

**Framework 11.5
Product Conformance
Certification Report**

**AMDOCS
Enterprise Product Catalog (EPC)
Version 9.0**

June 2012



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1 Introduction

1.1 Executive Summary

This document provides details of AMDOCS’s self-assessment and TM Forum’s Conformance Assessment of **AMDOCS’s Enterprise Product Catalog (EPC) Product**, against the following Framework 11.5 components:

- Information Framework Version 9.5

The assessment included a review of:

- Conformance to the Information Framework Release 9.5 Domains/Aggregate Business Entities according to the specific ABEs submitted in scope for the Assessment.

2 Product Functionality/Capability Overview

2.1 AMDOCS Enterprise Product Catalog (EPC) Version 9.0 – Product Overview

Amdocs Enterprise Product Catalog (EPC) is a bi-directional master repository of products and services where operators model, build, price, bundle and blend, maintain and retire their offerings. The product model spans all business, operational and network entities associated with the product and service, from marketing definition, through ordering and charging, to network facing definitions. The single, centralized catalog comes pre-integrated with Amdocs BSS and OSS suites and is designed for integration with any system and for modeling any information model.

EPC Product Lifecycle Management (PLM) provide a streamlined workflow engine managing offering from ideation phase to launch, a tight integration with EPC provides simplified view to marketing and business of existing catalog data and the ability to reuse existing data in order to generate new offering. EPC PLM implementation provided with best practices business process which is lean and optimized to drive innovation forward.

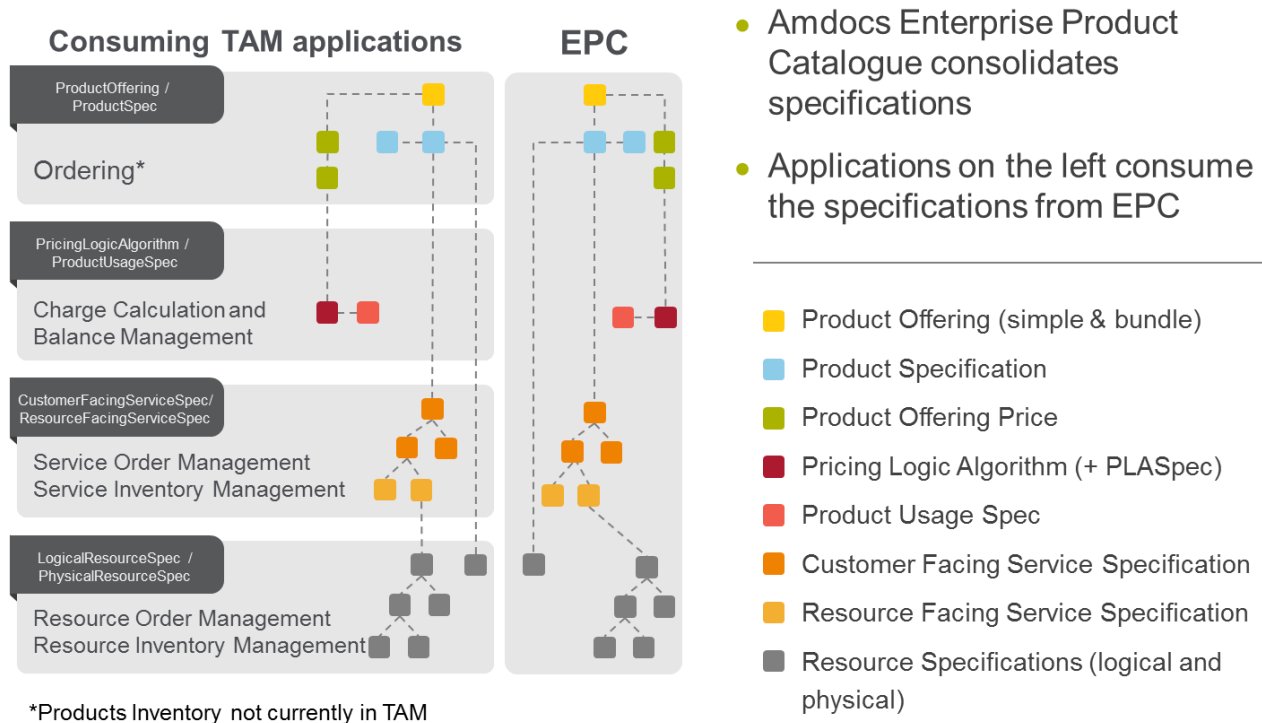


Figure 2.1 EPC Architecture Context Diagram

3 Business Process Framework Assessment Overview

As this Product Certification is a re-certification of a previously certified product against the Information Framework, the Conformance Assessment was only carried out against the Information Framework as the Business Process Framework was not in scope for the initial Assessment and consequently not in scope for this re-certification.



4 Business Process Framework – Process Mapping Descriptions

Not applicable. The assessment did not cover the Business Process Framework.

5 Information Framework Assessment Overview

5.1 Mapping Technique Employed

Based on the certification scope the list of ABEs (Aggregated Business Entities) is defined. The entities, association classes and dependent entities for each ABE in scope are allocated for the assessment.

SID model files and addendum specifications are analyzed for the entities' and association classes' definitions to determine their roles. Attributes explicit to the entities and association classes as well as inherited attributes are listed.

This information is used to map each entity's or association class' attribute to the appropriate product's attribute to show how the model is supported. For each (when needed) mapping item - attribute type, possible values and comments are provided.

5.2 Information Framework Assessment - ABE Scope

Figure 5.1 illustrates the Information Framework Level 1 ABEs (blue border) that were presented in scope for the Assessment, and the textual callouts represent the domain areas of the AMDOCS Enterprise Product Catalog (EPC) Product that were assessed and support the corresponding SID ABEs.

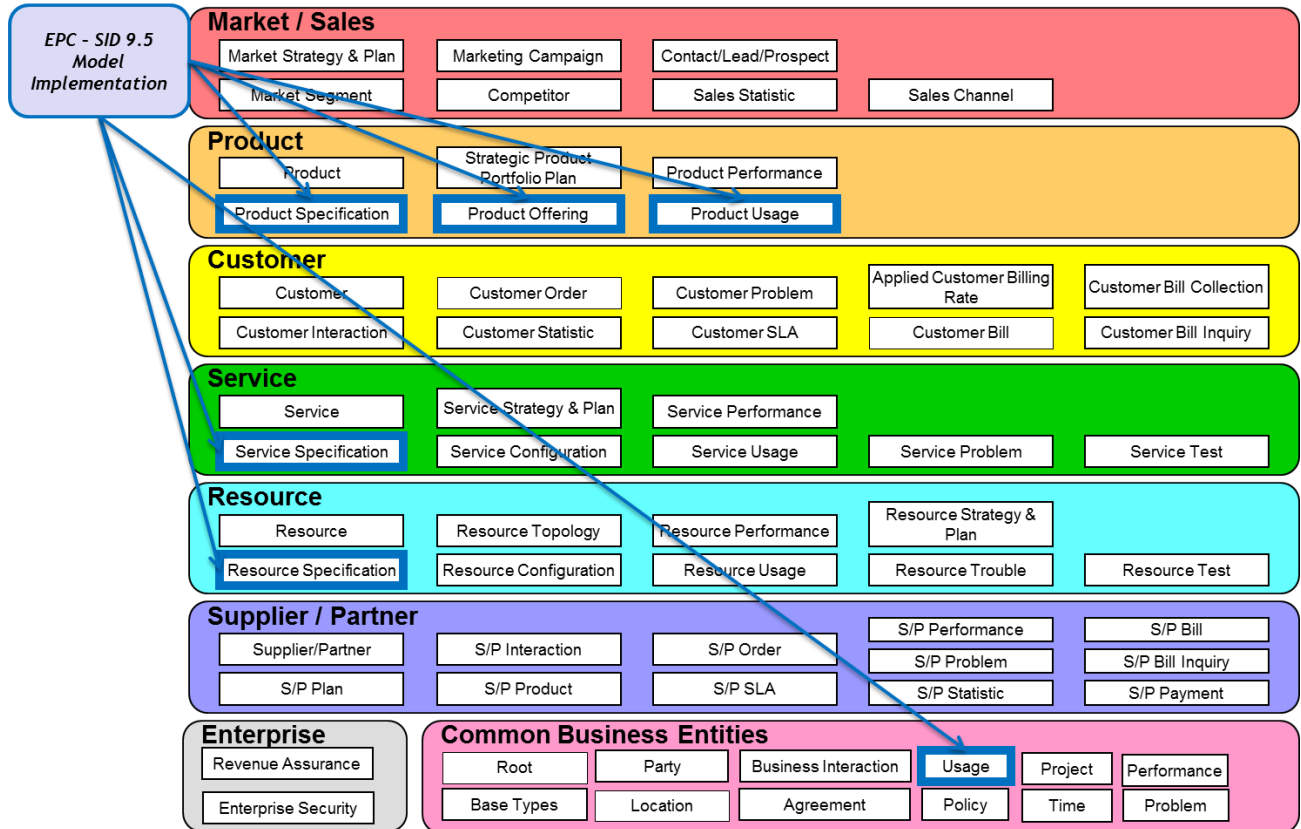


Figure 5.1 Information Framework – Assessment Scope

5.3 Product Scope

The diagram in Figure 2.1 EPC Architecture Context Diagram represents the AMDOCS Enterprise Product Catalog (EPC) Product and how it is mapped to the Information Framework Level 1 ABEs that were assessed as part of this Framework Conformance Assessment.

The diagram is repeated here for ease of reference.

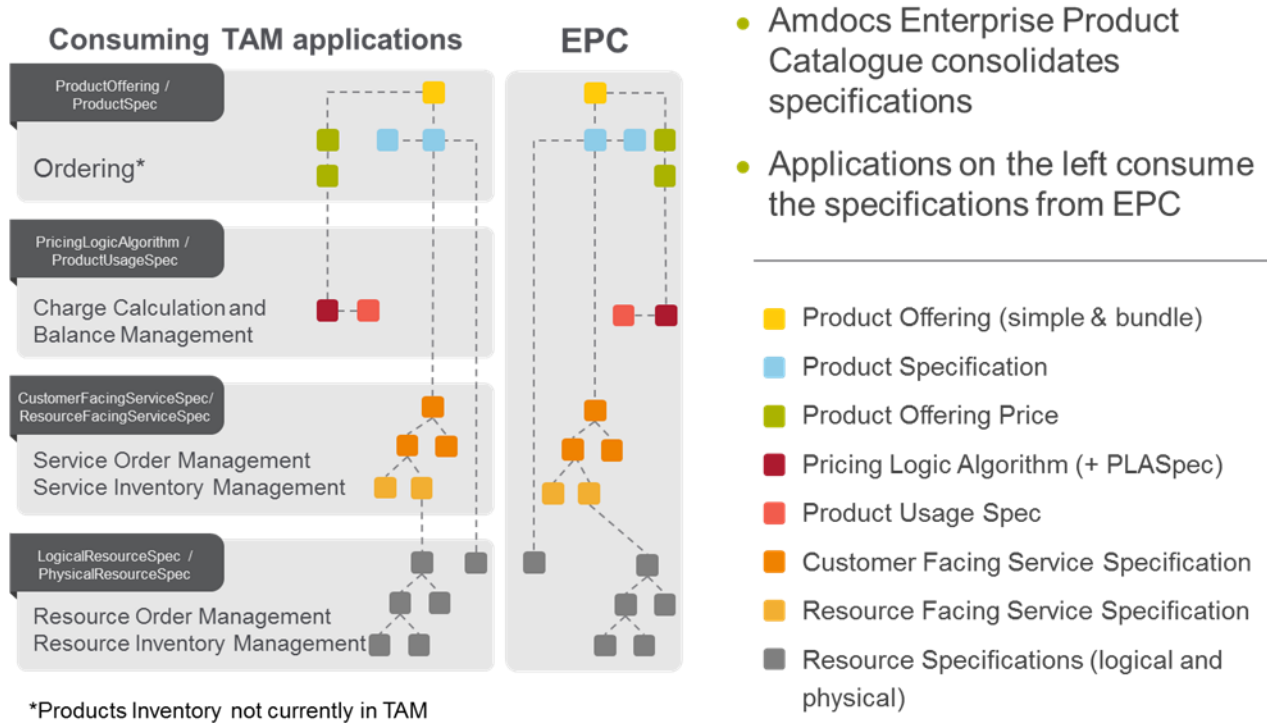


Figure 5.2 EPC Architecture Context Diagram

6 Framework Conformance Result

6.1 Business Process Framework – Scoring Rules

Not applicable. The assessment did not cover the Business Process Framework.



6.2 Business Process Framework - Conformance Result Summary

Not available. The assessment did not cover the Business Process Framework.



6.3 Business Process Framework – Conformance Results Detailed

Not available. The assessment did not cover the Business Process Framework.

6.4 Information Framework – Scoring Rules

The conformance scores granted were based on the following TM Forum scoring rules for Framework 11.5 Assessments.

Product & Solution: Information Framework (SID) Conformance Score Descriptions	
Conformance Score	Qualifier
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.
Conformance Score 2	The model has achieved Conformance Score of 1 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.
Conformance Score 3	The model has achieved Conformance Score of 2 and the required attributes of the ABE's core entity or entities are defined in the model.
Conformance Score 4	The model has achieved Conformance Score of 3 and dependent entities within the ABE's are defined in the model.
Conformance Score 5	The model has achieved Conformance Score of 4 and the required attributes of the ABE's dependent entities are defined in the model.
Conformance Score 6	The model has achieved Conformance Score of 5 and all attributes of the ABE's core entities are defined in the model.
Conformance Score 7	The model has achieved Conformance Score of 6 and all attributes of the ABE's dependent entities are defined in the model.

Figure 6.1 TM Forum Information Framework – Conformance Scoring Rules

Notes:

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.

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.

6.5 Information Framework – Conformance Result Summary

The following graph provides an overview of the conformance levels granted to the ABEs presented in scope for the AMDOCS Enterprise Product Catalog (EPC) Product Information Framework Assessment. Each ABE was measured using an Information Framework (SID) conformance scale of 1–7 as described in section 6.4 Information Framework – Scoring Rules.

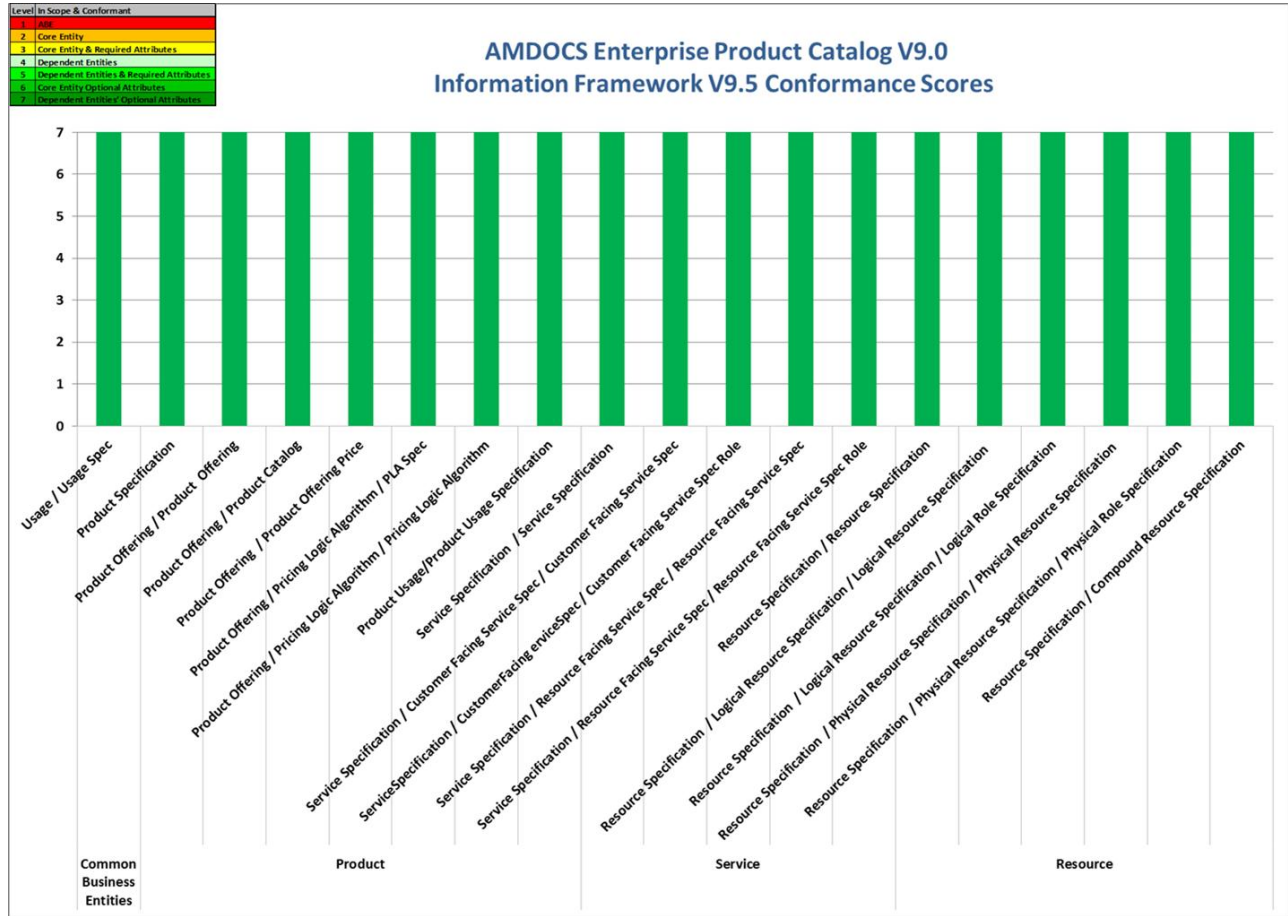


Figure 6.2 Information Framework - Conformance Result Summary

6.6 Information Framework – Conformance Result Detailed

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

Table 6.1 Information Framework – Detailed Conformance Result

Amdocs EPC V9.0 – Information Framework Conformance			
SID Domain	SID ABE	Conformance Score	Comment
Common Business Entities	Usage / Usage Spec	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
Product	Product Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Product Offering / Product Offering	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Product Offering / Product Catalog	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Product Offering / Product Offering Price	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Product Offering / Pricing Logic Algorithm / PLA Spec	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Product Offering / Pricing Logic Algorithm / Pricing Logic Algorithm	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.



Amdocs EPC V9.0 – Information Framework Conformance			
SID Domain	SID ABE	Conformance Score	Comment
	Product Usage/Product Usage Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
Service	Service Specification / Service Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Service Specification / Customer Facing Service Spec / Customer Facing Service Spec	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Service Specification / Customer Facing Service Spec / Customer Facing Service Spec Role	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Service Specification / Resource Facing Service Spec / Resource Facing Service Spec	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Service Specification / Resource Facing Service Spec / Resource Facing Service Spec Role	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
Resource	Resource Specification / Resource Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.



Amdocs EPC V9.0 – Information Framework Conformance			
SID Domain	SID ABE	Conformance Score	Comment
	Resource Specification / Logical Resource Specification / Logical Resource Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Resource Specification / Logical Resource Specification / Logical Role Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Resource Specification / Physical Resource Specification / Physical Resource Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Resource Specification / Physical Resource Specification / Physical Role Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.
	Resource Specification / Compound Resource Specification	Level 7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity and all attributes of dependent entities.