

## Generic Service Order Product

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### Document Version History

Version	Status	Approval Date	Issue Date	Modified by	Description
1.0	Approved: Recommended	27/11/2012	27/11/2012	ISB	Approved as Recommended status
2.0	Approved: Recommended	11/06/2013	30/10/2013	ISB	Updated due to a change to the Primary Key of the entity GServ Order Product

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# 1 DATA STANDARD

## 1.1 Introduction

### 1.1.1 Application

This standard can be used to exchanged data describing the deliverables produced as a result of delivery of a **Generic Service**, where:

It describes a provider's generic services that will be supplied as part of a generic service order.

“**Service**” has the natural English meaning of: activities performed by one Party for the benefit of another Party”. Note that this includes a very wide range of activities, for example acts of kindness, parental functions and many other activities which are not of interest from a data exchange standards perspective. The term service is only used in the general English sense for descriptive purposes.

ISB data exchange standards are only concerned with a restricted set of services, called **ESCS Services**, where:

“**ESCS Service**” means: services delivered by ESCS Parties where the service requestor recognises the service as a coherent whole or consumable product, the service is formally recorded, and the activities do not include provision of learning or assessments of learning achievements.

ESCS Services can be further categorised as “bespoke” or “**generic**” where:

**Generic Service** means: an ESCS service such that the service can be uniquely identified by the Service Type, and by two Parties engaged with the service. An example of this is;

*Exclusion Assessment “Service” is identified by the Learning Provider, the Learner and the date of Assessment Service.*

This standard only addresses Generic Services. Note that elements of this standard are expected to be repeated in standards covering other “bespoke” ESCS services.

### 1.1.2 Compatibility with non-ISB standards

There are no known compatibility issues related to this standard.

### 1.1.3 Terminology and notation

The following sections contain:

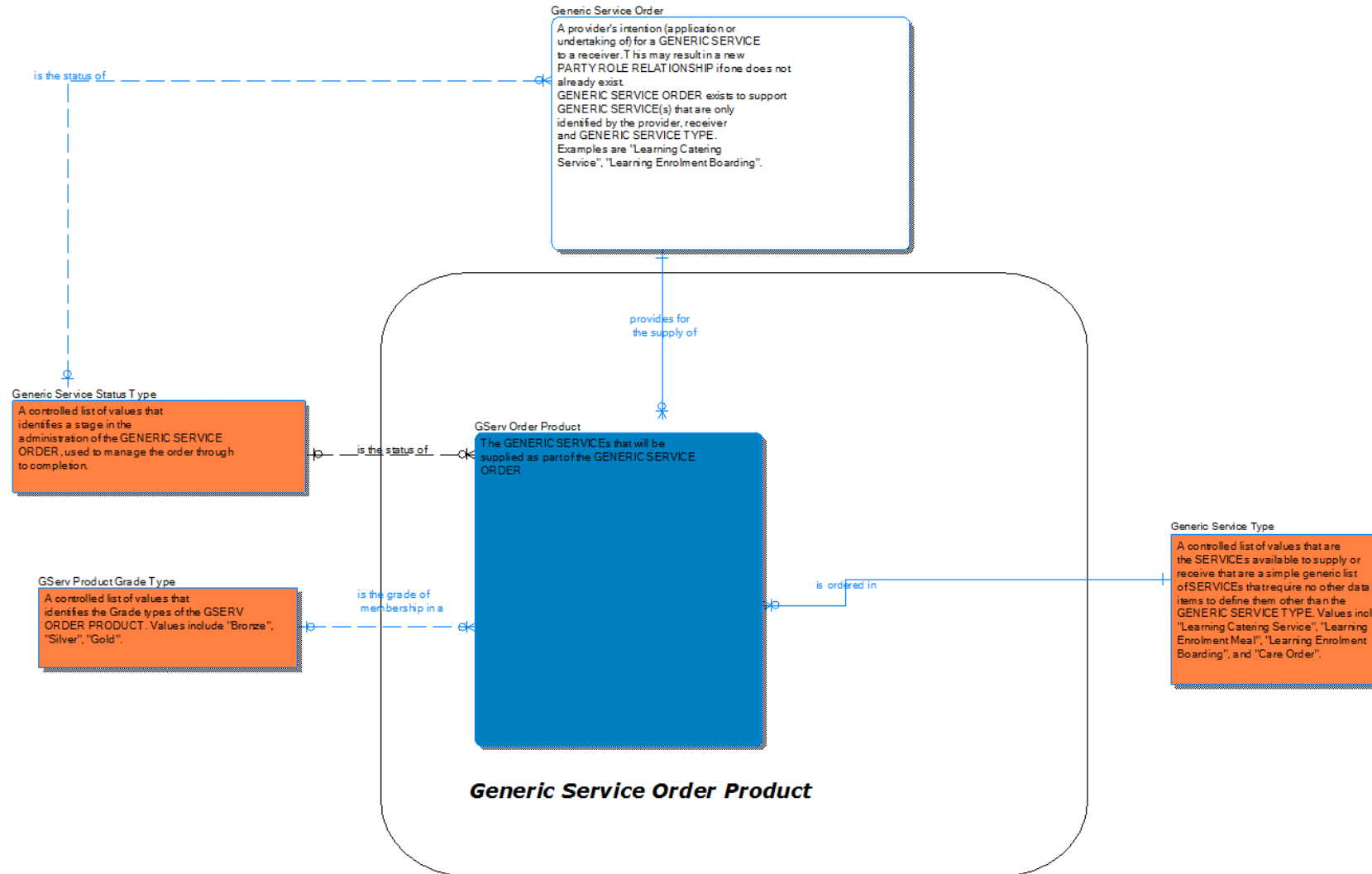
- **Entity Definition Model** – A high level diagram showing: entities; their descriptions and relationships
- **Attribute Model** – A lower level diagram showing the names of attributes making up entities. Attributes in the top section of an entities box are those making up its primary key
- **Data Definitions** – Detailed descriptions of each of the entities at an attribute level, showing attribute: name; definition; whether it is part of a key; whether it is mandatory; its data type and format; parent information and Controlled List association

Only those entities within the boundary square in the diagrams are part of this particular data standard, entities outside the boundary are shown for context purposes only (and can be found within other Business Data Standards), or separate Controlled List reference data.

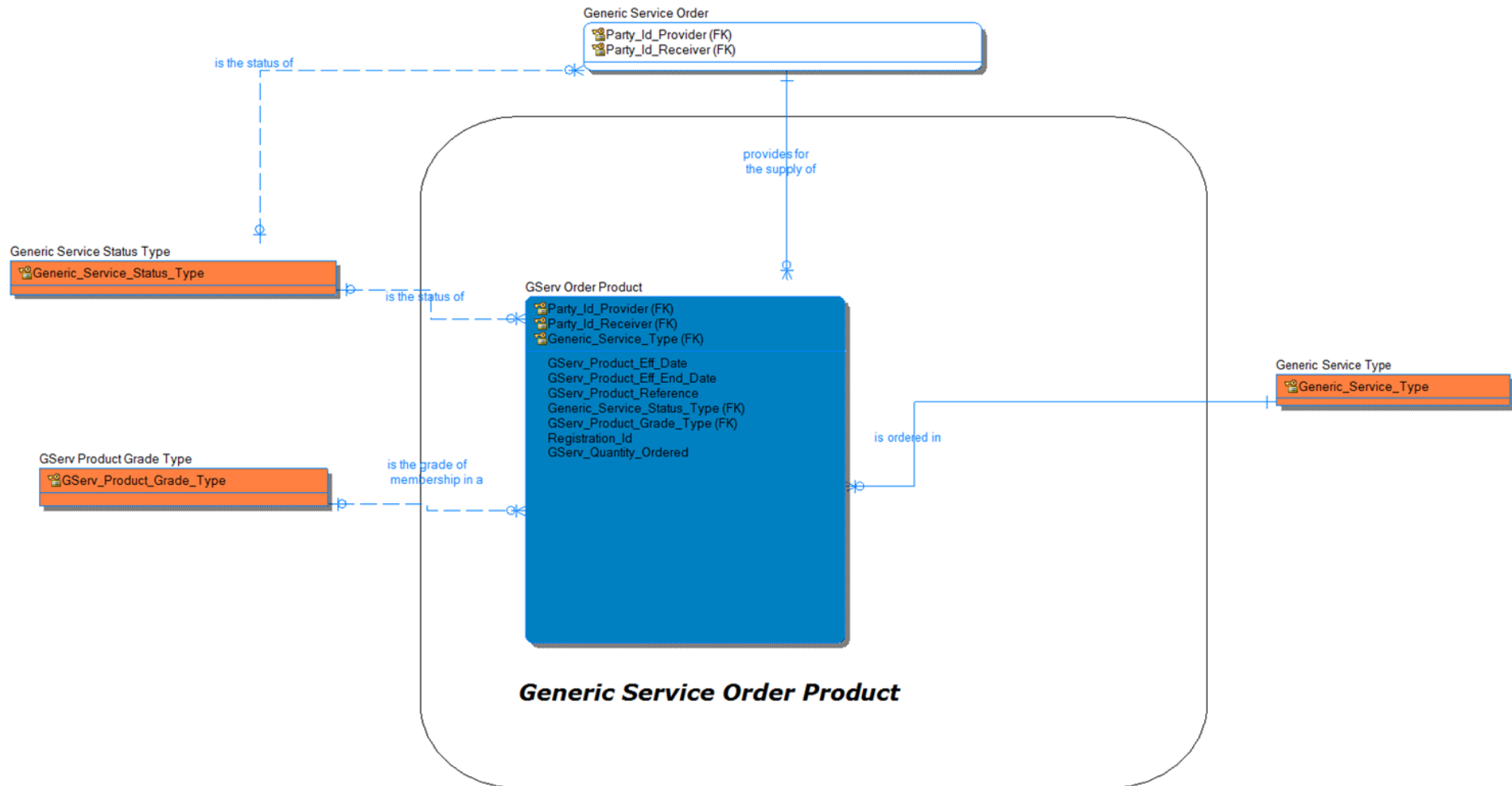
The standards for naming, notation and conventions used for this development can be found in the BDA Data Architecture Modelling Standards document. For convenience, a quick reference of the colours used in these diagrams is shown below.



## 1.2 Entity Definition Model



### 1.3 Attribute Model



## 1.4 Data Definitions

### 1.4.1 Associative Entity: GServ Order Product

The GENERIC SERVICES that will be supplied as part of the GENERIC SERVICE ORDER

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Party_Id_Provider	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Generic Service Order	Party_Id_Provider	
Party_Id_Receiver	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Generic Service Order	Party_Id_Receiver	
Generic_Service_Type	A controlled list of values that are the SERVICES available to supply or receive that are a simple generic list of SERVICES that require no other data items to define them other than the GENERIC SERVICE TYPE. Values include "Learning Catering Service", "Learning Enrolment Meal", "Learning Enrolment Boarding", and "Care Order".	Y	Y	Y	Unicode_String(1,100)			Generic Service Type
GServ_Product_Eff_Date	The date from which the GSERV ORDER PRODUCT commences.	N	N	N	Simple_Date			

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
GServ_Product_Eff_End_Date	The date from which the GSERV ORDER PRODUCT ceased	N	N	N	Simple_Date			
GServ_Product_Reference	The reference assigned to the GSERV ORDER PRODUCT such as work permit number.	N	N	N	Unicode_String(1,30)			
Generic_Service_Status_Type	A controlled list of values that identifies a stage in the administration of the GENERIC SERVICE ORDER, used to manage the order through to completion.	N	Y	N	Unicode_String(1,50)			Generic Service Status Type
GServ_Product_Grade_Type	A controlled list of values that identifies the Grade types of the GSERV ORDER PRODUCT. Values include "Bronze", "Silver", "Gold".	N	Y	N	Unicode_String(1,32)			Generic Service Product Grade Type
Registration_Id	A registration identification code assigned to the RECEIVER PARTY as part of the SERVICE PROVISION COMPONENT	N	N	N	Unicode_String(1,50)			
GServ_Quantity_Ordered	The quantity ordered under this GSERV ORDER PRODUCT	N	N	N	Simple_Integer(1,8)			



## 2 CHANGES FROM PREVIOUS VERSION

The standard has been updated due to the application of a new approach to the modelling of party roles and relationships, which has resulted in a change to the Primary Key of the entity GServ Order Product.

## 3 REFERENCES

The following references are specific to this Business Data Standard:

- ESCS ISB, Business Data Architecture, version 5.01
- ESCS ISB, Controlled List, Generic Service Product Grade Type
- ESCS ISB, Controlled List, Generic Service Status Type
- ESCS ISB, Controlled List, Generic Service Type

The following references apply to all Business Data Standards:

- ESCS ISB Standards Overview and Context
- ESCS ISB “System“ Enterprise Architecture - Business Data Architecture
- ESCS ISB Business Data Architecture Data Types
- ESCS ISB BDA Data Architecture Modelling Standards
- ESCS ISB Management Process

## 4 NOTES

The standard refers to the concept of Generic Service – this is a specific subset of possible services. In data terms, we have considered what information is needed to uniquely identify a service (i.e. how would the provider be able to uniquely identify a particular service from the natural data associated with it if, say, they lost the internal reference number they normally assign to services)?

Some services may be uniquely identified by the Generic Service Type, and by two Parties engaged with the service:

*For example: an Exclusion Assessment “Service” is identified by the Learning Provider, the Learner and the date of Assessment Service.*

We call these “generic services” for the purposes of the analysis, because the service provided is the same to all customers.

Other services need to know further context to uniquely identify each instance. Commonly they need to know the subject of the service.

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