for this assessment/certification.

6.2 Business Process Framework – Conformance Result Summary

Business Process Framework not applicable for this assessment/certification.

6.3   Business Process Framework – Detailed Conformance Results

Business Process Framework not applicable for this assessment/certification.

6.4 Information Framework – Scoring Rules

As of Frameworx 14.0 Conformance Assessments, TM Forum awards two categories of conformance scoring to the Information Framework assessment as follows:

- **Information Framework Maturity** Conformance Levels
- **Information Framework Adoption** Conformance Scores

This section describes the basis of scoring for each of these categories.

6.4.1 Information Framework Maturity Conformance Scoring Methodology

The Information Framework Maturity Conformance scores are granted based on the detailed scoring guidelines outlined in Table 6-1.

Maturity conformance is based on a progressive scoring system - i.e. a lowest level ABE must conform completely to the conformance criteria at one score level before proceeding to the next level.

For example, to achieve a score of 3 there must be equivalence to all the required attributes of the ABE's core entity.

A decimal scoring system is utilized to show the per cent achievement towards the next level.

With the Information Framework Maturity Conformance scoring, no further contribution to the score is made for equivalence to the ABE's remaining dependent entities and other SID components. For example, no further contribution to the score is made even if there is equivalence to 8 of the ABE's 10 dependent entities.

As of Frameworx 14.0 based Conformance Assessments, to recognize the overall adoption of the Information Framework SID Information model, the Information Framework Adoption Scoring system is applied. See 6.4.2 Information Framework Adoption Conformance Scoring Methodology for details of this Conformance category.

Table 6-1 TM Forum Information Framework Maturity Conformance - Scoring Rules

Information Framework R14.0: <u>Maturity Conformance</u> Scoring Guidelines	
Maturity Conformance Level	**Progressive Scoring Qualifiers**
Non Conformance [Score = 1]	The content of the model is compatible with a subset of the Information Framework (SID) ABEs that define its domain coverage. This provides two interacting components/solutions with a common vocabulary and model structure. The subset represents the scope of the model, expressed in Information Framework (SID) domains and ABEs.
Non Conformance [Score = 2]	The model has passed level 1 conformance and the content of the ABE, part of the domain coverage and defined in the model, contains the ABE's core business entity or entities. A core business entity is an entity upon which other entities within the ABE are dependent. E.g. Service in the Service ABE. A core entity is also an entity whose absence in the ABE would make the ABE incomplete.
Very Low Conformance [2.0 < Score <= 3.0]	The model has passed level 2 conformance and *<u>a percentage of the required attributes of the ABE's core entity or entities</u> are defined in the model.
Low Conformance [3.0 < Score <= 4.0]	The model has passed level 3 conformance and *<u>a percentage of the dependent entities</u> within the ABE are defined in the model. 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.
Medium Conformance [4.0 < Score <= 5.0]	The model has passed level 4 conformance and *<u>a percentage of the required attributes</u> of the ABE's dependent entities are defined in the model.
High Conformance [5.0 < Score <= 6.0]	The model has passed level 5 conformance and *<u>a percentage of all attributes</u> of the ABE's core entities are defined in the model.
Very High Conformance [6.0 < Score < 7.0]	The model has passed level 6 conformance and *<u>a percentage of all attributes</u> of the ABE's dependent entities are defined in the model.
Full Conformance [Score = 7.0]	The model has achieved Level 7 conformance (Full Conformance) and <u>all</u> attributes of the ABE's core & dependent entities are defined in the model.

Additional Notes on Maturity Level scoring:

1. *For each level, according to what is required, a value is calculated based on the percentage of entities/attributes supported - as appropriate. This will result in a decimal figure (rounded to one decimal place).*

2. *Maturity Level versus Adoption Score: Using the progressive scoring schema for Maturity Level, 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 Conformance) & Adoption Conformance score = 5.2 (Medium Conformance). For the Maturity Level, because not all required attributes of the Core Entity are supported, the Maturity Level score does not progress to the next level, regardless of conformance to other components of the ABE.*

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.*

6.4.2 Information Framework Adoption Conformance Scoring Methodology

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

Information Framework Adoption scores are granted based on the detailed scoring guidelines outlined in Table 6-2.

Adoption conformance is based 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 & 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 6-2.

Information Framework R14.0: 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 [See note 2]
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

Adoption Conformance Score Graduation

Non Conformance [Score=1-3]	Very Low Conformance [3.0 < Score <= 4.0]	Low Conformance [4.0 < Score <= 5.0]	Medium Conformance [5.0 < Score <= 6.0]	High Conformance [6.0 < Score <= 8.0]	Very High Conformance [8.0 < Score < 10.0]	Full Conformance [Score = 10.0]

Additional Notes on Adoption scoring:

1. *The score values for each SID component are added together to get the overall Adoption Conformance score.*
2. *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.*
3. *Adoption Score versus Maturity Level: Using the scoring category to recognize 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 Conformance) & Adoption Conformance score = 5.2 (Medium Conformance).*

6.5 Information Framework – Conformance Result Summary

The following sections provide the summary results of the Information Framework Maturity Levels & Information Framework Adoption scores granted to the ABEs presented in scope for the Granite Inventory Frameworx Assessment.

Each ABE was measured using the Information Framework (SID) conformance scoring guidelines as described in sections 6.4.1 & 6.4.2.

6.5.1 Information Framework Maturity - Conformance Result Summary

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Maturity Level Conformance Summary [1/4]
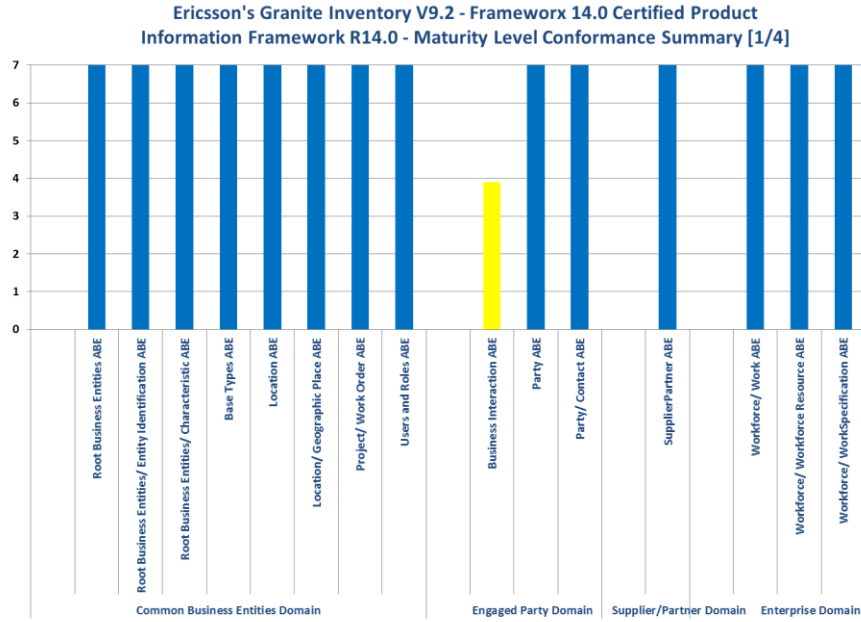
Figure 6-1 Information Framework Maturity Levels[1] – CBE, Engaged Party, S/P & Enterprise Domains

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[1] Ericsson Note: The Business Interaction ABE has been considered solely from the perspective of those entities customers commonly document in their network inventory solutions. Before this backdrop Ericsson has deliberately refrained from striving for a higher SID "Maturity Conformance" score.

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Maturity Level Conformance Summary [2/4]

Figure 6-2 Information Framework Maturity Levels - Service Domain

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Maturity Level Conformance Summary [3/4]

Resource Domain [1/2]

Figure 6-3 Information Framework Maturity Levels[2] - Resource Domain [1/2]

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[2] Ericsson Note: This Resource ABE and Auxiliary Component ABE have been considered solely from the perspective of those entities customers commonly document in their network inventory solutions. Before this backdrop Ericsson has deliberately refrained from striving for a higher SID "Maturity Conformance" score.

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Maturity Level Conformance Summary [4/4]

Resource Domain [2/2]

Figure 6-4 Information Framework Maturity Levels - Resource Domain [2/2]

6.5.2 Information Framework Adoption - Conformance Result Summary

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Adoption Conformance Summary [1/4]
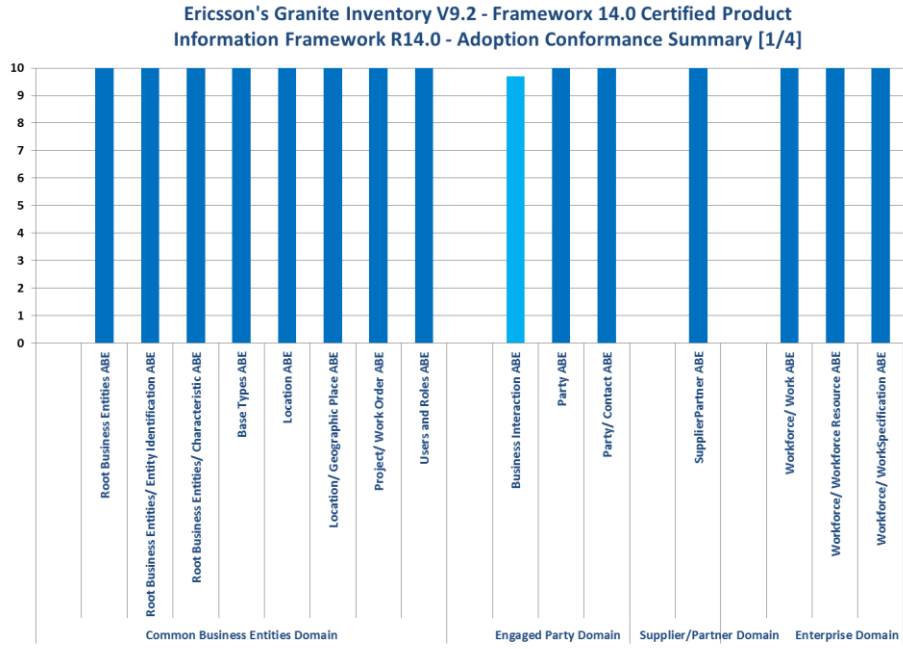
Figure 6-5 Information Framework Adoption Levels – CBE, Engaged Party, S/P & Enterprise Domains

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Adoption Conformance Summary [2/4]

Figure 6-6 Information Framework Adoption Levels - Service Domain

**Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
Information Framework R14.0 - Adoption Conformance Summary [3/4]**
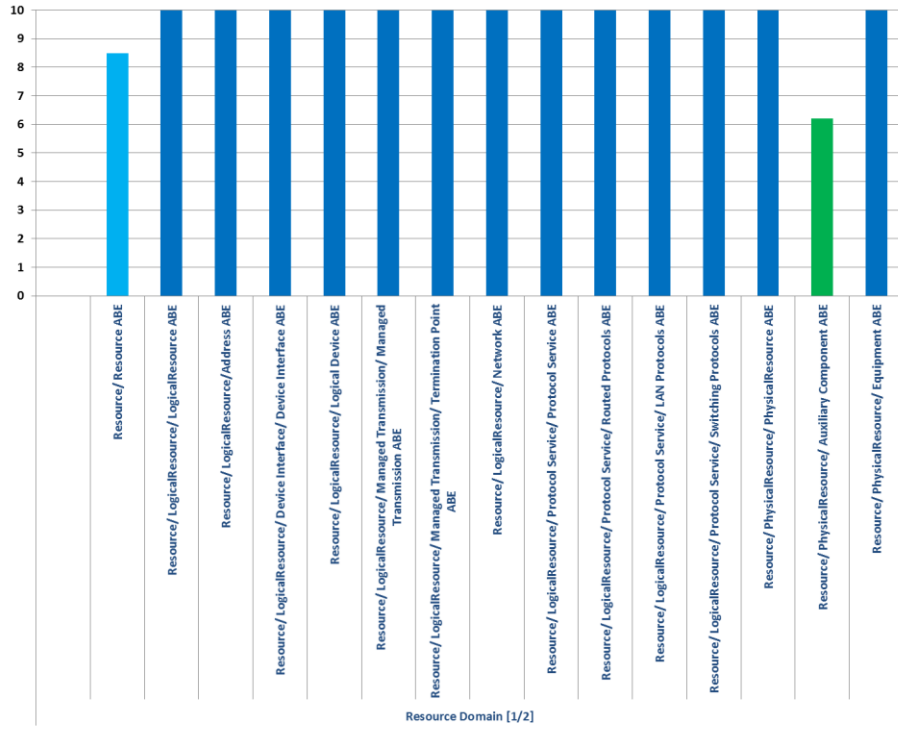
Figure 6-7 Information Framework Adoption Levels - Resource Domain [1/2]

Ericsson's Granite Inventory V9.2 - Frameworx 14.0 Certified Product
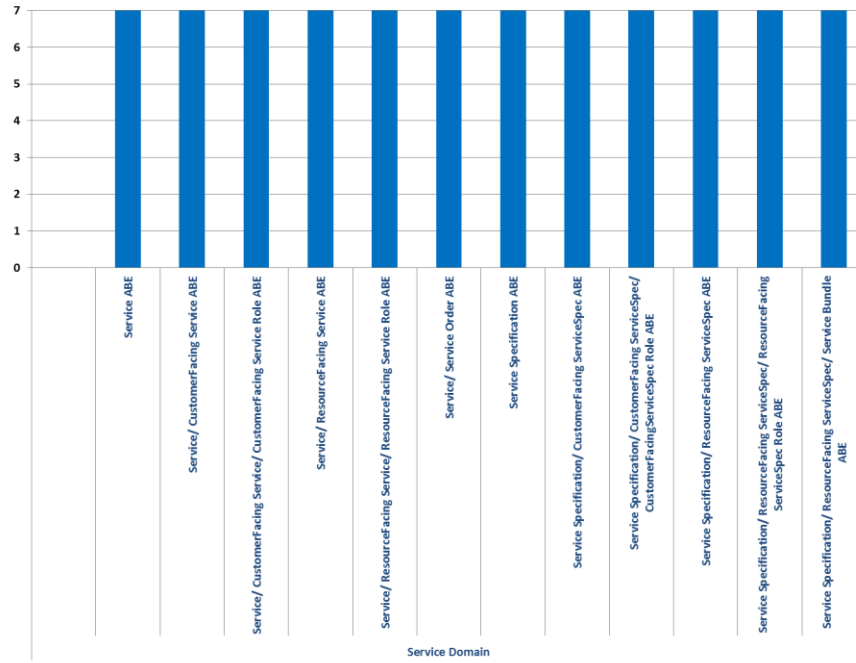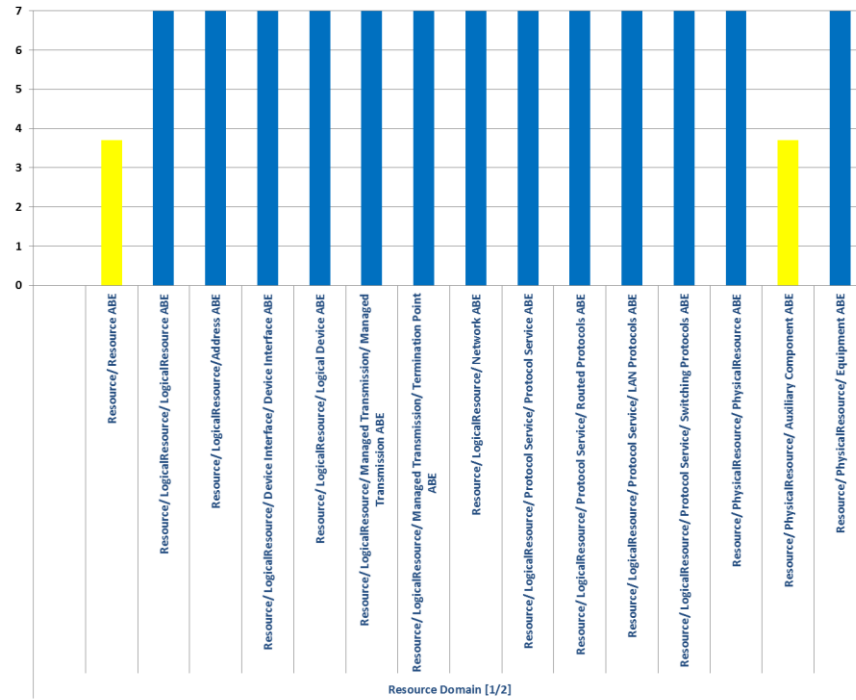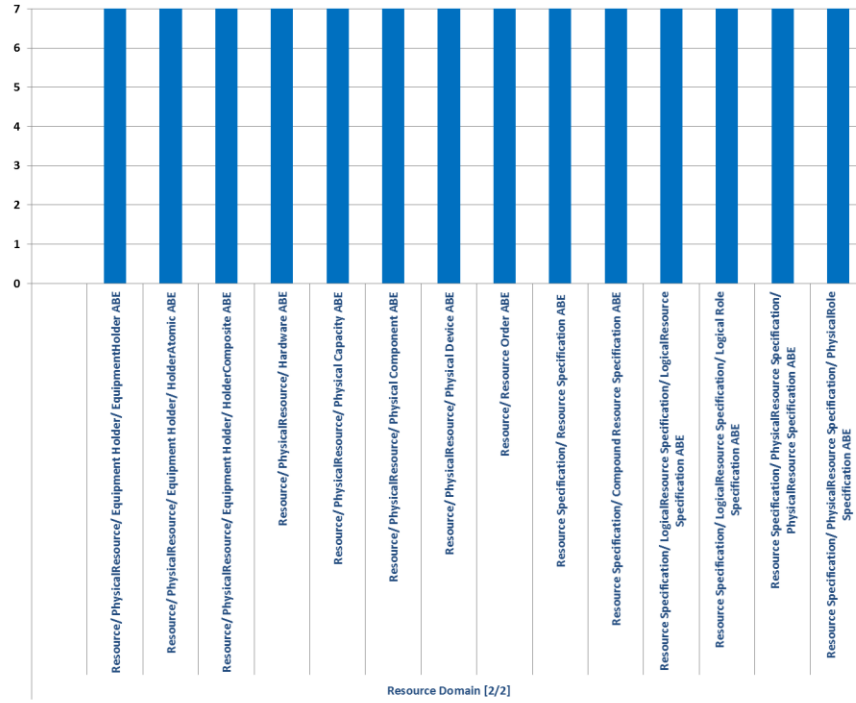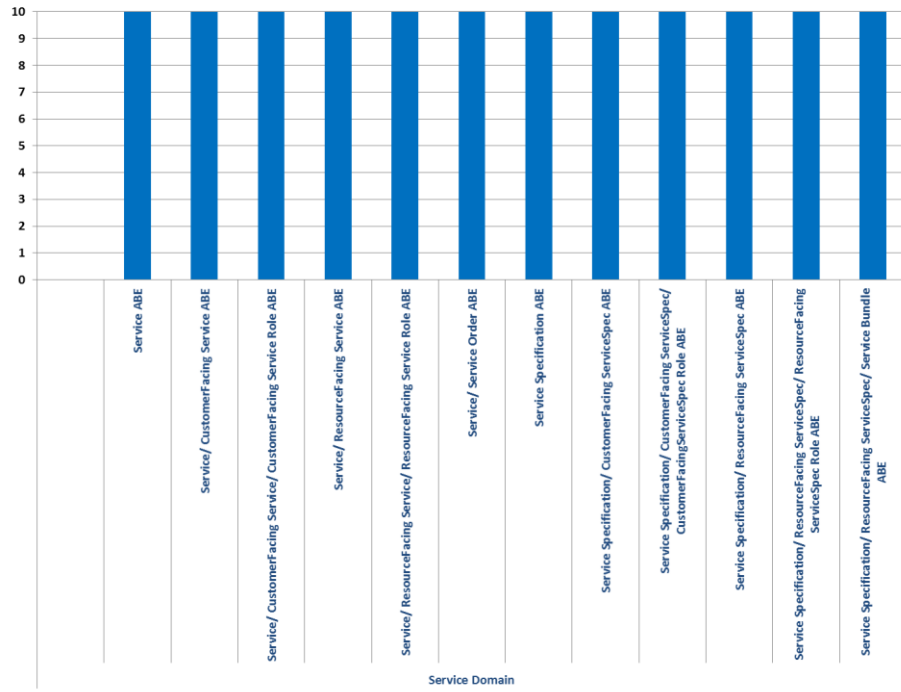Information Framework R14.0 - Adoption Conformance Summary [4/4]
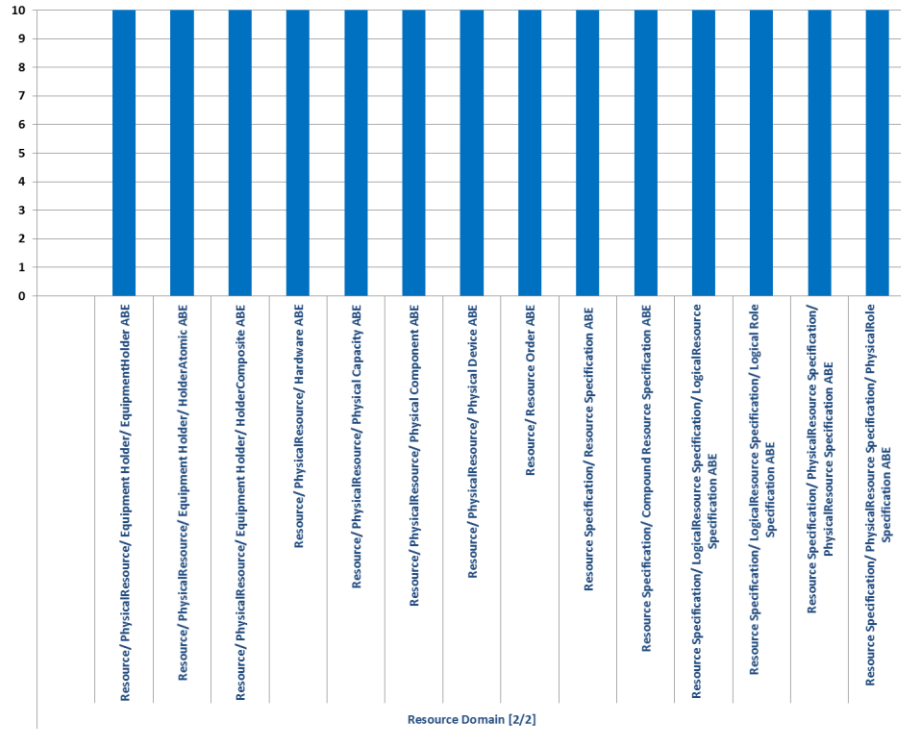
Resource Domain [2/2]

Figure 6-8 Information Framework Adoption Levels - Resource Domain [2/2]

6.6 Information Framework – Detailed Conformance Result

The following table provides a more detailed breakdown of the scores awarded with some additional commentary.

Table 6-3 Information Framework: Detailed Conformance Result

TM Forum Frameworx R14.0 Conformance Certification – Ericsson's Granite Inventory V9.2 Information Framework (SID) R14.0 - Conformance Scores				
Domain/ABE	*Maturity Conformance Level (1-7)*	*Assessment Comments*	*Adoption Conformance Score (1-10)*	*Assessment Comments*
Common Business Entities Domain				
Root Business Entities ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Root Business Entities/ Entity Identification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Root Business Entities/ Characteristic ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

Base Types ABE	**7**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	**10**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Location ABE	**7**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	**10**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Location/ Geographic Place ABE	**7**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	**10**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Project/ Work Order ABE	**7**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	**10**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Users and Roles ABE	**7**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	**10**	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	

Engaged Party Domain				
Business Interaction ABE	3.9	[3]**Low Conformance** Core entity, required attributes, 90% of dependent entities supported.	9.7	**Very High Conformance**
Party ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Party/ Contact ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

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[3] Ericsson Note: This ABE has been considered solely from the perspective of those entities customers commonly document in their network inventory solutions. Before this backdrop Ericsson has deliberately refrained from striving for a higher SID "Maturity Conformance" score.

Service Domain				
Service ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Service/ CustomerFacing Service ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Service/ CustomerFacing Service/ CustomerFacing Service Role ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Service/ ResourceFacing Service ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Service/ ResourceFacing Service/ ResourceFacing Service Role ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

Service/ Service Order ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Service Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Service Specification/ CustomerFacing ServiceSpec ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Service Specification/ CustomerFacing ServiceSpec/ CustomerFacingSe rviceSpec Role ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Service Specification/ ResourceFacing ServiceSpec ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	

Service Specification/ ResourceFacing ServiceSpec/ ResourceFacing ServiceSpec Role ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Service Specification/ ResourceFacing ServiceSpec/ Service Bundle ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource Domain				
Resource/ Resource ABE	3.7	[4]**Low Conformance** Core entity, required attributes, 90% of dependent entities supported.	8.5	**Very High Conformance**
Resource/ LogicalResource/ LogicalResource ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

[4] Ericsson Note: This ABE has been considered solely from the perspective of those entities customers commonly document in their network inventory solutions. Before this backdrop Ericsson has deliberately refrained from striving for a higher SID "Maturity Conformance" score.

Resource/ LogicalResource/Address ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Device Interface/ Device Interface ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ **Logical Device ABE**	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Managed Transmission/ Managed Transmission ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Managed Transmission/ Termination Point ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

Resource/ LogicalResource/ Network ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Protocol Service/ Protocol Service ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Protocol Service/ Routed Protocols ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Protocol Service/ LAN Protocols ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ LogicalResource/ Protocol Service/ Switching Protocols ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

Resource/ PhysicalResource/ PhysicalResource ABE	7	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ PhysicalResource/ Auxiliary Component ABE	3.7	[5]Low Conformance Core entity, required attributes, 80% of dependent entities supported.	6.2	High Conformance
Resource/ PhysicalResource/ Equipment ABE	7	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ PhysicalResource/ Equipment Holder/ EquipmentHolder ABE	7	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource/ PhysicalResource/ Equipment Holder/ HolderAtomic ABE	7	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	Full Conformance Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.

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[5] Ericsson Note: This ABE has been considered solely from the perspective of those entities customers commonly document in their network inventory solutions. Before this backdrop Ericsson has deliberately refrained from striving for a higher SID "Maturity Conformance" score.

Resource/ PhysicalResource/ Equipment Holder/ HolderComposite ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource/ PhysicalResource/ Hardware ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource/ PhysicalResource/ Physical Capacity ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource/ PhysicalResource/ Physical Component ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource/ PhysicalResource/ Physical Device ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	

Resource/ Resource Order ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource Specification/ Resource Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource Specification/ Compound Resource Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource Specification/ LogicalResource Specification/ LogicalResource Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	
Resource Specification/ LogicalResource Specification/ Logical Role Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	

Resource Specification/ PhysicalResource Specification/ PhysicalResource Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Resource Specification/ PhysicalResource Specification/ PhysicalRole Specification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Supplier/Partner Domain				
SupplierPartner ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Enterprise Domain				
Workforce/ Work ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.
Workforce/ Workforce Resource ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of

		dependent entities supported.		dependent entities supported.
Workforce/ WorkSpecification ABE	7	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.	10	**Full Conformance** Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities supported.