

Framework 11.5

Information Framework R9.5

Product Conformance Certification Report

**ORACLE Communications
Pricing Design Center (PDC)
Version 11.1**

January 2012



Table of Contents

Table of Contents	2
List of Figures	3
List of Tables	3
1 Introduction	4
1.1 Executive Summary.....	4
1.2 ORACLE Communications Pricing Design Center V11.1 - Functionality/Capability	4
2 Mapping Technique Employed	5
3 Assessment Scope	6
3.1 Information Framework Scope and Mapping	6
3.2 Product Scope.....	8
4 Information Framework (SID) Conformance	9
4.1 Information Framework – Conformance Overview	9
4.2 Information Framework – Detailed Conformance Result	11



List of Figures

Figure 3.1 ORACLE Communications Pricing Design Center - ABEs in Scope.....	6
Figure 3.2 ORACLE Communications Pricing Design Center V11.1 - Product Scope	8
Figure 4.2 TM Forum Information Framework – Conformance Scoring Rules.....	9
Figure 4.3 ORACLE Communications Pricing Design Center V11.1 – Conformance Scores.....	10

List of Tables

Table 3.1 ORACLE Communications Pricing Design Center V11.1 - Assessed ABEs	7
Table 4.1 ORACLE Communications Pricing Design Center – Detailed Conformance Result.....	11

1 Introduction

1.1 Executive Summary

This document provides details of ORACLE's self-assessment and TM Forum's certification of the ORACLE Pricing Design Center (PDC) V11.1 against TM Forum's Information Framework Release 9.5 Domains/Aggregate Business Entities.

1.2 ORACLE Communications Pricing Design Center V11.1 - Functionality/Capability

The Oracle Communications Pricing Design Center (PDC) is a web-based application for rapid design and deployment of product offerings, supporting the full spectrum of pricing capabilities of the underlying charging and rating solutions.

The first release of PDC is fully integrated with Oracle Communications Billing and Revenue Management, providing the most comprehensive, functionally rich pricing capabilities in the industry.

Pricing Design Center is built upon an innovative, flexible architecture which can support multiple charging and rating solutions in a single deployment, while at the same time offering a consistent user interface and workflows regardless of service, network interface, payment method or market.

With its business-driven workflows to create and manage product offerings, Pricing Design Center enables the communications service provider to create new offers and promotions in minutes, a key element of success in an increasingly demanding and competitive market.

2 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.

In the mapping assessment, attributes explicit to the entities and association classes are listed, as well as inherited attributes. In case the inherited entity is also assessed, these attributes are not listed again.

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.

3 Assessment Scope

3.1 Information Framework Scope and Mapping

Figure 3.1 illustrates the Information Framework Level 1 ABEs (blue border) that were presented in scope for the Assessment, and the textual callouts represent the components of the ORACLE Communications Pricing Design Center that were assessed and support the corresponding SID ABEs.

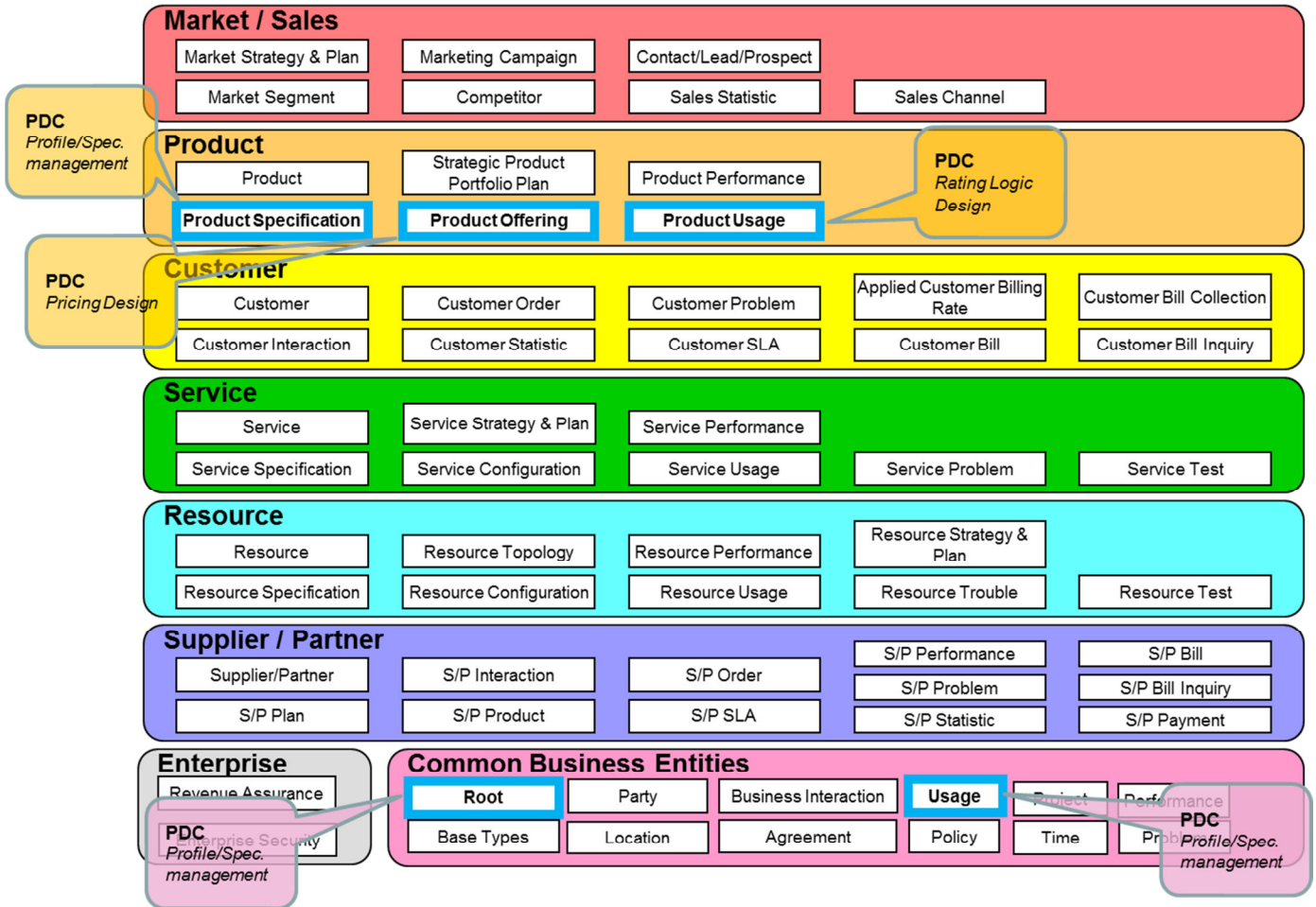


Figure 3.1 ORACLE Communications Pricing Design Center - ABEs in Scope



A more granular information is shown in Table 3.1 below, which provides lowest level ABEs actually assessed against the Information Framework:

Table 3.1 ORACLE Communications Pricing Design Center V11.1 - Assessed ABEs

Information Framework (SID) Domain	Information Framework (SID) ABE in Scope
Common Business Entities	Usage Spec
	Business Interaction
Product	Product Offering/ ProductOffering
	Product Offering/ ProductOfferingPrice
	Product Specification
	Product Usage/ Product Usage Spec
	Product Offering/ Pricing Logic Algorithm
	Product Offering/ Pricing Logic Algorithm/ PLA Spec

3.2 Product Scope

Figure 3.2 illustrates the Oracle Communications Pricing Design Center with the domains that were presented in scope. The textual callouts represent the TM Forum Aggregate Business Entities (ABEs) that were assessed and are supported by the corresponding Oracle domains.

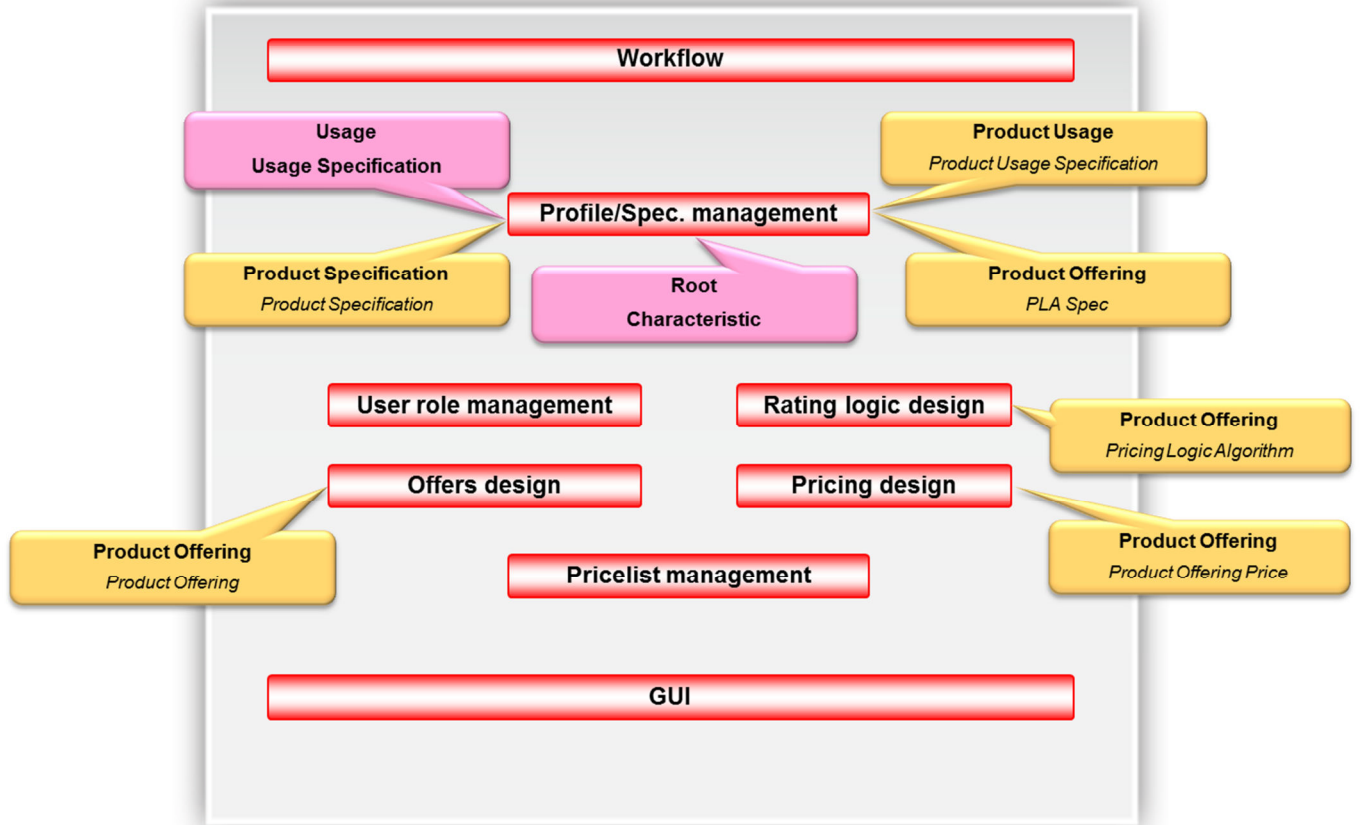


Figure 3.2 ORACLE Communications Pricing Design Center V11.1 - Product Scope

4 Information Framework (SID) Conformance

4.1 Information Framework – Conformance Overview

The following chart is an overview of the conformance levels granted to the ABEs presented in scope for the ORACLE COMMUNICATIONS PRICING DESIGN CENTRE, Information Framework Assessment. Each ABE was measured using an Information Framework (SID) conformance scale of 1–7, with 1 being lowest, 3 being the acceptable minimum, and 7 being the highest level of conformance.

The conformance levels granted were based on the following TM Forum scoring rules:

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 4.1 TM Forum Information Framework – Conformance Scoring Rules

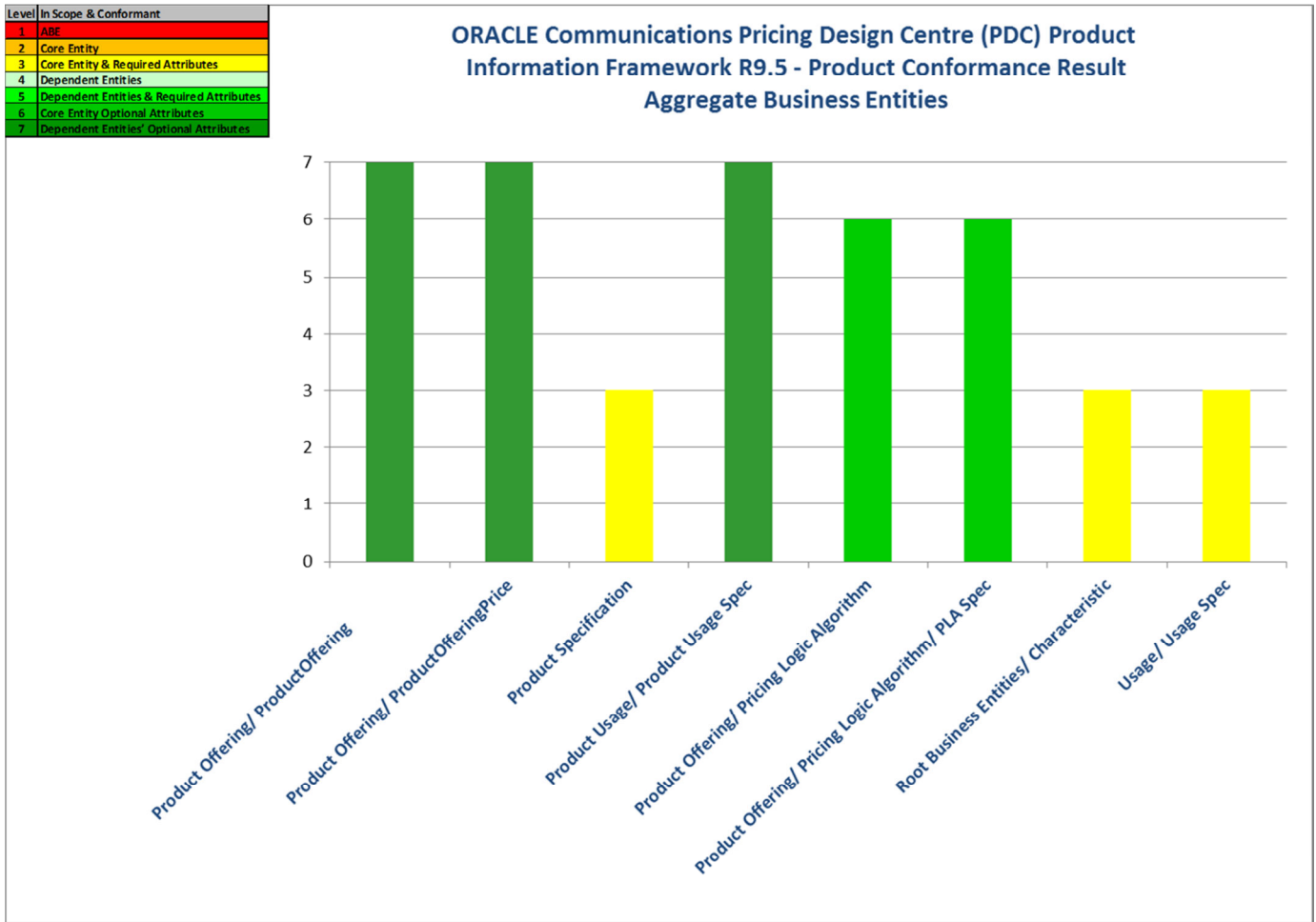


Figure 4.2 ORACLE Communications Pricing Design Center V11.1 – Conformance Scores

4.2 Information Framework – Detailed Conformance Result

Table 4.1 ORACLE Communications Pricing Design Center – Detailed Conformance Result

Information Framework (SID) Conformance			
Information Framework (SID) Domain	Information Framework (SID) ABE	Conformance Score	Comment
Product	ProductOffering	7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities.
	ProductOffering/ ProductOfferingPrice	7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities.
	Product Specification	3	Core entity, required attributes.
	Product Usage/ Product Usage Spec	7	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity, all attributes of dependent entities. TM Forum note: See the conformance score for Usage Specification
	Product Offering / Pricing Logic Algorithm / Pricing Logic Algorithm	6	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity. TM Forum note: See conformance score for Characteristic ABE.
	Product Offering / Pricing Logic Algorithm / PLA Spec	6	Core entity, required attributes, dependent entities, required attributes of dependent entities, all attributes of the core entity. TM Forum note: See conformance score for Characteristic ABE.
Common Business Entities	Usage / Usage Spec	3	Core entity, required attributes.



Information Framework (SID) Conformance			
Information Framework (SID) Domain	Information Framework (SID) ABE	Conformance Score	Comment
	Root Business Entities / Characteristic / Characteristic	3	Core entity, required attributes.