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بخدمتی

**Business Process Re-engineering Platform
Ministry of Digital Economy and Entrepreneurship (MoDEE)**

ARIS Convention Manual

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MoDEE

VERSIONING HISTORY

Version	Date	Description
V1	27-9-2020	First Version of the Convention Manual
V2	13-10-2020	Second version of the Convention Manual after MoDEE team feedback
V3	2-11-2020	Third version of the Convention Manual after MoDEE team feedback
V4	9-11-2020	Fourth version of the Convention Manual after MoDEE team feedback
V5	20-5-2021	Final version after project completion
V6	01-6-2021	Final version after MoDEE team feedback
V7	.	Seventh version after MoDEE Feedback
V8	.	Eighth version after MoDEE Feedback
V9.0	02-03-2022	Ninth version after MoDEE feedback on the default filter
V10.0	23-03-2022	Tenth version after MoDEE feedback on the default filter
V11.0	13-04-2022	Eleventh version after MoDEE feedback on the default filter
V 12.0		
V13.0	21-06-2022	Reflect Service Canvas and Customer journey Updates

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1. DOCUMENT PURPOSE

The purpose of this document is to provide standard modeling conventions for ARIS in MODEE. The manual contains a collection of modeling rules in ARIS, which when applied, will result in a set of process, data, application, and technology diagrams constructed in a logical and standardized way.

Kindly note that the manual is subject to modification and update during the implementation on ARIS as new business needs are realized as the maturity in business process management and other areas are improved in MODEE.

2. TARGET AUDIENCE

It is recommended that the users of this document have the knowledge in Business Process Management, Modeling and experience with ARIS modeling methods.

3. TERMINOLOGY

3.1. KEY TERMS

The followings are some general terms that will help in understanding the concept of ARIS and Business Processes:

TERM	DEFINITION
Business Architecture	A blueprint of the enterprise that provides a common understanding of the organization and is used to align strategic objectives and tactical demands.
Process Architecture	The structural design of general process systems and applies to fields such as computers (software, hardware, networks, etc.), business processes (enterprise architecture, policy and procedures, logistics, project management, etc.), and any other process system of varying degrees of complexity.
End-to-End Process	A group of interrelated and correlated processes which might be owned by different organizational units to deliver a specific outcome, product, service from customer initiation to full delivery to the customer.
Process Map	A process map is a planning and management tool that visually describes the flow of work.
Business Capability	A capability is the ability to perform or achieve certain actions or outcomes. As it applies to human capital, capability represents performing or achieving certain actions/outcomes in terms of the intersection of capacity and ability.
Business Process	illustrates the processes structure. A Business Process is described through a set of sequential sub-processes that together delivers a tangible output that realizes the whole service.
Process Model	Represents the flow of work or activities, usually in a graphic format, that contribute to accomplishing a specific goal. Process models are typically used to represent and analyze a series of activities that occur repeatedly and on a regular basis.

3.2.ARIS SPECIFIC TERMS

The below table contains ARIS terms that helps in understanding the concept of ARIS conventions:

TERM	DEFINITION
REPOSITORY	Centralized repository to store ARIS Databases.
ARIS DATABASE	The collection and storage of related ARIS models with all the elements needed to represent a significant business area. Stored in Centralized ARIS Repository.
GROUP	Used to structure ARIS Database.
FILTER	Contains all model, object, relationship, and attribute types required for working in an EA environment.
MODEL TYPE	Representation of different methods to model deferent elements within an organization. A model of a certain model type can be used to model a business process, Application systems, or other organizational elements
OBJECT TYPE	Represent basic elements in a model.
SYMBOL	A shape that represent an object within a model. An object type can be represented by more than one symbol.
ATTRIBUTE	Data maintained in specific attribute type is called an attribute. Attributes can be on the model or object levels.
RELATIONSHIP	The ARIS representation of the interaction between real-world entities represented by ARIS objects.
CONNECTION TYPE	Represent the different types of relationships that can exist between the objects of a certain model.
CONNECTION	The physical line connecting two objects within a model.
OCCURRENCE	An instance where an object is used in a model or in different models.
ASSIGNMENT	A model can be assigned to an object to provide its detailed specification.

3.3.ABBREVIATIONS

The below table contains some ARIS terms that helps in understanding the concept of ARIS conventions:

ABBREVIATION	DEFINTION
ARIS	Architecture of Integrated Information System
EMS	Enterprise Management System
VACD	Value Added Chain Diagram
BPMN	Business Process Model and Notation
ID	Identifier
DB	Database
GUID	Global Unique Identifier
TAD	Task Allocation Diagram
PAD	Process Allocation Diagram

3.4. NAMING CONVENTIONS

3.4.1. IMPORTANCE OF NAMING CONVENTIONS

The importance for naming conventions comes from the following:

- Important when creating copies of the object.
- Searching the database for objects and Models.
- Consolidating objects.
- Duplication free implementation on the database.

3.4.2. RULES OF NAMING CONVENTIONS

The following rules should be followed in naming during ARIS implementation:

- Clear and short names (to the point).
- Easy to understand.
- Overuse upper-case in naming is not recommended.

3.4.3. NAMING MODELS

The conventions for naming models:

- Model names should have business meaning.
- Subordinate models should have the same name as the originating object when linking models.
- Avoid using special characters, numbers or letters that depict relationships as it is redundant to the capabilities inherent to ARIS and can cause future rework as you refine models and structures.

3.4.4. NAMING PROCESSES

Rules of naming conventions for processes:

- Avoid redundant verbs (e.g. Execute order processes).
- The operative verb should not be a weak verb (e.g. process, manage, execute, and perform).
- Name the actual business process using terminology that defines the required business outcome rather than using the technical term that describes how a system implements the process.

As for process steps the following are to be considered:

- Use rules such as (XOR, OR, And) instead of including the terms in the step itself.
- Avoid turning a noun into a verb (e.g. 'approve order' not 'complete order approval').
- Strive for names that are specific (e.g. "Process document" is too generic, and could be applied to almost anything. Rather use something like "Verify invoice").

3.4.5. NAMING EVENTS

The following rules should be taken into consideration when defining Events in an EPC:

- Use it as an Information object.
- Could reflect a change of status.
- The information object would normally be an object contained within an information carrier object (e.g. 'Customer invoice') and will be referenced within the preceding Process.
- Considered a triggering event to start executing the process.

3.4.6. NAMING GROUPS

The Group Structure in MODEE follows the below main structure with sub groups:

- Organizational Architecture View.
- Data Architecture View.
- Process Architecture View.
- Service Architecture View.
- Reference Models.

3.5. NUMBERING CONVENTIONS

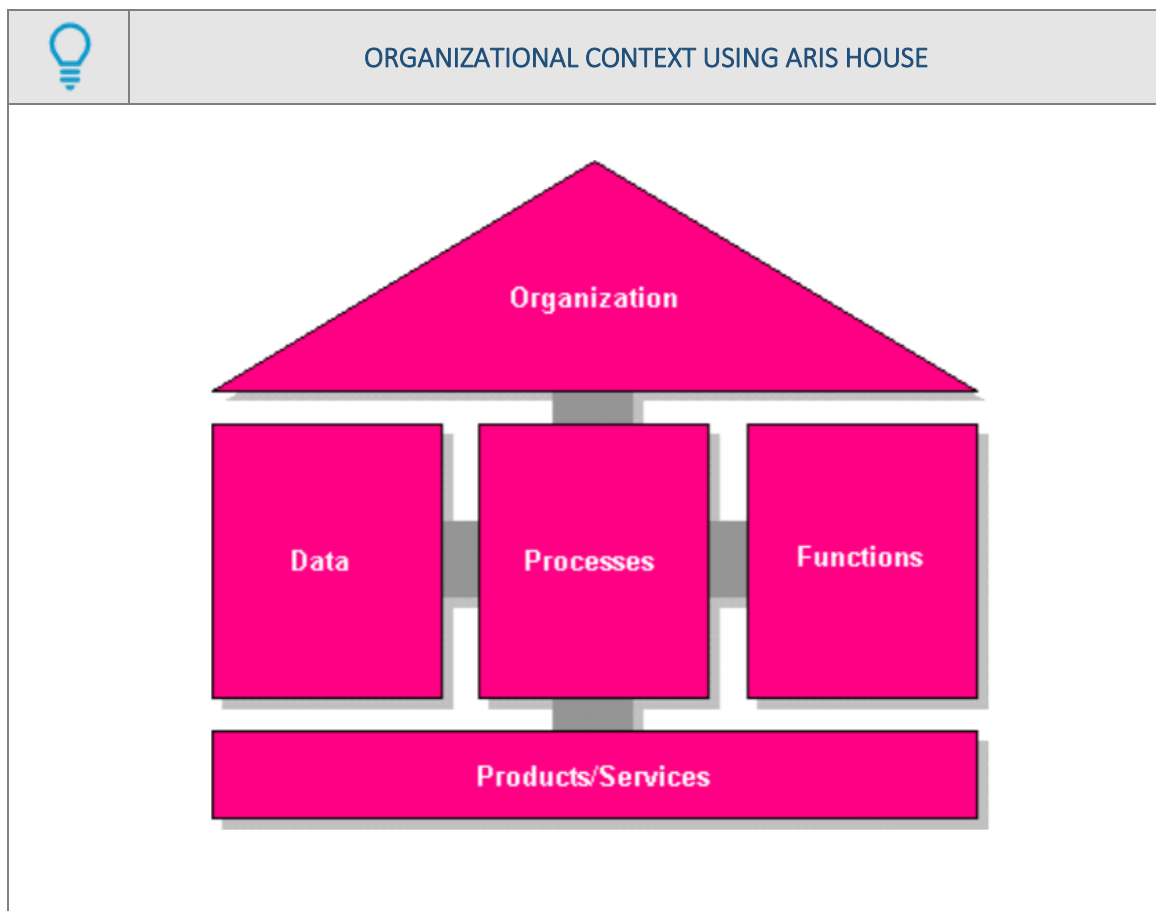
The numbering conventions are applicable for process architecture and will be maintained in the Identifier attribute. IDs shall be unique over the database (no process ID duplication).

4. ORGANIZATIONAL CONTEXT

4.1. INTRODUCTION

ARIS as an EMS represents the integration between multiple organizational views to produce a holistic organizational context outlook. Each Organizational view broken down into sub views (Models), which include the organizational elements (Objects) connected with each other in a specific relationship (connection).

Due to this breakdown, the user will be able to describe the content of each view by the suitable method to get a consistent description of a business context and identify the future improvements. Thus, the ARIS concept is a framework for developing and optimizing integrated information systems and for describing their implementation.



Implementing the Organizational context Repository is considered a crucial activity. It begins by implementing library items such as applications, documents, roles, data, performance measure and risks. Then moving to implementing other areas such as processes, services, and organizational structure. ARIS House is represented by the Structing Model. It provides a graphical representation, which is the landing page and access to organizational chart, requirements, processes, regulations, policies, risks, services and more as seen in the figure below











ORGANIZATIONAL CONTEXT USING ARIS




Note: This is a preliminary design represents default ARIS Business Context design and describes the overall business context views. This model is subject to change during project implementation.

The table below describes the organizational view and sub-views that will represent the architecture of Organizational context of MODEE and each government entity in ARIS Database.


#	Symbol	Type	Description
1	 RISKS	Risks	Contains the Risks in all types
2	 ORGANIZATIONAL CHART	Organizational Structure	Describes the structure of the organization depicting the different correlations between organizational unit levels such as sector, departments, and sections in addition to the relation with and between positions, roles, business location.
3	 REQUIREMENTS	Projects	Contains the project requirements initiated by MODEE
4	 ENTERPRISE STRATEGY	Enterprise strategy	Contains the strategy maps relevant to the governmental entities
5	 PRODUCTS & SERVICES	Services	Contains the Services relevant to the governmental entities
6	 BUSINESS PROCESSES	Process Architecture	Contains all processes from level 0 to 3
7	 IT SYSTEMS	Applications	Describes the structure of the systems, applications and servers.
8	 REGULATIONS	Regulations	Describes the regulations relevant to the governmental entities
9	Data	Data	Describes the data relevant to governmental entity

4.2.MODELS LIST ACCORDING TO CONTEXT VIEW

Below table describes Business Context Views and selected models in each view:

 MODELS LIST ACCORDING TO CONTEXT VIEW			
View	#	Model Type	Model Description
ORGANIZATION	1	Organizational Chart	The objective of this Model Type is to represent the organizational structure of the government Entity's Business Units (e.g., Sectors, departments, Sections, Units) and the relationships between those Business Units.
DATA	1	Documents	This model is used to implement Documents and folders.
	2	KPI Tree	This model is used to implement performance measures.
	3	Technical Terms Model	The objective is to create a glossary of the terms used in an organization. The terms are defined, delineated from one another or related to one another (e.g., synonyms). It is also possible to map technical terms to semantic data objects.
	4	Risk Diagram	This model is used to represent the hierarchical structure of risk categories, the assignment of risks to risk categories, and the hierarchical structure of risks themselves.
	5	IE Data Model	The IE (Information Engineering) data model is a graphical description language for semantic data models. The central object type is the Entity type. In contrast to the eERM, relationships between entity types are represented by connections.
	6	Regulations Model	Used to define entity laws and regulations, which describes the governing rules, policies and directives made, maintained, or followed by an authority.
	7	Screen Diagram	Used to identify the target cluster for each screen
PROCESSES	1	Customer Journey Map	<p>Enables user to describe a customer journey by depicting the customer journey steps and touchpoints that characterize the customer's interaction with the company.</p> <p>User can add details to each touchpoint by specifying the corresponding KPIs, the organizational responsibilities, and the related initiatives and risks. If there is more than one touchpoint per customer journey step (e.g., multiple channels), creating a detailed description requires that you assign a Customer touchpoint allocation diagram to each of the touchpoints. If you do not assign an allocation diagram to a given touchpoint, all objects below that touchpoint will be used for all touchpoints in the relevant step.</p> <p>And they are five models for the Customer journey map:</p> <ul style="list-style-type: none"> Customer journey Map Customer journey Landscape Customer Segmentation Map Customer Touchpoint Allocation Diagram Customer Touchpoint Map
	2	KPI Allocation Diagram	<p>A model of this type is usually assigned to an objective, a success factor, or a risk and describes the corresponding KPIs, the organizational elements responsible, and the initiatives that influence goal accomplishment and risks. The origin of the data for the KPI can also be modeled.</p> <p>In the KPI allocation diagram for a Balanced Scorecard, strategically relevant objectives or critical success factors can be assigned both the</p>

 MODELS LIST ACCORDING TO CONTEXT VIEW			
View	#	Model Type	Model Description
			<p>KPIs for assessing the achievement of objectives and the initiatives to be performed.</p> <p>In the KPI allocation diagram for risk management, KPIs and initiatives to be performed are assigned to a risk. Furthermore, organizational responsibilities for objectives, success factors, initiatives, or risks can be illustrated.</p>
	3	Enterprise BPMN Collaboration Diagram	<p>This model type can be used to represent control flows and message flows between partners involved in collaborative processes. Compared to the EPC there are many specific events, but limited options for modeling relationships with objects of other views.</p> <p>Implementation of this model type is based on the following OMG specification: Business Process Modeling Notation (BPMN) - FTF Beta 1 for Version 2.0 (OMG document number: dtc/2009-08-14).</p> <p>The main purpose of the BPMN collaboration diagram is to model the interactions between so-called participants, especially in a B2B context. Participants are persons involved in a process and are represented by means of pools. Interactions between the pools are mapped by message flows (message exchanges). A collaboration can contain processes and theoretically also choreographies. Given the fact that choreographies are irrelevant for process modeling conformance they have not been implemented yet.</p>
	4	TAD/PAD	<p>Originally called Function Allocation diagram. Divided to Two model Types to distinguish between Process and Activity. Since both has the same objective and same nature.</p> <p>An FAD is usually assigned to a Function and is used to reduce the complexity of Process, Function allocation diagrams can be used to separately illustrate the objects that are assigned to objects of the Function type. In addition to the event control, the transformation of input data into output data and the representation of data flows between Functions also form a link between the data view and the Function view in the ARIS concept. The transformation of input data into output data can be illustrated in so-called Function allocation diagrams (I/O) which basically correspond to pure input/output diagrams used in other methods.</p>
	5	Project Schedule	This model is used to implement the project plan with related dates.
	6	SWOT Diagram	This model is used to implement the SWOT analysis.
	7	Service Tree	This model is used to implement the services hierarchy tree
	8	Strategy Diagram	This model is used to implement the governmental entities strategy of vision, mission and objectives tree
	9	Structuring Model	This model is used to implement the main objects in the database
	10	VACD	Value added chain diagram (VACD) is used to implement and show the relationships between the main and sub processes levels which can be divided into multiple levels, L0, L1, L2, L3
	11	Analysis Model	This model is used to identify the improvement potential for the gaps.
	12	EPIC Model	This model is used to document the details user stories.
	13	Decision Requirements Diagram (DRD Diagram)	DRD model is used to show the decisions and its related input and output
	14	DMN Decision Table	This Model is a table include input and output and annotation.
	15	MOM Diagram	This Model used to document discussed in the meeting and meeting agenda and actions items.


 MODELS LIST ACCORDING TO CONTEXT VIEW			
View	#	Model Type	Model Description
FUNCTIONS	1	Application System Type Diagram	This model is used to implement the IT applications of an entity.
	2	Requirements Tree	This model is used to implement the requirements hierarchy of a project.
	3	Work Breakdown Structure (WBS)	WBS model is used to show the initiative with its relevant projects.
PRODUCT/SERVICE	1	Service Canvas	This Model is used to implement the service details

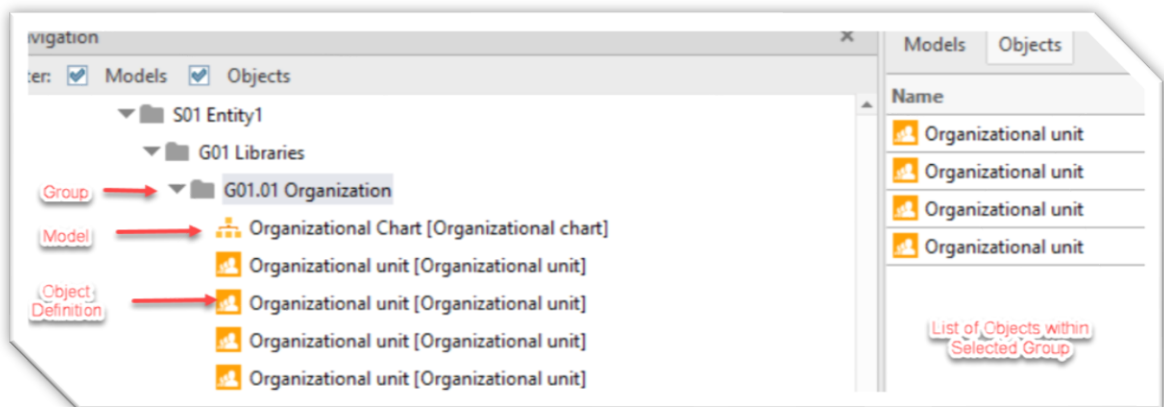
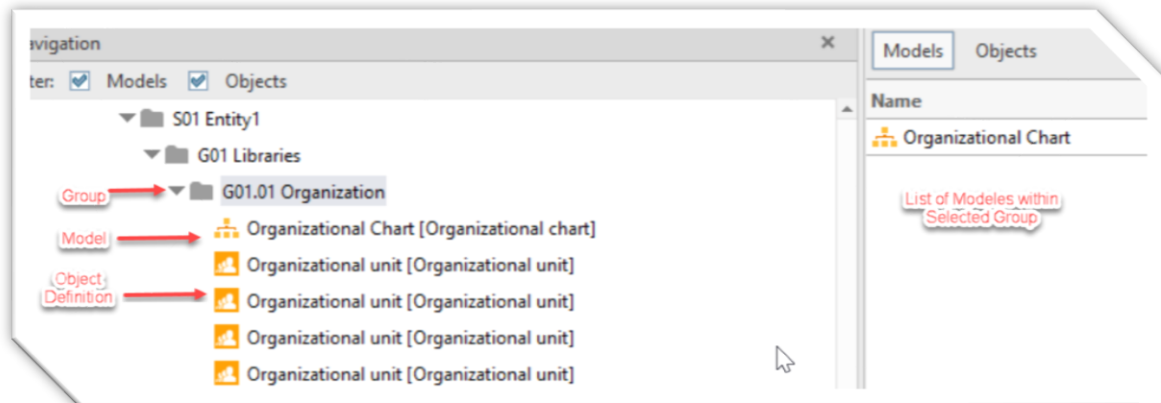
5. ARIS DATABASE ARCHITECTURE

5.1.INTRODUCTION

ARIS Database consist of tree of Groups and subgroups classified according the approved Data Architecture. Each group will contain the following:

1. Architectural Elements which called (Building Blocks) which called as Objects Definitions
2. Sub-Views Which called Models. Model contains the following:
 - a. Copy of the Object definitions called Object occurrences
 - b. Object relationships called Connection occurrences.

	SAMPLE GROUP CONTENTS
---	-----------------------

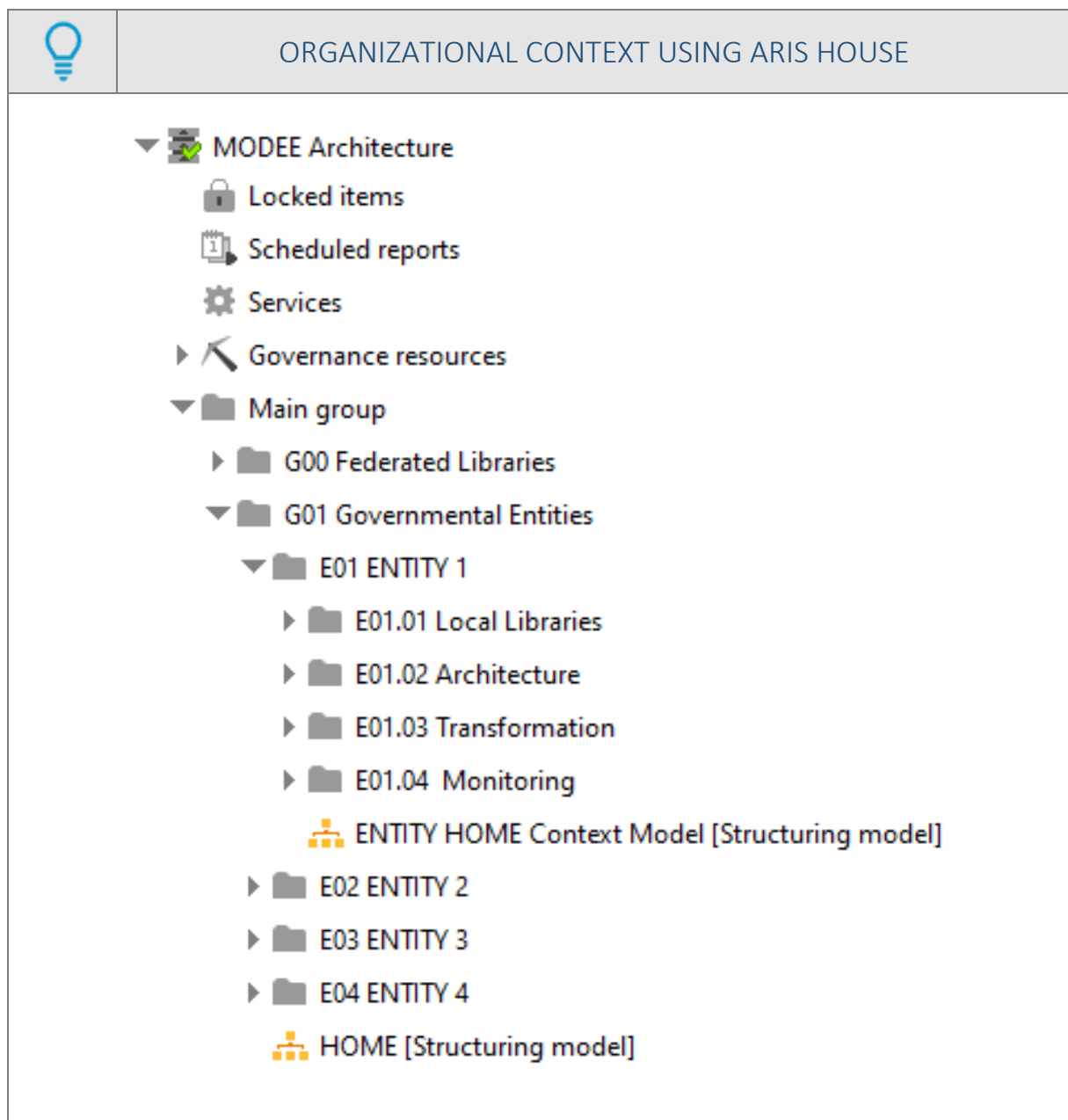


5.2.GROUPING STRUCTURE

This section describes the Group structure in “MODEE ARCHITECTURE” database which located in the default Tenant in <https://bpm.gov.jor/#default>

5.2.1. GROUPING HIGH LEVEL ARCHITECTURE

The following Figure describes the high-level Architecture of Group structure in MODEE Architecture database:





GROUPING HIGH LEVEL ARCHITECTURE

Main Group

ROOT, originally called “Main Group”, A mandatory group created when the ARIS Database is created. it is the root group (as the C drive in the PC). This group contains “Federated Libraries” and “Governmental Entities” group which will include “initially” the following Childs:

CODE	NAME
G00	Federated Libraries
G01	Governmental Entities

G00

Federated Libraries

The Main Group of Federated Libraries, each site will include the following Sub-group (Child):

CODE	NAME
G00.01	Governmental Institutions
G00.02	Sectoral Classification
G00.03	Customers Categories
G00.04	Documents
G00.05	Legislation
G00.06	Shared Channel

G01

Governmental Entities

This group contains “entities” group which will include “initially” the following Childs (each site represents a government entity).

CODE	NAME
E01	MOLA
E02	GAM
E03	MIT
E04	MOH
E05	HIA

E01

ENTITIES

The Main Group of each government Entity, each site will include the following Sub-group (Child):

CODE	NAME
E01.01	Local Libraries
E01.02	Architecture
E01.03	Transformation
E01.04	Monitoring



GROUPING HIGH LEVEL ARCHITECTURE

E01.01

Local LIBRARIES

Include the supportive organizational Elements of each government entity, each library will include the following Childs:

CODE	NAME
E01.01	Organization
E01.02	Data Portfolio
E01.03	Regulations
E01.04	Application Portfolio
E01.05	Governance
E01.06	CHANNELS

Note: Further details about this group and its Childs will be described in **5.2.2. LIBRARIES GROUPING ARCHITECTURE**

E01.02

ARCHITECTURE

The purpose of this group is to categorize and classify the Architectural views and Building Blocks. This group consist of the following Childs:

CODE	NAME
E02.01	Process Architecture
E02.02	Service Architecture
E02.03	Customer Experience

Note: Further details about this group and its Childs will be described in **5.2.3. ARCHITECTURE GROUPING STRUCTURE**

E01.03

TRANSFORMATION

The purpose of this group is to list and manage Business Transformation activities. This Group will include Business Process Reengineering Strategy (Strategy Group), Business Requirements management (Design), Business Process Reengineering Projects Planning (Transition Group)

CODE	NAME
E03.01	Strategy
E03.02	Design
E03.03	Transition

Note: Further details about this group and its Childs will be described in **5.2.4. TRANSFORMATION GROUPING STRUCTURE**



GROUPING HIGH LEVEL ARCHITECTURE

E01.04

MONITORING

The Purpose of this group is to list and manage the performance measure of the entire site (Government Entity). The following Childs will be included:

CODE	NAME
E04.01	Strategy Performance Indicators
E04.02	Process Performance Indicators
E04.03	Service Performance Indicators
E04.04	Project Performance Indicators

Note: Further details about this group and its Childs will be described in **5.2.5. MONITOING GROUP STRUCTURE**

5.2.2. LOCAL LIBRARIES GROUPING ARCHITECTURE

The purpose of this section is to break down “LOCAL LIBRARIES” grouping architecture to the smallest building blocks of MODEE ARCHITECTURE Database.

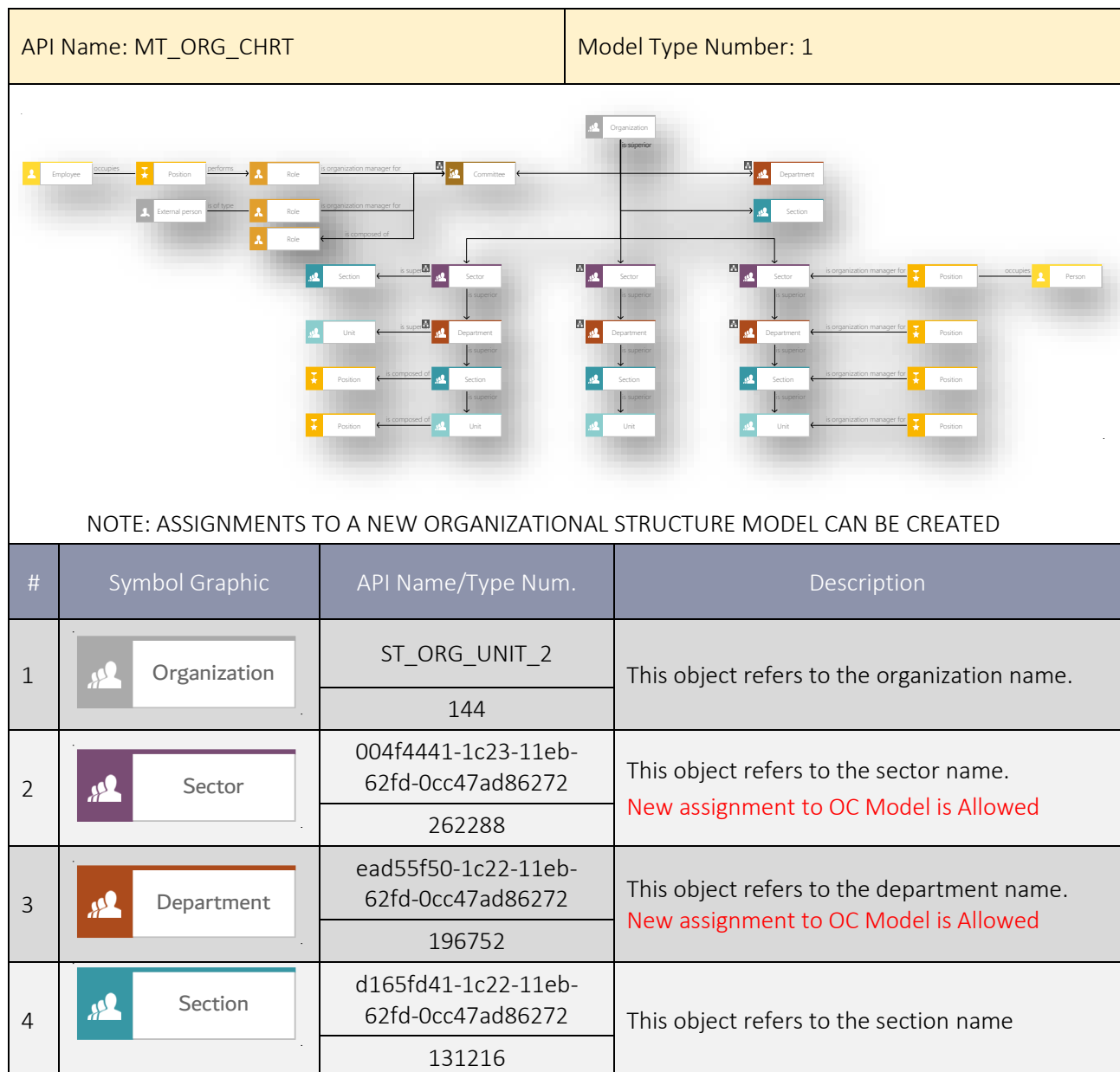
As described in the Grouping High Level Architecture Table – E01.01, this group has five childs described as below:






5.2.2.1. ORGANIZATION GROUP

The Purpose of this group is to create a Grouping space for Organization View. This group contains four child groups as described below:

5.2.2.1.1. ORAGNIZATIONAL STRUCTURE MODEL

The objective of this Model Type is to represent the organizational structure of the government Entity's Business Units (e.g., Sectors, departments, Sections, Units) and the relationships between those Business Units. This Model Type includes occurrences of the specified object types below.



5	 Unit	c1142200-1c22-11eb-62fd-0cc47ad86272	This object refers to the unit name
		65680	
6	 Position	ST_POS	The authorities and responsibilities of a position are usually specified in so-called position descriptions.
		143	
7	 Person	ST_PERS_INT	Persons are employees of a company who can usually be identified by a personnel number. Persons can be assigned to the organizational units to which they belong and to the functions they carry out or for which they are responsible.
		2	
8	 Group	ST_GRP	This object refers a group of employees (persons) collaborating for a certain period of time in order to perform specific tasks. New assignment to OC Model is Allowed
		209	
9	 External Role	ST_PERS_EXT	This object refers to the external person collaborating g for a certain period to perform specific task.
		58	

Possible Object Relations









Objects Types

#	Type Number	API Name	Object Name
1	43	OT_ORG_UNIT	Organizational Unit
2	128	OT_GRP	Group

3	45	OT_POS	Position
4	78	OT_PERS_TYPE	Role
5	46	OT_PERS	Person




5.2.2.1.2. ROLES

The objective of this Model Type is to represent internal and external roles associated with each entity. This Model Type includes occurrences of the specified object types below.

API Name: MT_ORG_CHRT		Model Type Number: 1	
<div><div><div>Role</div><div>External Role</div></div><div><div>Role</div><div>External Role</div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div>Role</div>	ST_EMPL_TYPE	This object will be used to represent internal roles in the entity.
		78	
2	<div>External Role</div>	ST_PERSON_TYPE	This object might be used to represent the external entities ‘actors involved in activity execution.
		1142	
Possible Object Relations			
Currently No Relationships between Object Occurrences in this Model Type This may change in the future, hence make sure that you are using the latest version of the Convention Manual			
Objects Types			
#	Type Number	API Name	Object Name
1	78	OT_PERS_TYPE	Role




5.2.2.1.3.PERSON

The objective of this Model Type is to represent the customer segments. This Model Type includes occurrences of the specified object types below.

API Name: MT_ORG_CHRT		Model Type Number: 1	
<div><div> Internal person</div><div> Internal person</div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	 Internal person	ST_PERS_INT	This object represents the internal employee Details. Such Name, Login Name, email address, etc.
		2	
Possible Object Relations			
Currently No Relationships between Object Occurrences in this Model Type This may change in the future, hence make sure that you are using the latest version of the Convention Manual			
Objects Types			
#	Type Number	API Name	Object Name
1	46	OT_PERS	Person

5.2.2.1.4.POSITION

The objective of this Model Type is to represent the positions associated in each entity. This Model Type includes occurrences of the specified object types below.









API Name: MT_ORG_CHRT		Model Type Number: 1	
<div><div><div><div></div><div>Position</div></div></div><div><div><div></div><div>Position</div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div><div></div><div>Position</div></div></div>	ST_POS	The authorities and responsibilities of a position are usually specified in so-called position descriptions
		143	
Possible Object Relations			
Currently No Relationships between Object Occurrences in this Model Type This may change in the future, hence make sure that you are using the latest version of the Convention Manual			
Objects Types			
#	Type Number	API Name	Object Name
1	45	OT_POS	Position

5.2.2.2. DATA PORTFOLIO ORGANIZATION GROUP

The purpose of this group is to categorize and classify data architectures used in the specific site (government entity). This group consists of multiple Childs to categorize and classify the data types according to Business Architect needs. Finally, these subgroups (Childs) will contain the following Model Type and Objects Types:

5.2.2.2.1. DOCUMENTS



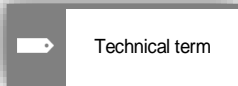
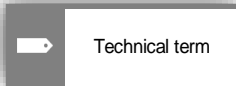

The objective of this Model Type is to represent a hierarchical structure of information carrier data types.

API Name: MT_INFO_CARR_DGM		Model Type Number: 70	
<div><div><div> Document</div><div> Electronic document</div></div><div><div> Form</div><div> Cluster</div></div></div>			
#	Symbol Graphic	API Name/ Type Num.	Description
1	<div><div></div><div>Document</div></div>	ST_DOC	An occurrence of information carrier Object Type. It is a method to keep (store) information. It exists in the form of a card file, form, or computer file.
		29	
2	<div><div></div><div>Electronic document</div></div>	ST_INFO_CARR_EDOC	An occurrence of information carrier Object Type. It is a method to keep (store) information. It exists in the form of a card file, form, or computer file.
		729	
3	<div><div></div><div>Form</div></div>	ST_FILE	An occurrence of information carrier Object Type. It is a method to keep (store) information. It exists in the form of a card file, form, or computer file. A new assignment to Screen Diagram and IE data model is allowed for this object type.
		28	
4	<div><div></div><div>Cluster</div></div>	ST_CLST	Clusters can be used to represent business objects (such as order, customer ID, etc.) at the design level, for example as input and output in process models.
		13	

			A new assignment to Screen Diagram and IE data model is allowed for this object type.
Possible Object Relations			
Currently No Relationships between Object Occurrences in this Model Type This may change in the future, hence make sure that you are using the latest version of the Convention Manual			
Objects Types			
#	Type Number	API Name	Object Name
1	14	OT_CLST	Cluster/Data model
2	27	OT_INFO_CARR	Information carrier





5.2.2.2.2. TECHNICAL TERM MODEL

The primary objective is to create a glossary of the terms used in an organization. The terms are defined, delineated from one another or related to one another (e.g., synonyms). It is also possible to map technical terms to semantic data objects

API Name: MT_TECH_TRM_MDL		Model Type Number: 22	
<div><div></div><div></div><div></div><div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1		ST_TECH_TERM	Technical terms represent the terminology that exists in a company to describe the information objects under consideration
		54	
Possible Object Relations			
Currently No Relationships between Object Occurrences in this Model Type This may change in the future, hence make sure that you are using the latest version of the Convention Manual			
Objects Types			
#	Type Number	API Name	Object Name
1	58	OT_TECH_TRM	Technical Term

5.2.2.2.3. SCREEN DIAGRAM

The primary objective is to create the screen and the related electronic form.

API Name: MT_SCRN_DGM		Model Type Number: 2	
<div><div> Screen</div> → <div> Cluster</div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div> Screen</div>	ST_SCRN	Customized object used to link the specified user story to the screen design
		39	
2	<div> Cluster</div>	ST_CLST	This Object might be used to represent the Data clusters used in the activity.
		13	
Possible Object Relations			
Currently No Relationships between Object Occurrences in this Model Type			
This may change in the future, hence make sure that you are using the latest version of the Convention Manual			
Objects Types			
#	Type Number	API Name	Object Name
1	Screen	OT_SCRN	31
2	Electronic Form	OT_CLST	14

5.2.2.3. REGULATION GROUP

The purpose of this Group is to represent Regulations in the Data View. This group describe the governing rules, policies and directives made, maintained, or followed by an authority. The smallest building block is a Technical Term as object Type and represented by Regulation Symbol.

5.2.2.3.1. REGULATION MODEL

Regulation Model, used to define entity laws and regulations, which describes the governing rules, policies and directives made, maintained, or followed by an authority. The smallest building block is a Technical Term as an Object Type and represented by Regulation Symbol.










API Name: 40cb65d1-1c82-11eb-62fd-0cc47ad86272		Model Type Number: 65558	
<div><div><div><div><div></div><div>Regulation</div></div><div></div></div><div>encompasses</div><div><div><div></div><div>Terms and Acronyms</div></div><div></div></div><div>has relation with</div><div><div><div></div><div>Terms and Acronyms</div></div><div></div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div><div><div></div><div>Regulation</div></div><div></div></div></div>	f73cf50-e6fd-11ea-62fd-0cc47ad86272	This object might be used to represent the governing laws and regulations in the related government Entity. Assignment to Regulation Model is allowed
		65590	
2	<div><div><div><div></div><div>Terms and Acronyms</div></div><div></div></div></div>	ST_TECH_TERM	This object might be used to represent the articles related to laws and regulations in the related government Entity
		54	
Possible Object Relations			
The possible relationship is presented in the diagram above			
Objects Types			
#	Type Num	API Name	Object Name
1	58	OT_TECH_TRM	Technical Term




5.2.2.4. APPLICATION PORTFOLIO GROUP

The Purpose of this group is to categorize and classify Application Architecture used in the specific site (government entity). This group has only one child as described below:

5.2.2.4.1. APPLICATION SYSTEM TYPE DIAGRAM

This model type is primarily used in Enterprise Architecture projects for landscaping the application architectures, this includes the classification of software systems or software of represented in a hierarchical structure.

API Name: MT_APPL_SYS_TYPE_DGM		Model Type Number: 21	
<div><div><div><div>Application system class</div><div>Application system type</div></div><div><div><div>encompasses</div><div>Module type</div></div><div><div><div>encompasses</div><div>IT function type</div></div></div><div><div><div>encompasses</div><div>Software service type</div></div><div><div><div>encompasses</div><div>Software service operation type</div></div></div></div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div>Application system class</div></div>	ST_APPL_SYS_CLS	An application system class specifies application systems that are based on precisely the same technology.
		14	
2	<div><div>Application system type</div></div>	ST_APPL_SYS_TYPE	An application system type specifies individual application systems that are based on precisely the same technology.
		33	
3	<div><div>Module type</div></div>	ST_MOD_TYPE	A module type is a component of an application system type, which is capable of autonomous operation. A module type typifies individual modules based on precisely the same technology.
		41	
		ST_DP_FUNC_TYPE	

4	 IT function type	183	An IT function type, in the sense of a transaction, is the smallest unit of a module type. IT function types are realized as individual program modules and must always be carried out completely to process an individual work step. An IT function type typifies individual IT functions that are based on precisely the same technology.
5	 Software service operation type	ST_SW_SERVICE_OPERATION_TYPE	Software service operation type, is a component of the Application system type diagram, that are based on precisely the same technology.
		1275	
6	 Software service type	ST_SW_SERVICE_TYPE	An IT function type and component of the application system type diagram.
		1274	
Possible Object Relations			
All possible relationships are presented in the graph above			
Objects Types			
#	Type Num	API Name	Object Name
1	7	OT_APPL_SYS_CLS	Application system class
2	6	OT_APPL_SYS_TYPE	Application system type
3	105	OT_DP_FUNC_TYPE	IT function type
4	37	OT_MOD_TYPE	Module Type



5.2.2.5. GOVERNANCE GROUP

5.2.2.5.1. Risk Diagram

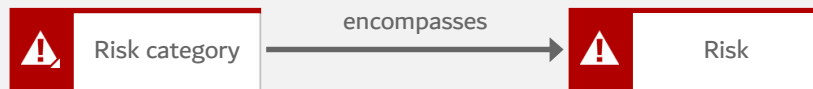
The risk diagram can be used to represent the hierarchical structure of risk categories, the assignment of risks to risk categories, and the hierarchical structure of risks themselves.

API Name: MT_RISK_DGM	Model Type Number: 162
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#	Symbol Graphic	API Name/Type Num.	Description
1		ST_RISK_CATEGORY	A risk category is assigned individual risk in the risk diagram. It thus serves to classify risks
		689	
2		ST_RISK_1	A risk represents the possible danger of a defined process objective not being achieved
		688	

Possible Object Relations



Objects Types

#	Type Num	API Name	Object Name
1	256	OT_RISK_CATEGORY	Risk Category
2	159	OT_RISK	Risk

5.2.2.6. CHANNELS GROUP

5.2.2.6.1. Channels Diagram

The channels diagram can be used to represent the hierarchical structure of channels which shared between entities

API Name: Service Channels		Model Type Number: 262315	
<div><div><div>Entity</div></div><div><div>Channel</div><div>Channel</div><div>Channel</div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div></div><div>Entity</div></div>	Entity	This object might be used to represent the government Entity.
		236	
2	<div><div></div><div>Channel</div></div>	Channel	This object might be used to represent the shared channel between entities.
		132839	
Possible Object Relations			
<div><div><div>Entity</div></div><div>is owner of</div><div><div></div><div>Channel</div></div></div>			
Objects Types			
#	Type Num	API Name	Object Name
1	139	OT_ENT	ENTITY
2	269	OT_SALES_CHAN	CHANNEL

5.2.3. ARCHITECTURE GROUPING STRUCTURE

The purpose of this section is to break down “ARCHITECTURE” grouping structure to the smallest building blocks of MODEE ARCHITECTURE Database.

This group has three child as described in the Grouping High Level Architecture Table – G02

5.2.3.1. PROCESS ARCHITECTURE GROUP

The purpose of this group is to create a tree view of the process architecture for the related site (government entity) to:

- 1- Landscape Entity Process Architecture.
- 2- Document Related Processes

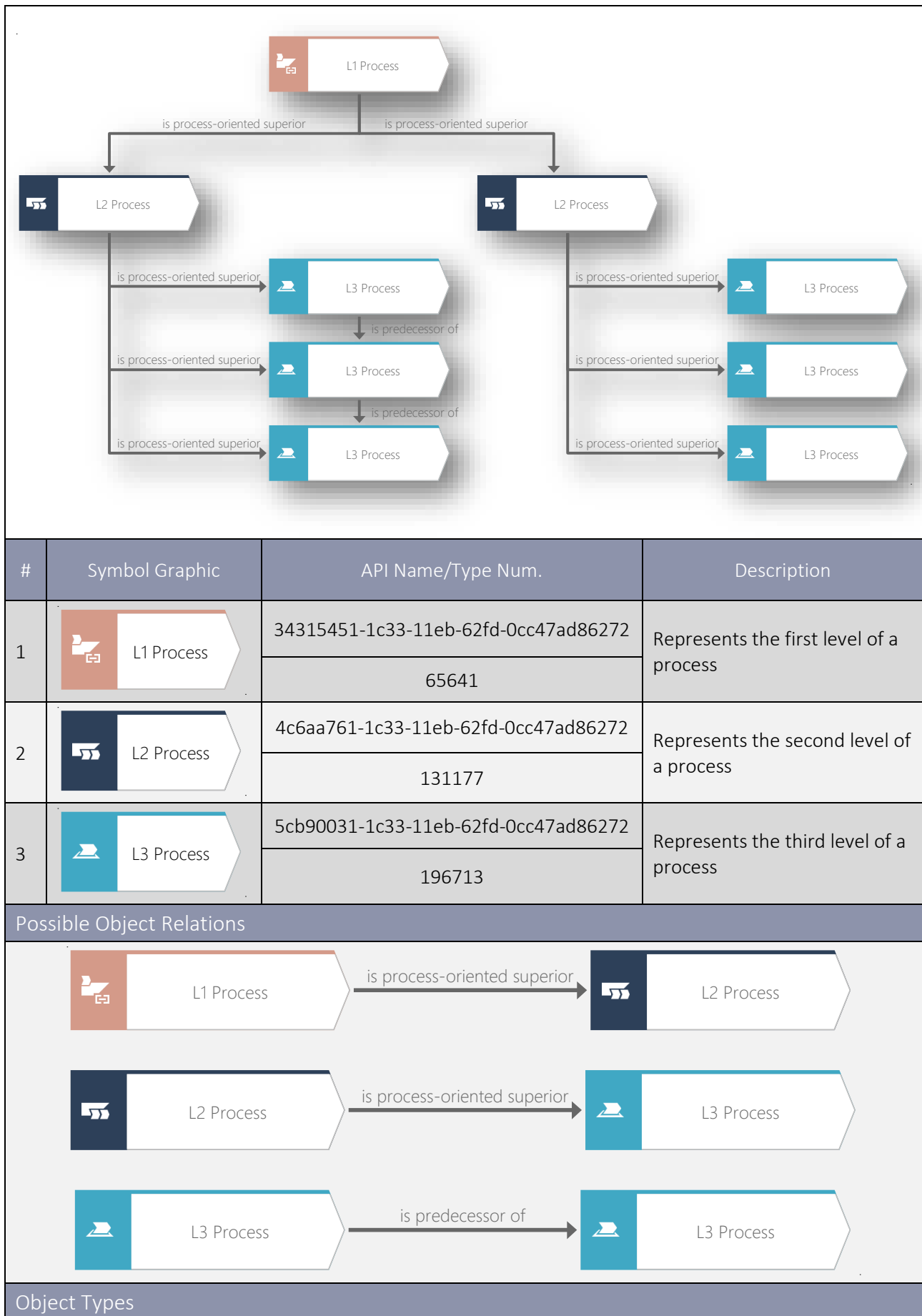
This Group and its subgroups will have the following Model Types:

- 1- Value Add Chain Diagram (VACD)
- 2- Process Allocation Diagram (PAD)
- 3- EBPMN Enterprise BPMN collaboration diagram
- 4- Task Allocation Diagram (TAD)

5.2.3.1.1. VALUE-ADDED CHAIN DIAGRAM

The objective of the value-added chain diagram which encompasses on the following VACDS (VACD L0, VACD L1, VACD L2 and VACD L3) are to provide a general overview of the processes in an organization (process map). They are usually arranged in process categories and placed in a chronological order. They can also have hierarchies based on subprocesses.

API Name: MT_VAL_ADD_CHN_DGM	Model Type Number: 12
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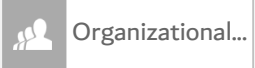



#	Type Num	API Name	Object Name
1	22	OT_FUNC	Function








5.2.3.1.2.PROCESS ALLOCATION DIAGRAM (PAD)


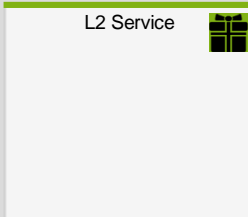
An PAD is usually assigned to a function and is used to reduce the complexity of EPCs and VACDs by transferring a function's relationships to the PAD.

API Name: MT_FUNC_ALLOC_DGM	Model Type Number: 14
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#	Symbol Graphic	API Name/Type Num.	Description
1	 Function	ST_FUNC	The Centralized object in this Model type, which will be linked to other business Objects, hence, will be allocated in the Business Context of the organization.
		335	
2	 Organizational...	ST_ORG_UNIT_2	This object will be used to represent the partnerships with other Government entities
		144	
3	 Sector	004f4441-1c23-11eb-62fd-0cc47ad86272	This object will be used to represent the role of the sector in this process. Two Roles for each organizational Unit in the process: 1- Contribution: when the organizational Unit is contributing of process execution 2- Accountability: when the organizational Unit is owning the Process
		262288	
4	 Department	ead55f50-1c22-11eb-62fd-0cc47ad86272	This object will be used to represent the role of the Department in this process. Two Roles for each organizational Unit in the process: 1- Contribution: when the organizational Unit is contributing of process execution. 2- Accountability: when the organizational Unit is owning the process
		196752	
5	 Section	d165fd41-1c22-11eb-62fd-0cc47ad86272	This object will be used to represent the role of the Section in this process. Two Roles for each organizational Unit in the process: 1- Contribution: when the organizational Unit is contributing of process execution. 2- Accountability: when the organizational Unit is owning the process
		131216	

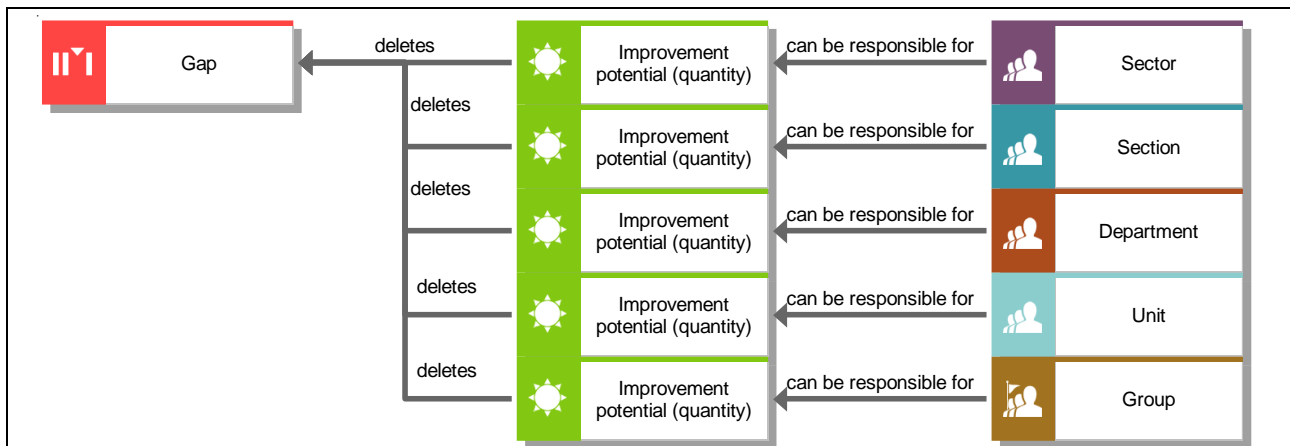
6	 Unit	c1142200-1c22-11eb-62fd-0cc47ad86272	<p>This object will be used to represent the role of the Unit in this process.</p> <p>Two Roles for each organizational Unit in the process:</p> <ol style="list-style-type: none"> 1- Contribution: when the organizational Unit is contributing of process execution. 2- Accountability: when the organizational Unit is owning the Process
		65680	
7	 Group	ST_GRP	<p>This object refers a group of employees (persons) collaborating for a certain period of time in order to perform specific tasks</p>
		209	
9	 Role	ST_EMPL_TYPE	<p>This object will be used to represent the roles that governs and controls process documentation and data quality in the system.</p> <ol style="list-style-type: none"> 1- Prepare: Process Analyst 2- Review: Subject matter Experts (SMEs) 3- Validate: ARIS Architect 4- Approve: Process Owner
		145	
10	 Internal person	ST_PERS_INT	<p>This object will be used to represent the Individual name according to the associated Roles:</p> <ol style="list-style-type: none"> 1- Prepare: Process Analyst 2- Review: Subject matter Experts (SMEs) 3- Validate: ARIS Architect 1- Approve: Process Owner
		2	
11	 Position	ST_POS	<p>This object will be used to represent the Individual Position according to the associated Roles:</p> <ol style="list-style-type: none"> 1- Prepare: Process Analyst 2- Review: Subject matter Experts (SMEs) 3- Validate: ARIS Architect 4- Approve: Process Owner
		143	
12	 Improvement...	ST_IMPROVE_QUAL	<p>This Object will be used to represent the Improvement Proposals that will improve the Process Performance.</p> <p>This object is connected to GAP in the analysis model.</p> <p>Assignment to WBS Model is allowed.</p>
		712	
13	 Gap	ST_GAP	<p>This object will be used to represent the identified process performance gaps.</p> <p>Assignment to analysis model could be assigned to this object type to list required improvement potentials that eliminate this gap.</p>
		1488	

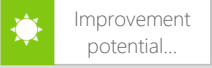
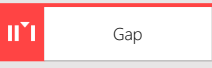





14	 Regulation	c6e76dc0-1c4c-11eb-62fd-0cc47ad86272	This object is used to represent regulations governing the process.
		66059	
15	 L2 Service	74e43b21-e6cd-11ea-62fd-0cc47ad86272	This represents the Services linked with the process.
		196986	
Possible Object Relations			
All possible Relationships represented in the Diagram Above			
Objects Types			
#	Type Number	API Name	Object Name
1	22	OT_FUNC	Function
2	43	OT_ORG_UNIT	Organizational Unit
3	45	OT_POS	Position
4	46	OT_PERS	Employee
5	78	OT_PERS_TYPE	Role
6	254	OT_C3_IMPROVE	Improvement potential
7	397	OT_GAP	Gap
8	165	OT_SECT	Section
9	58	OT_TECH_TRM	Terms and Acronyms
10	46	OT_PERS	Person

5.2.3.1.3.ANALYSIS MODEL

The model represents the actions, gaps and organisational structure amendments. They are represented using the objects and symbols below:

API Name: fdf7fb70-6d2f-11eb-62fd-0cc47ad86272	Model Type Number: 131086
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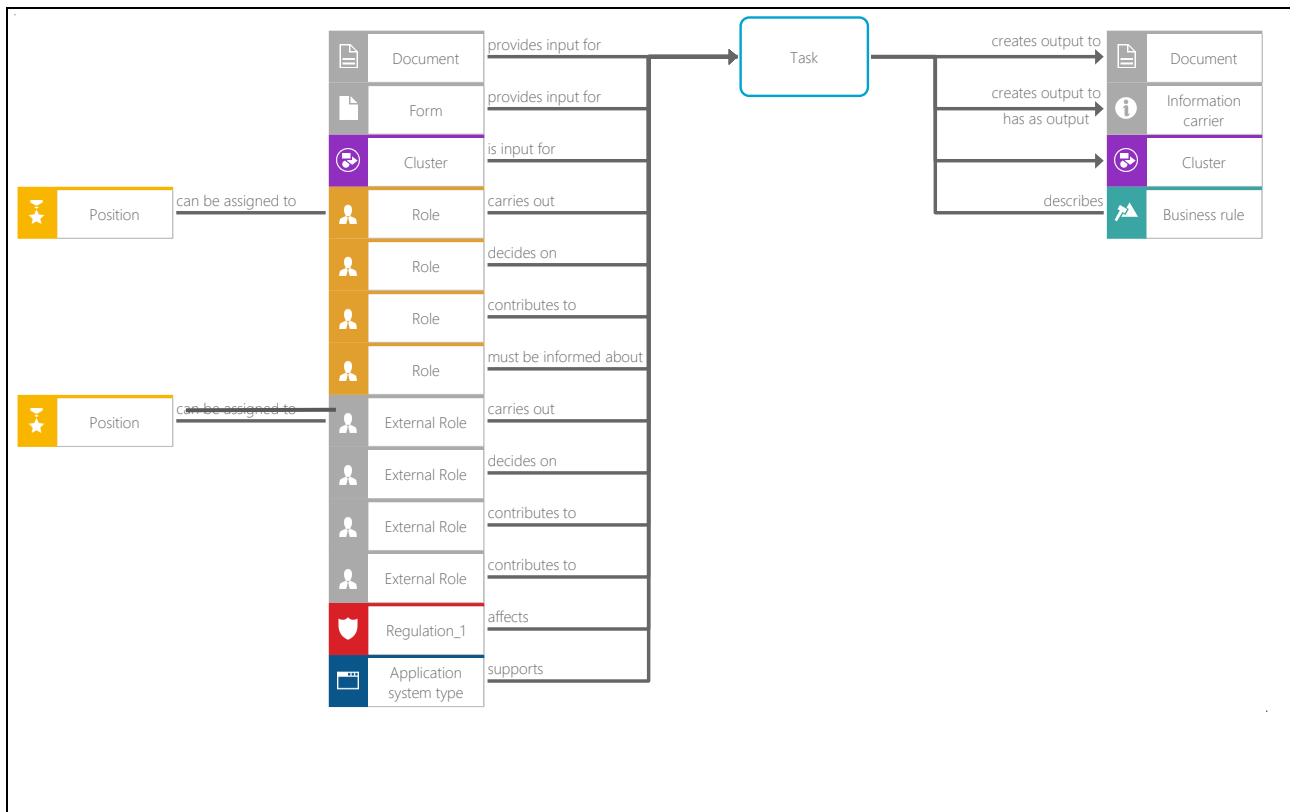
#	Symbol Graphic	API Name/Type Num.	Description
1		ST_IMPROVE_QUAL	This object areas to be examined detail within the scope of Change Management to identify measures for process optimization. Assignment to WBS model is allowed
		712	
2		ST_GAP	This object represents the differences between two states. It represents weaknesses and needed actions on the below levels: 1. Customer Experience 2. Process and Procedures 3. Committees 4. Systems and Documents 5. Stakeholders
		1488	
3		004f4441-1c23-11eb-62fd-Occ47ad86272	This object refers to the sector name.
		262288	
4		ead55f50-1c22-11eb-62fd-Occ47ad86272	This object refers to the department name.
		196752	
5		d165fd41-1c22-11eb-62fd-Occ47ad86272	This object refers to the section name
		131216	
6		ST_GRP	This object refers a group of employees (persons) collaborating for a certain period of time in order to perform specific tasks.
		209	
7		c1142200-1c22-11eb-62fd-Occ47ad86272	This object refers to the unit name
		65680	

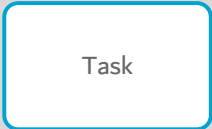
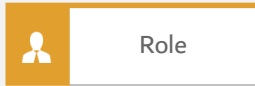
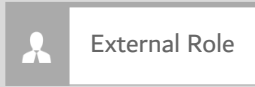
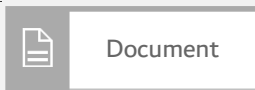
Possible Object Relations			
All possible relationships are present in the diagram above			
Objects Types			
#	Type Num	API Name	Object Name
1	254	OT_C3_IMPROVE	Improvement potential
2	397	OT_GAP	GAP
3	128	OT_GRP	Group
4	43	OT_ORG_UNIT	Organizational unit












5.2.3.1.4.TASK ALLOCATION DIAGRAM (TAD)

A model of this type is usually assigned to a task and describes its context. It can be used to model all relationships that a task can have. The objective is to reduce the complexity of models in which the Task object type occurs.

API Name: 6a3a9151-0fe6-11eb-62fd-0cc47ad86272	Model Type Number: 65550
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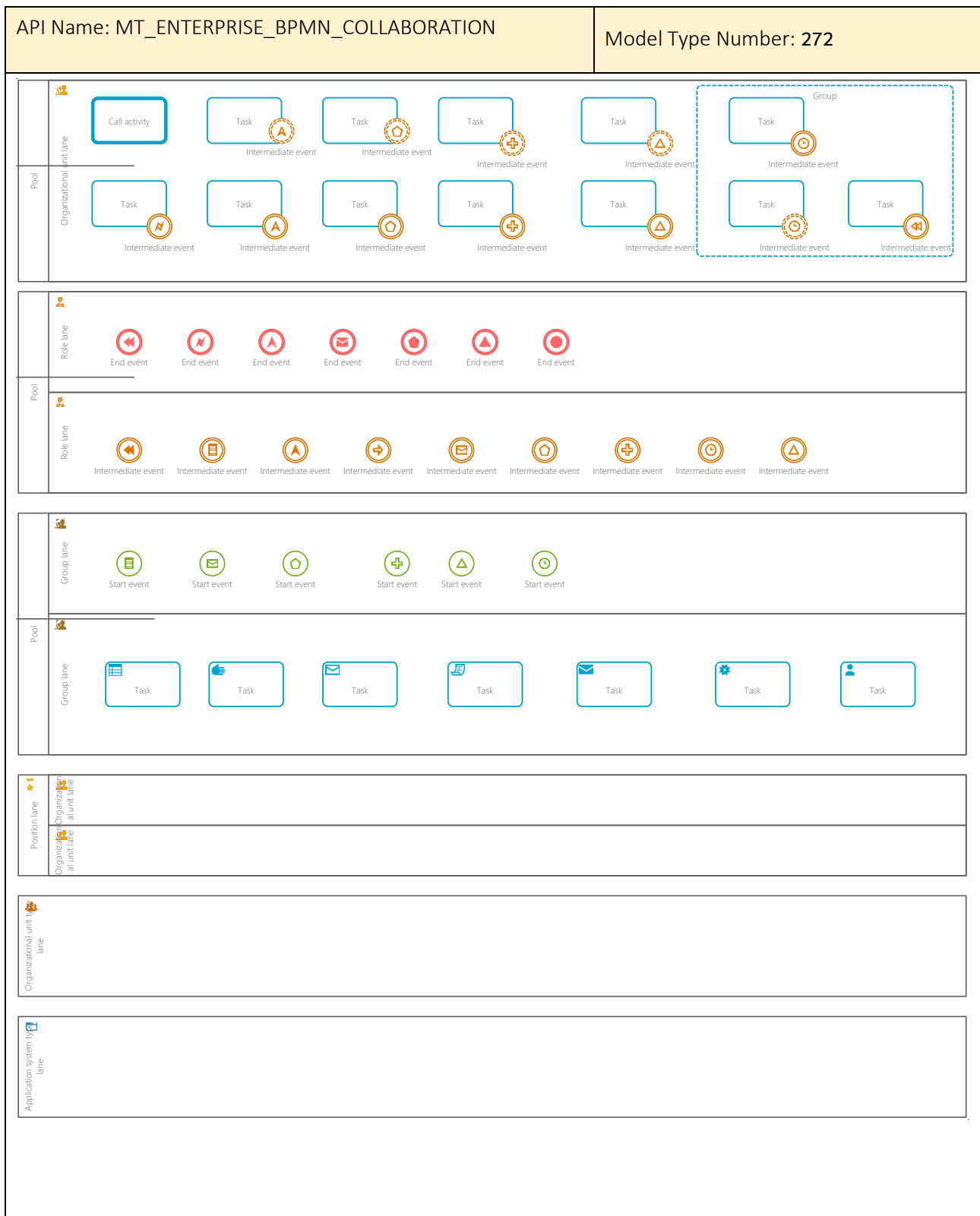
#	Symbol Graphic	API Name/Type Num.	Description																					
1	<div></div>	<p>This is the central Object in TAD, in which all other business objects will be connected to it, hence, the activity will be positioned in the overall Business Context of the entity.</p> <p>There is 8 Task Types in BPMN as follow:</p> <table><tr><td>Business rule task</td><td>1481</td><td>ST_BPMN_BUSINESS_RULE_TASK</td></tr><tr><td>Manual task</td><td>1478</td><td>ST_BPMN_MANUAL_TASK_2</td></tr><tr><td>Receive task</td><td>1482</td><td>ST_BPMN_RECEIVE_TASK</td></tr><tr><td>Script task</td><td>1480</td><td>ST_BPMN_SCRIPT_TASK</td></tr><tr><td>Send task</td><td>1483</td><td>ST_BPMN_SEND_TASK</td></tr><tr><td>Service task</td><td>1484</td><td>ST_BPMN_SERVICE_TASK default</td></tr><tr><td>Task</td><td>1475</td><td>ST_BPMN_TASKARIS default</td></tr></table>	Business rule task	1481	ST_BPMN_BUSINESS_RULE_TASK	Manual task	1478	ST_BPMN_MANUAL_TASK_2	Receive task	1482	ST_BPMN_RECEIVE_TASK	Script task	1480	ST_BPMN_SCRIPT_TASK	Send task	1483	ST_BPMN_SEND_TASK	Service task	1484	ST_BPMN_SERVICE_TASK default	Task	1475	ST_BPMN_TASKARIS default	
Business rule task	1481	ST_BPMN_BUSINESS_RULE_TASK																						
Manual task	1478	ST_BPMN_MANUAL_TASK_2																						
Receive task	1482	ST_BPMN_RECEIVE_TASK																						
Script task	1480	ST_BPMN_SCRIPT_TASK																						
Send task	1483	ST_BPMN_SEND_TASK																						
Service task	1484	ST_BPMN_SERVICE_TASK default																						
Task	1475	ST_BPMN_TASKARIS default																						
2	<div></div>	<table><tr><td>ST_EMPL_TYPE</td><td rowspan="2">145</td><td rowspan="2">This object will be used to represent the Actor Role involved in activity execution.</td></tr><tr><td></td></tr></table>	ST_EMPL_TYPE	145	This object will be used to represent the Actor Role involved in activity execution.																			
ST_EMPL_TYPE	145	This object will be used to represent the Actor Role involved in activity execution.																						
3	<div></div>	<table><tr><td>ST_PERSON_TYPE</td><td rowspan="2">1142</td><td rowspan="2">This object might be used to represent the external entities 'actors involved in activity execution.</td></tr><tr><td></td></tr></table>	ST_PERSON_TYPE	1142	This object might be used to represent the external entities 'actors involved in activity execution.																			
ST_PERSON_TYPE	1142	This object might be used to represent the external entities 'actors involved in activity execution.																						
4	<div></div>	<table><tr><td>ST_DOC</td><td rowspan="2">29</td><td rowspan="2">This object might be used to represent the input or output Manual or computer-based data type of the related activity.</td></tr><tr><td></td></tr></table>	ST_DOC	29	This object might be used to represent the input or output Manual or computer-based data type of the related activity.																			
ST_DOC	29	This object might be used to represent the input or output Manual or computer-based data type of the related activity.																						
5		ST_FILE																						

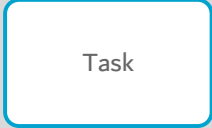

	<div>Form</div>	28	This object might be used to represent the input ONLY Manual or Non-Automated Forms as data type of the related activity.
6	<div>Information...</div>	ST_INFO_CARR	This Object might be used to represent the Acknowledgements, Alerts, Notification produced by the related task.
		218	
7	<div>Electronic...</div>	ST_INFO_CARR_EDOC	This Object might be used to represent the Electronic Documents saved in Document Management Systems.
		729	
8	<div>Cluster</div>	ST_CLST	This Object might be used to represent the Data clusters used in the activity.
		13	
9	<div>Regulation</div>	c6e76dc0-1c4c-11eb-62fd-0cc47ad86272	This object might be used to represent the laws, Regulations which affects the execution of the related activity.
		66059	
10	<div>Business rule</div>	76dfce80-c2ff-11eb-0042-0cc47ad86272	This object might be used to represent business rules that affect the activity.
		66703	
11	<div>Position</div>	ST_POS	This object will be used to represent the Individual Position according to the associated Roles: 1- Prepare: Process Analyst 2- Review: Subject matter Experts (SMEs) 3- Validate: ARIS Architect 4- Approve: Process Owner
		143	
13	<div>Business policy</div>	ST_BUSINESS_POLICY	This symbol represents the business policy the task should adhere to.
		1628	
14	<div>Requirement</div>	ST_REQUIREMENT	The requirements represent the possible requirements need to provide it for the task.
		1306	
15	<div>Risk</div>	ST_RISK_1	A risk represents the possible danger of a defined process objective not being achieved
		688	
16	<div></div>	ST_BPMN_MESSAGE_2	Message object shows the related message for the specified activity.
		1508	
		530	
Possible Object Relations			
All possible Relationships represented in the Diagram Above			
Objects Types			
#	Type Number	API Name	Object Name
1	22	OT_FUNC	Function

2	45	OT_POS	Position
3	78	OT_PERS_TYPE	Role
4	58	OT_TECH_TRM	Technical term
5	14	OT_CLST	Cluster/Data model
6	27	OT_INFO_CARR	Information carrier (3)
7	360	OT_BUSINESS_RULE	Business rule
8	387	OT_REQUIREMENT	Requirement
9	159	OT_RISK	Risk
10	237	OT_POLICY	Policy




5.2.3.1.5. ENTERPRISE BPMN COLLABORATION DIAGRAM


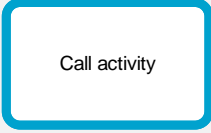

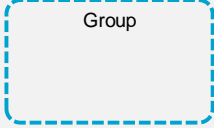
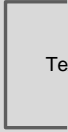

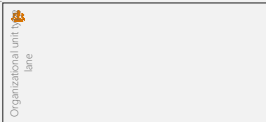

This model type is based on the BPMN collaboration diagram (BPMN 2.0). It enriches this model type with ARIS constructs that are also available in the EPC, but are outside the scope of the BPMN specification. Thus, the following object types can be (re)used as a lane, for example: Application system type, Role, Organizational unit.


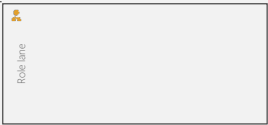
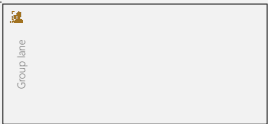
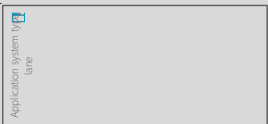



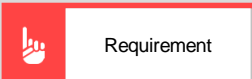
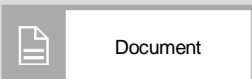
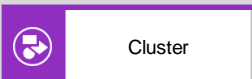


#	Symbol Graphic	API Name/Type Num.	Description
1		<p>Refer to BPMN 2.0 for Task Description</p> <p>There is 8 Task Types in BPMN as follow:</p> <ol style="list-style-type: none"> Business rule task 1481 ST_BPMN_BUSINESS_RULE_TASK Manual task 1478 ST_BPMN_MANUAL_TASK_2 Receive task 1482 ST_BPMN_RECEIVE_TASK Script task 1480 ST_BPMN_SCRIPT_TASK Send task 1483 ST_BPMN_SEND_TASK Service task 1484 ST_BPMN_SERVICE_TASK Task 1475 ST_BPMN_TASK <p>Assignments to DMN Context Diagram is allowed</p>	
2		<p>The following Start Event Types are Available:</p> <ol style="list-style-type: none"> Compensation start event 1455 ST_BPMN_COMPENSATION_START Conditional start event 1538 ST_BPMN_RULE_START_EVENT Conditional start event (non-interrupting) 1457 ST_BPMN_CONDITIONAL_START_NI Error start event 1448 ST_BPMN_ERROR_START Escalation start event 1449 ST_BPMN_ESCALATION_START Escalation start event (non-interrupting) 1450 ST_BPMN_ESCALATION_START_NI Message start event 1536 ST_BPMN_MESSAGE_START_EVENT Message start event (non-interrupting) 1443 ST_BPMN_MESSAGE_START_NI Multiple start event 1539 ST_BPMN_MULTIPLE_START_EVENT Multiple start event (non-interrupting) 1465 ST_BPMN_MULTIPLE_START_NI Parallel multiple start event 1468 ST_BPMN_PARALLEL_MULTIPLE_START Parallel multiple start event (non-interrupting) 1469 ST_BPMN_PARALLEL_MULTIPLE_START_NI Signal start event 1555 ST_BPMN_SIGNAL_START_EVENT Signal start event (non-interrupting) 1460 ST_BPMN_SIGNAL_START_NI 	

		15- Start event 1519 ST_BPMN_START_EVENT 16- Timer start event 1537 ST_BPMN_TIMER_START_EVENT
3	 Intermediate event	1- Cancel intermediate event 1542 ST_BPMN_CANCEL_INTERMEDIATE_EVENT 2- Compensation intermediate event (catch) 1456 ST_BPMN_COMPENSATION_INTERMEDIATE_CATCH 3- Compensation intermediate event (throw) 1474 ST_BPMN_COMPENSATION_INTERMEDIATE_THROW 4- Conditional intermediate event 1543 ST_BPMN_RULE_INTERMEDIATE_EVENT 5- Conditional intermediate event (non-interrupting) 1458 ST_BPMN_CONDITIONAL_INTERMEDIATE_NI 6- Error intermediate event 1541 ST_BPMN_ERROR_INTERMEDIATE_EVENT 7- Escalation intermediate event (catch) 1451 ST_BPMN_ESCALATION_INTERMEDIATE_CATCH 8- Escalation intermediate event (non-interrupting) 1452 ST_BPMN_ESCALATION_INTERMEDIATE_NI 9- Escalation intermediate event (throw) 1453 ST_BPMN_ESCALATION_INTERMEDIATE_THROW 10- Intermediate event 1520 ST_BPMN_INTERMEDIATE_EVENT 11- Link intermediate event (catch) 1472 ST_BPMN_LINK_INTERMEDIATE_CATCH 12- Link intermediate event (throw) 1473 ST_BPMN_LINK_INTERMEDIATE_THROW 13- Message intermediate event (catch) 1511 ST_BPMN_MESSAGE_INTERMEDIATE_CATCH 14- Message intermediate event (non-interrupting) 1444 ST_BPMN_MESSAGE_INTERMEDIATE_NI 15- Message intermediate event (throw) 1445 ST_BPMN_MESSAGE_INTERMEDIATE_THROW 16- Message start event (non-interrupting) 1443 ST_BPMN_MESSAGE_START_NI 17- Multiple intermediate event (catch) 1512 ST_BPMN_MULTIPLE_INTERMEDIATE_CATCH 18- Multiple intermediate event (non-interrupting) 1466 ST_BPMN_MULTIPLE_INTERMEDIATE_NI 19- Multiple intermediate event (throw) 1467 ST_BPMN_MULTIPLE_INTERMEDIATE_THROW 20- Multiple start event (non-interrupting) 1465 ST_BPMN_MULTIPLE_START_NI 21- Parallel multiple intermediate event 1470 ST_BPMN_PARALLEL_MULTIPLE_INTERMEDIATE

		<p>22- Parallel multiple intermediate event (non-interrupting) 1471 ST_BPMN_PARALLEL_MULTIPLE_INTERMEDIATE_NI</p> <p>23- Parallel multiple start event (non-interrupting) 1469 ST_BPMN_PARALLEL_MULTIPLE_START_NI</p> <p>24- Signal intermediate event (catch) 1556 ST_BPMN_SIGNAL_INTERMEDIATE_EVENT</p> <p>25- Signal intermediate event (non-interrupting) 1462 ST_BPMN_SIGNAL_INTERMEDIATE_NI</p> <p>26- Signal intermediate event (throw) 1463 ST_BPMN_SIGNAL_INTERMEDIATE_THROW</p> <p>27- Timer intermediate event 1540 ST_BPMN_TIMER_INTERMEDIATE_EVENT</p> <p>28- Timer intermediate event (non-interrupting) 1447 ST_BPMN_TIMER_INTERMEDIATE_NI</p>
4	 End event	<p>1- Cancel end event 1546 ST_BPMN_CANCEL_END_EVENT</p> <p>2- Compensation end event 1547 ST_BPMN_COMPENSATION_END_EVENT</p> <p>3- End event 1521 ST_BPMN_END_EVENT</p> <p>4- Error end event 1545 ST_BPMN_ERROR_END_EVENT</p> <p>5- Escalation end event 1454 ST_BPMN_ESCALATION_END</p> <p>6- Message end event 1544 ST_BPMN_MESSAGE_END_EVENT</p> <p>7- Multiple end event 1548 ST_BPMN_MULTIPLE_END_EVENT</p> <p>8- Signal end event 1557 ST_BPMN_SIGNAL_END_EVENT</p> <p>9- Terminate end event 1549 ST_BPMN_TERMINATE_END_EVENT</p>
5		<p>1- Complex gateway 1553 ST_BPMN_RULE_COMPLEX_1</p> <p>2- Exclusive gateway 1550 ST_BPMN_RULE_XOR_3</p> <p>3- Gateway 1522 ST_BPMN_RULE_1</p> <p>4- Inclusive gateway 1552 ST_BPMN_RULE_OR_1</p> <p>5- Parallel gateway 1554 ST_BPMN_RULE_AND_1</p>
6	 Data object	<p>1- Data input 1503 ST_BPMN_DATA_INPUT</p> <p>2- Data input collection 1504 ST_BPMN_DATA_INPUT_COLLECTION</p>

		3- Data object 1501 ST_BPMN_DATA_OBJECT 4- Data output 1505 ST_BPMN_DATA_OUTPUT 5- Data output collection 1506 ST_BPMN_DATA_OUTPUT_COLLECTION
7	 Data store	Data store 1507 ST_BPMN_DATA_STORE
8	 Call activity	1- Call activity 1477 ST_BPMN_CALL_ACTIVITY 2- Call activity (collapsed) 1526 ST_BPMN_CALL_ACTIVITY_COLLAPSED
9	 Subprocess	1- Event subprocess 1509 ST_BPMN_EVENT_SUBPROCESS 2- Event subprocess (collapsed) 1513 ST_BPMN_EVENT_SUBPROCESS_COLLAPSED 3- Subprocess 1476 ST_BPMN_SUBPROCESS ARIS default 4- Subprocess (collapsed) 1532 ST_BPMN_SUB_PROCESS_COLLAPSED ARIS default
10	 Group	Group 1533 ST_BPMN_GROUPING_1
11	 Text annotation	Text annotation 1534 ST_BPMN_ANNOTATION_1
12	 Pool	Participant 1223 ST_BPMN_PARTICIPANT
13	 Organizational unit type lane	Organizational Unit Type Lane 1872 ST_ORGUNIT_TYPE_LANE
14	 Organizational unit	Organizational Unit Lane 1775 ST_ORGUNIT_LANE

15		Position Lane 1761 ST_POSITION_LANE
16		Role Lane 1756 ST_ROLE_LANE
17		Group Lane 1762 ST_GROUP_LANE
18		Application System Type Lane 1754 ST_AST_LANE
19		Message 1508 ST_BPMN_MESSAGE_2
20		Risk 737 ST_RISK_PIC
21		Application system type 33 ST_APPL_SYS_TYPE
22		Requirement 1306 ST_REQUIREMENT
23		Document 29 ST_DOC
24		Cluster 13 ST_CLST

25	<div> Business policy</div>	Business policy 1628 ST_BUSINESS_POLICY	
Possible Object Relations			
All possible Relationships represented in the Diagram Above			
Obects Types			
#	Type Number	API Name	Object Name
1	22	OT_FUNC	Function
2	366	OT_BPMN_GATE	Gate
3	401	OT_BPMN_CONVERSATION	Conversation
4	303	OT_BPMN_POOL	Participant
5	365	OT_BPMN_ANNOTATION	Text annotation
6	14	OT_CLST	Cluster/Data model
7	96	OT_DATA_STORE	Data store
8	18	OT_EVT	Event
9	78	OT_PERS_TYPE	Role
10	128	OT_GRP	Group
11	44	OT_ORG_UNIT_TYPE	Organizational Unit Type
12	43	OT_ORG_UNIT	Organizational Unit
13	45	OT_POS	Position
14	6	OT_APPL_SYS_TYPE	Application System Type
15	136	OT_MSG_FLW	Message
16	27	OT_INFO_CARR	Information carrier
17	237	OT_POLICY	Policy
18	159	OT_RISK	Risk

19	387	OT_REQUIREMENT	Requirement
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Note: Refer to ARIS Default Attributes Types.

BPMN Cheat Sheet:  [BPMN cheat sheet .pdf](#)

5.2.3.1.6.DRD Diagram (Decision Requirements Diagram)

API Name: MT_DMN_DECISION_REQUIREMENTS_DIAGRAM		Model Type Number: 279	
#	Symbol Graphic	API Name/Type Num.	Description
1		ST_DMN_DECISION	Assignment to Decision Requirements Diagram is allowed
		1789	
2		ST_DMN_OUTPUT_COMPONENT	This object represents properties that describe entity types
		1782	
3		ST_DMN_KNOWLEDGE_SOURCE	This object means to keep (store) information. It exists in the form of a card file, form, or computer file, for example.
		1790	
4		ST_DMN_INPUT_DATA	This object represents the input documents needed.
		1791	
Possible Object Relations			
All possible relationships are presented in the graph above			
Object Types			
#	Type Number	API Name	Object Name
1	360	OT_BUSINESS_RULE	Business Rule

2	27	OT_INFO_CARR	Information Carrier
3	19	OT_ERM_ATTR	ERM Attribute
4	14	OT_CLST	Electronic Form

5.2.3.1.7.DMN (Decision Table)

This model is locked by the manufacturer. It is neither configurable nor customizable. It is not listed in ARIS administration. Therefore, it will be used as is.

API Name: MT_DMN_DECISION_TABLE			Model Type Number: 291	
U	Input		Output	Annotations
	Input 1	Input 2	Output 1	Annotation 1
1				
2				
+				

5.2.3.2. SERVICE ARCHITECTURE GROUP

The Purpose of this group is to create a tree view of the service architecture for the related site (government entity) to:

- 1- Landscape Entity service Architecture.
- 2- Document Related services

This Group and its subgroups will have the following Model Types:

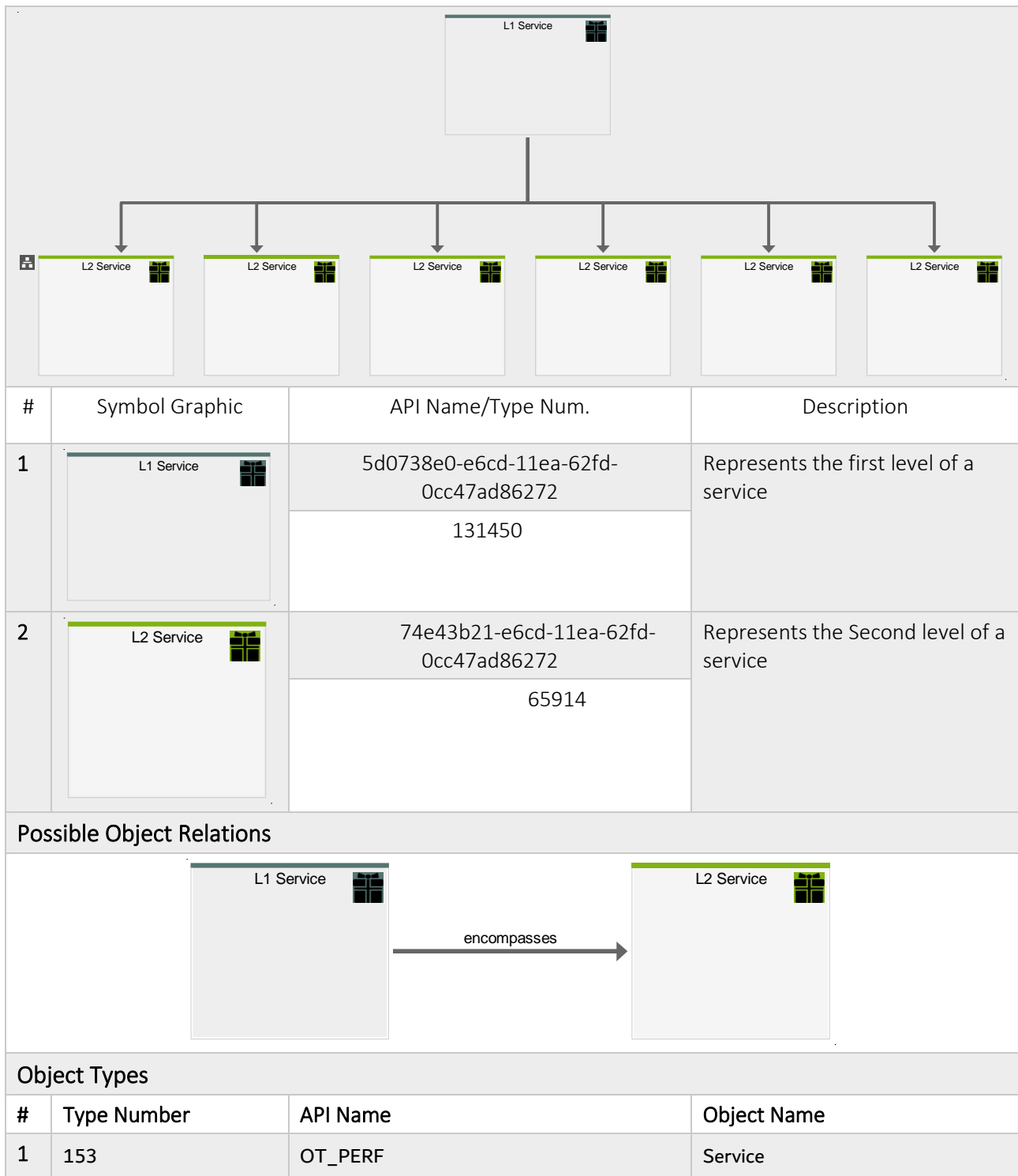
- 1- Service Tree Model
- 2- Service Canvas

5.2.3.2.1.SERVICE TREE MODEL

The Purpose of this model is to group, categorize and landscape entity's services.

This Model Type includes Occurrences of the specified objects Types Below.

API Name: MT_PERFORM_TREE	Model Type Number: 131
---------------------------	------------------------

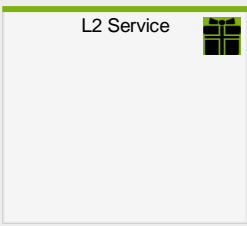
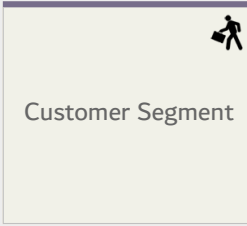
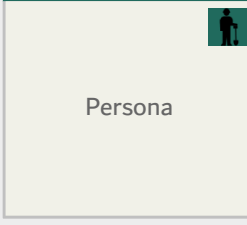
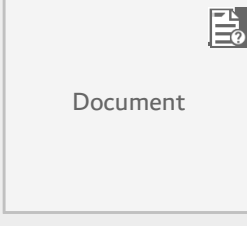
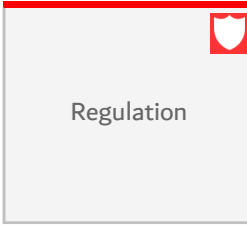
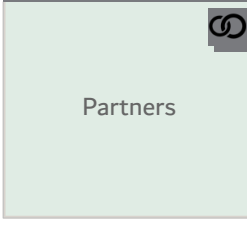


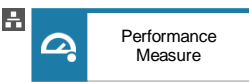

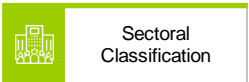

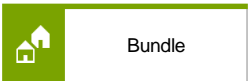
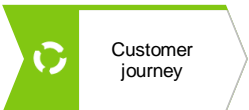

5.2.3.2.2.SERVICE CANVAS

The purpose of this model is to provide a detailed description of the selected service and allocate it in entity's organizational context.

API Name:d5dba441-e6d7-11ea-62fd-0cc47ad86272 Model Type Number: 131243



#	Symbol Graphic	API Name/Type Num.	Description
1.		74e43b21-e6cd-11ea-62fd-0cc47ad86272	Represents the second level of the service
		65914	
2.		7f7a1e00-834e-11ec-247a-506b8d856dc3	Describes the community of customers or businesses that you are aiming at to sell your services to.
		131538	
3.		4f3d95b0-e6fa-11ea-62fd-0cc47ad86272	Provides a set of information describing a person in more detail
		67410	
4.		d6cb5110-e6fb-11ea-62fd-0cc47ad86272	Document object is used in this model to reflect the required documents to obtain the service as per customer segments
		65565	
5.		f73fcf50-e6fd-11ea-62fd-0cc47ad86272	Used to represent the governing laws and regulations in the related government Entity
		65590	
6.		b67c4e70-e6f4-11ea-62fd-0cc47ad86272	Object to reflect the partners involved in providing the service
		66002	

7.		ST_KPI	Object to measure the performance of this particular service
		552	
8.		49340980-f4e4-11eb-0042-0cc47ad86272	Object to reflect the channels available to obtaining the service
		67303	
9.		cda75f51-da80-11ec-76c0-0cc47ad86272	Object to reflect the Sectoral Classification to which the service belongs
		65541	
10.		ST_CONSTRAINT	Object to reflect the Constraints to obtaining the service
		1435	
11.		2eee54c1-08a5-11ec-0042-0cc47ad86272	Object to reflect the available Bundles
		66349	
12.		ST_CUSTOMER_JOURNEY	Object to reflect the relevant Customer journey
		1765	
13.		6d004440-e175-11ec-76c0-0cc47ad86272	Object to reflect the channels available to payment service fees
		67179	

Object Types

#	Type Number	API Name	Object Name
1.	153	OT_PERF	Service
2.	232	OT_STRCT_ELMT	Structural element
3.	485	OT_PERSONA	Persona
4.	27	OT_INFO_CARR ARIS	Information carrier
5.	17	OT_ENT_TYPE	Entity type
6.	58	OT_TECH_TRM	Terms and Acronyms
7.	294	OT_FUNC_CLUSTER	Service type

8.	244	OT_KPI_ARIS	Performance Measure
9.	269	OT_SALES_CHA	Channel
10.	360	OT_BUSINESS_RULE	Business rule
11.	294	OT_FUNC_CLUSTER	Service type
12.	468	OT_CUSTOMER_JOURNEY	Customer journey

5.2.3.3. Customer Experience GROUP

The Purpose of this group is to view the customer journeys architecture during service acquisition for the related site (government entity) and to identify all possible journeys.

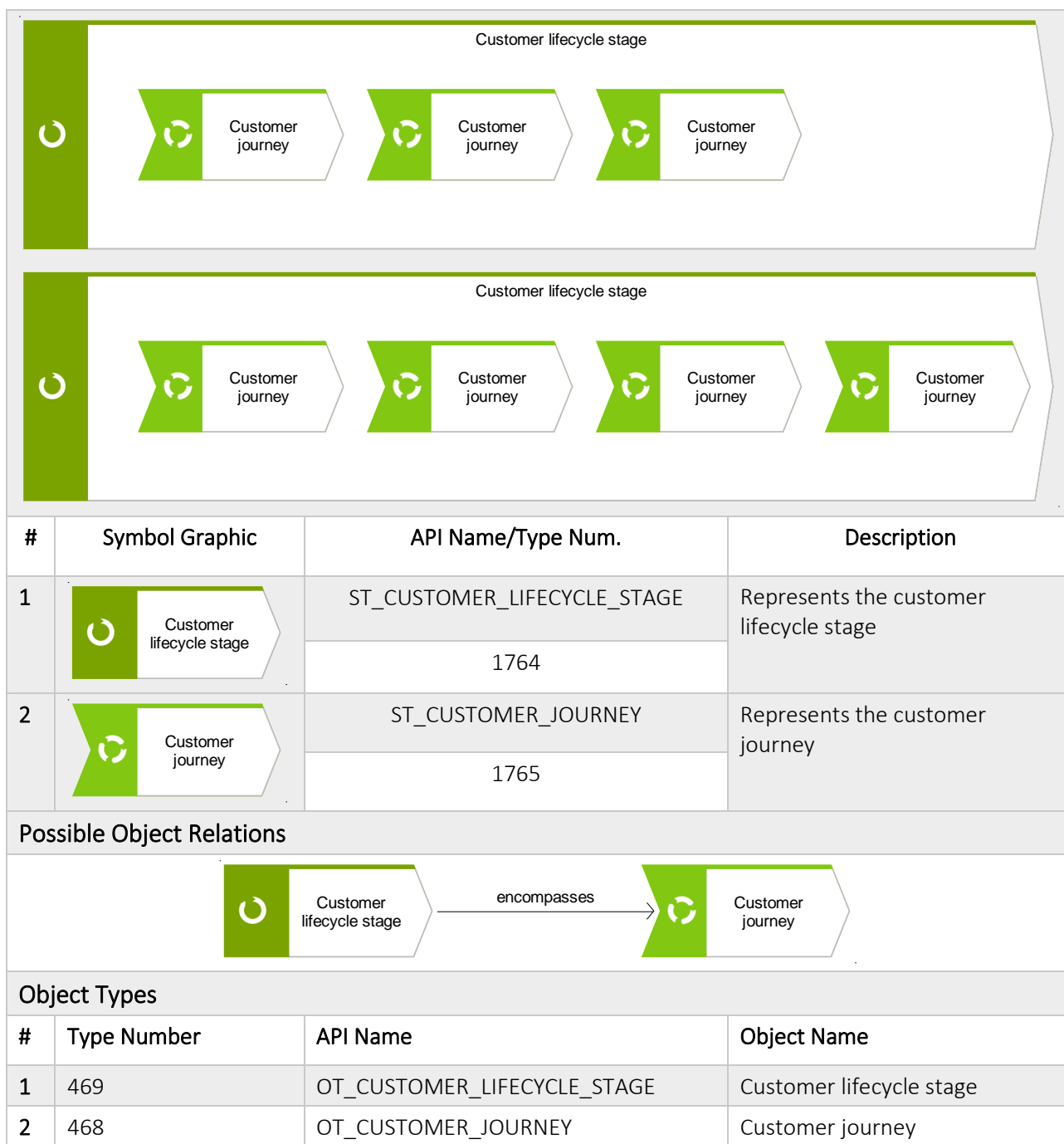
This Group and its subgroups will have the following Model Types:

- 1- Customer Journey Landscape.
- 2- Customer Journey Map.

5.2.3.3.1. Customer Journey Landscape

The purpose of this model is to show the customer the journey of each stage through the acquisition of the service.

API Name: MT_CUSTOMER_JOURNEY_LANDSCAPE Model Type Number: 275



Possible Object Relations

○

Customer lifecycle stage

→ encompasses

○

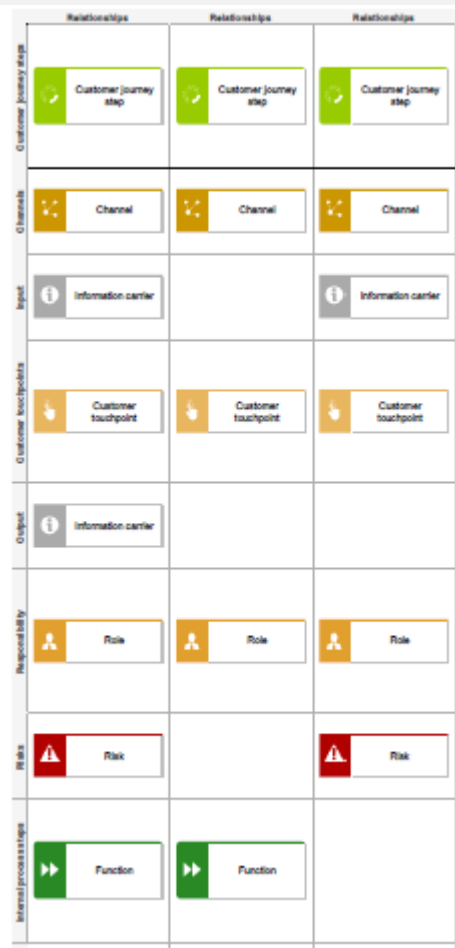
Customer journey

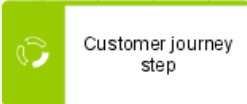
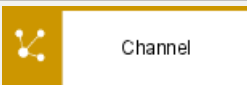

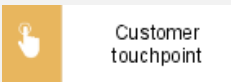
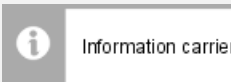
Object Types




5.2.3.3.1. Customer Journey Map

The purpose of this model is to show the steps, touchpoints, inputs, outputs, channels and risks throughout the customer journey.

API Name: MT_CUSTOMER_JOURNEY_MAP	Model Type Number: 274
-----------------------------------	------------------------



#	Symbol Graphic	API Name/Type Num.	Description
1		ST_CUSTOMER_JOURNEY_STEP	Represents the customer Journey Step
		1766	
2		ST_CHANNEL_1	Represents the channel that will be used within the customer journey step
		1767	
3		ST_INFO_CARR	Represents the input of customer journey step
		218	
4		ST_CUSTOMER_TOUCHPOINT	Represents the touch point of customer journey step
		1763	
5		ST_INFO_CARR	Represents the output of customer journey step
		218	
6		ST_EMPL_TYPE ARIS	Represents the role of customer journey step

	<div> Role</div>	145	
7	<div> Risk</div>	ST_RISK_1	Represents risk related to customer journey step
		688	
8	<div> Function</div>	ST_FUNC_PIC	Represents risk related to customer journey step
		355	
Possible Object Relations			
#	Type Number	API Name	Object Name
1	470	OT_CUSTOMER_JOURNEY_STEP	Customer journey step
2	269	OT_SALES_CHAN	Channel
3	27	OT_INFO_CARR	Information carrier
4	467	OT_CUSTOMER_TOUCHPOINT	Customer touchpoint
5	78	OT_PERS_TYPE	Role
6	159	OT_RISK	Risk
7	22	OT_FUNC	Function

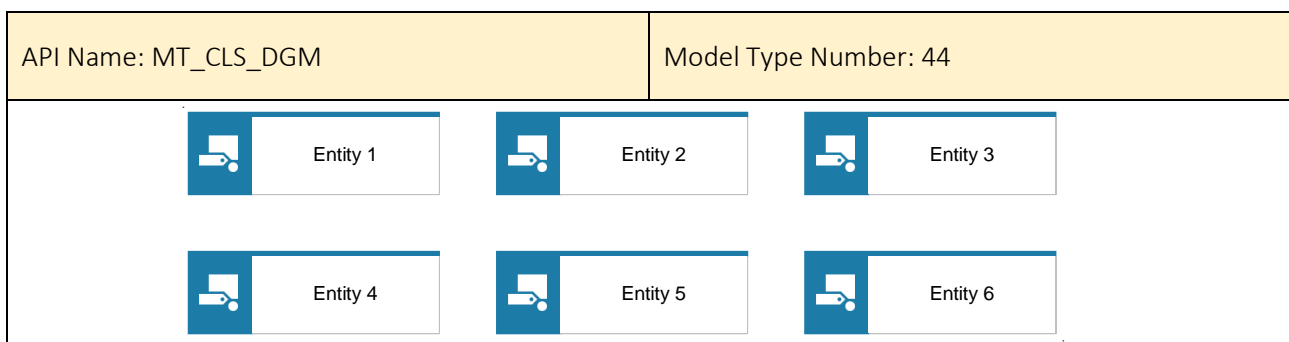
5.2.4. Federated Libraries GROUPING ARCHITECTURE


The purpose of this section is to break down “Federated Libraries” grouping architecture to the smallest building blocks of MODEE ARCHITECTURE Database.

As described in the Grouping High Level Architecture Table – G00, this group has six childs described as below:

5.2.4.1. Governmental Institutions








The Purpose of this group is to create a Grouping space for entities.



#	Symbol Graphic	API Name/Type Num.	Description
1		ST_ENT	This object refers to the entity name.
		236	
Possible Object Relations			
NON			
Objects Types			
#	Type Number	API Name	Object Name
1	139	OT_ENT	Entity




5.2.4.2. Sectoral Classification





The Purpose of this group is to create a Grouping space for sectors.

API Name: MT_CLS_DGM		Model Type Number: 44	
<div><div>Sectoral Classification</div><div>Sectoral Classification</div><div>Sectoral Classification</div><div>Sectoral Classification</div><div>Sectoral Classification</div><div>Sectoral Classification</div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	 Sectoral Classification	cda75f51-da80-11ec-76c0-0cc47ad86272	This object refers to the sectoral classification name.
		65541	
Possible Object Relations			
NON			
Objects Types			
#	Type Number	API Name	Object Name
1	139	OT_ENT	Entity

5.2.4.3. Customers Categories

The Purpose of this group is to create a Grouping space for customers categories.

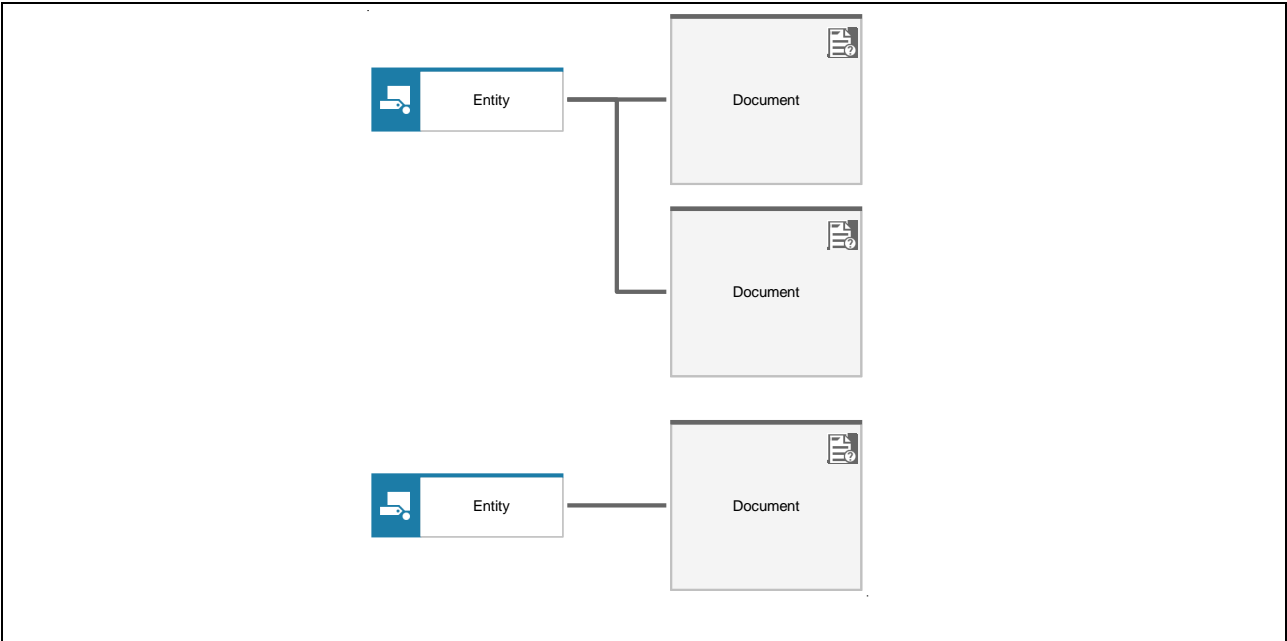
API Name: MT_CLS_DGM		Model Type Number: 44	
<div><div> Persona</div><div> Persona</div><div> Persona</div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1		4f3d95b0-e6fa-11ea-62fd-0cc47ad86272	This object refers to the persona name.

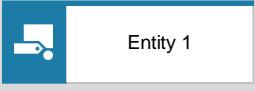
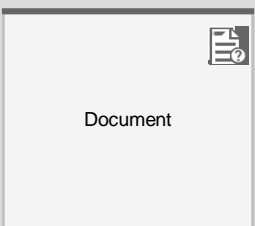
	<div><div></div><div>Persona</div></div>	67410	
	<div><div></div><div>Customer Segment</div></div>	7f7a1e00-834e-11ec-247a-506b8d856dc3	This object refers to the customer segment/category
		655826	
Possible Object Relations			
<div><div><div><div></div><div>Customer Segment</div></div><div>is associated with</div><div><div></div><div>Persona</div></div></div></div>			
Objects Types			
#	Type Number	API Name	Object Name
1	485	OT_PERSONA	Persona

5.2.4.4. Documents

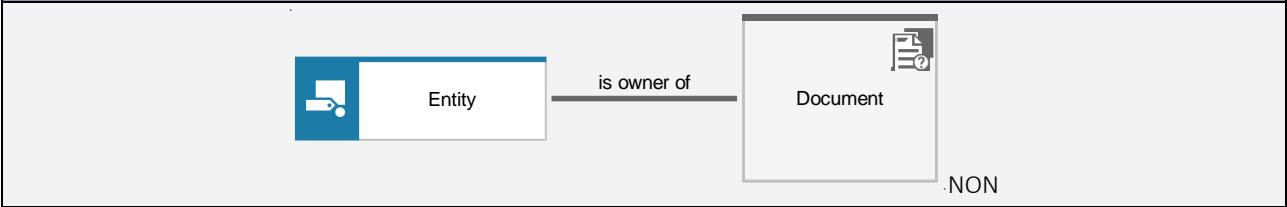
The Purpose of this group is to create a Grouping space for federated documents.

API Name: MT_DOCUMENT_STRUCTURE_SD	Model Type Number: 268
------------------------------------	------------------------



#	Symbol Graphic	API Name/Type Num.	Description
1		ST_ENT	This object refers to the entity name.
		263	
2		d6cb5110-e6fb-11ea-62fd-0cc47ad86272	This object refers to the federated documents.
		65565	

Possible Object Relations



Objects Types

#	Type Number	API Name	Object Name
1	139	OT_ENT	Entity
2	27	OT_INFO_CARR	Information carrier

5.2.4.5. Legislation

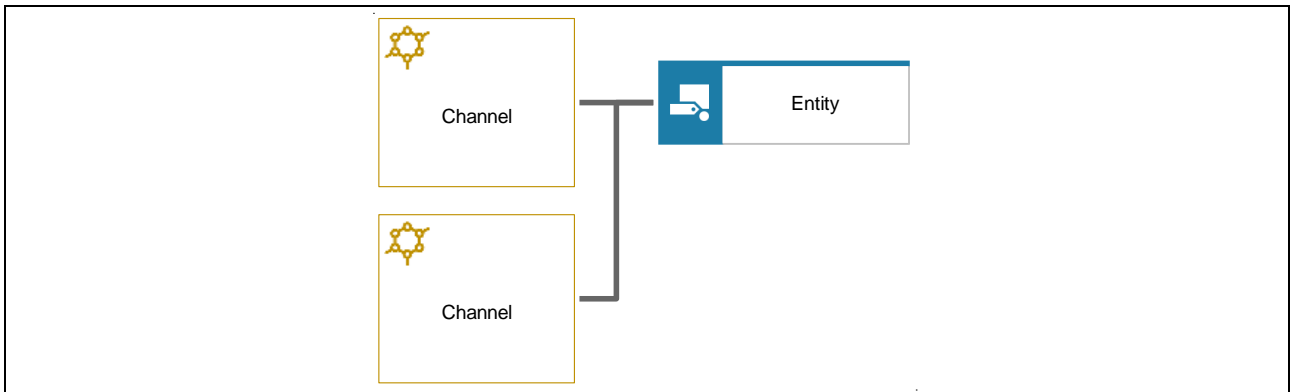
The Purpose of this group is to create a Grouping space for federated legislation.



API Name: 40cb65d1-1c82-11eb-62fd-0cc47ad86272		Model Type Number: 65558	
<div><div><div><div><div></div><div>Regulation</div></div><div><div></div><div></div></div></div><div>encompasses</div><div><div><div></div><div>Terms and Acronyms</div></div><div><div></div><div></div></div></div><div>has relation with</div><div><div><div></div><div>Terms and Acronyms</div></div><div><div></div><div></div></div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div><div><div></div><div>Regulation</div></div><div><div></div><div></div></div></div></div>	f73fcf50-e6fd-11ea-62fd-0cc47ad86272	This object might be used to represent the governing laws and regulations in the related government Entity. Assignment to Regulation Model is allowed
		65590	
2	<div><div><div><div></div><div>Terms and Acronyms</div></div><div><div></div><div></div></div></div></div>	ST_TECH_TERM	This object might be used to represent the articles related to laws and regulations in the related government Entity
		54	
Possible Object Relations			
The possible relationship is presented in the diagram above			
Objects Types			
#	Type Num	API Name	Object Name
1	58	OT_TECH_TRM	Technical Term

5.2.4.6. Shared Channel

The Purpose of this group is to create a Grouping space for shared channel.

API Name: Service Channels	Model Type Number: 262315
----------------------------	---------------------------



#	Symbol Graphic	API Name/Type Num.	Description
1		Entity	This object might be used to represent the government Entity.
		236	
2		49340980-f4e4-11eb-0042-0cc47ad86272	This object might be used to represent the shared channel between entities.
		67303	

Possible Object Relations



Objects Types

#	Type Num	API Name	Object Name
1	139	OT_ENT	ENTITY
2	269	OT_SALES_CHAN	CHANNEL

This area is kept intentionally empty

5.2.5. TRANSFORMATION GROUPING STRUCTURE

The purpose of this section is to break down “TRANSFORMATION” grouping structure to the smallest building blocks of MODEE ARCHITECTURE Database.

This group has three childs as described in the Grouping High Level Architecture Table – G03.





5.2.5.1. STRATEGY GROUP

The Purpose of this group is to create a Grouping space for Strategy View. Normally, this group contains Three Child Groups as described below:

5.2.5.1.1. SWOT DIAGRAM

A SWOT diagram is used within the scope of a SWOT analysis to reveal the strengths, weaknesses, opportunities, and threats of a company or organization with regard to a project or a decision-making process. This Model Type includes Occurrences of the specified Objects Types below:

API Name: MT_SWOT_DIAGRAM		Model Type Number: 258	
<div><div><div><div><div>Strength</div><div><div><div><div><div>Strong ability for effective process transformation</div></div><div><div><div>Strong overall product portfolio</div></div></div></div><div><div><div>Strong coverage of key markets</div></div></div></div></div><div><div><div>Opportunity</div><div><div><div>New market segments, especially emergin...</div></div><div><div><div>Brand improvement via relaunch</div></div></div></div><div><div><div>Niche player acquisitions</div></div><div><div><div>Effective collaboration with suppliers</div></div></div></div><div><div><div>Low barriers for merger due to impacts from...</div></div></div></div></div><div><div><div>Weakness</div><div><div><div>Unprofitable market segments (e.g. vans)</div></div><div><div><div>Capital lockup too high</div></div></div></div><div><div><div>Synergies of vehicle components not exploited</div></div><div><div><div>High fixed costs</div></div></div></div></div><div><div><div>Threat</div><div><div><div>Saturation of consumption in important segments</div></div><div><div><div>Increase in costs for depts</div></div></div></div><div><div><div>Future market regulation due to sustainability...</div></div><div><div><div>Rapidly changing market requirements</div></div></div></div><div><div><div>Regulatory requirements and need for change</div></div></div></div></div></div></div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div><div><div>Strength</div></div></div></div>	ST_STRENGTH	Object used to outline the identified strengths
		1630	
2		ST_WAEKNESS	

	<div><div><div>Weakness</div><div></div></div></div>	1631	Object used to outline the identified weaknesses
3	<div><div><div>Opportunity</div><div></div></div></div>	ST_OPPORTUNITY	Object used to outline the identified Opportunities
		1634	
4	<div><div><div>Threat</div><div></div></div></div>	ST_THREAT	Object used to outline the identified Threats
		1635	
5	<div><div><div><div></div><div>Influencer</div></div></div></div>	ST_INFLUENCER	Object connected to the Strength, weakness, opportunity, threat objects to outline points that influence each one of them.
		1629	
Possible Object Relations			
Implicit Relationships are used in this Model Type			
Object Types			
#	Type Number	API Name	Object Name
1	108	OT_CRIT_FACT	Success Factor (Influencer)
2	405	OT_ASSESSMENT	Assessment (Weakness, Threat, Opportunities, Strengths)

5.2.5.1.2. STRATEGY DIAGRAM

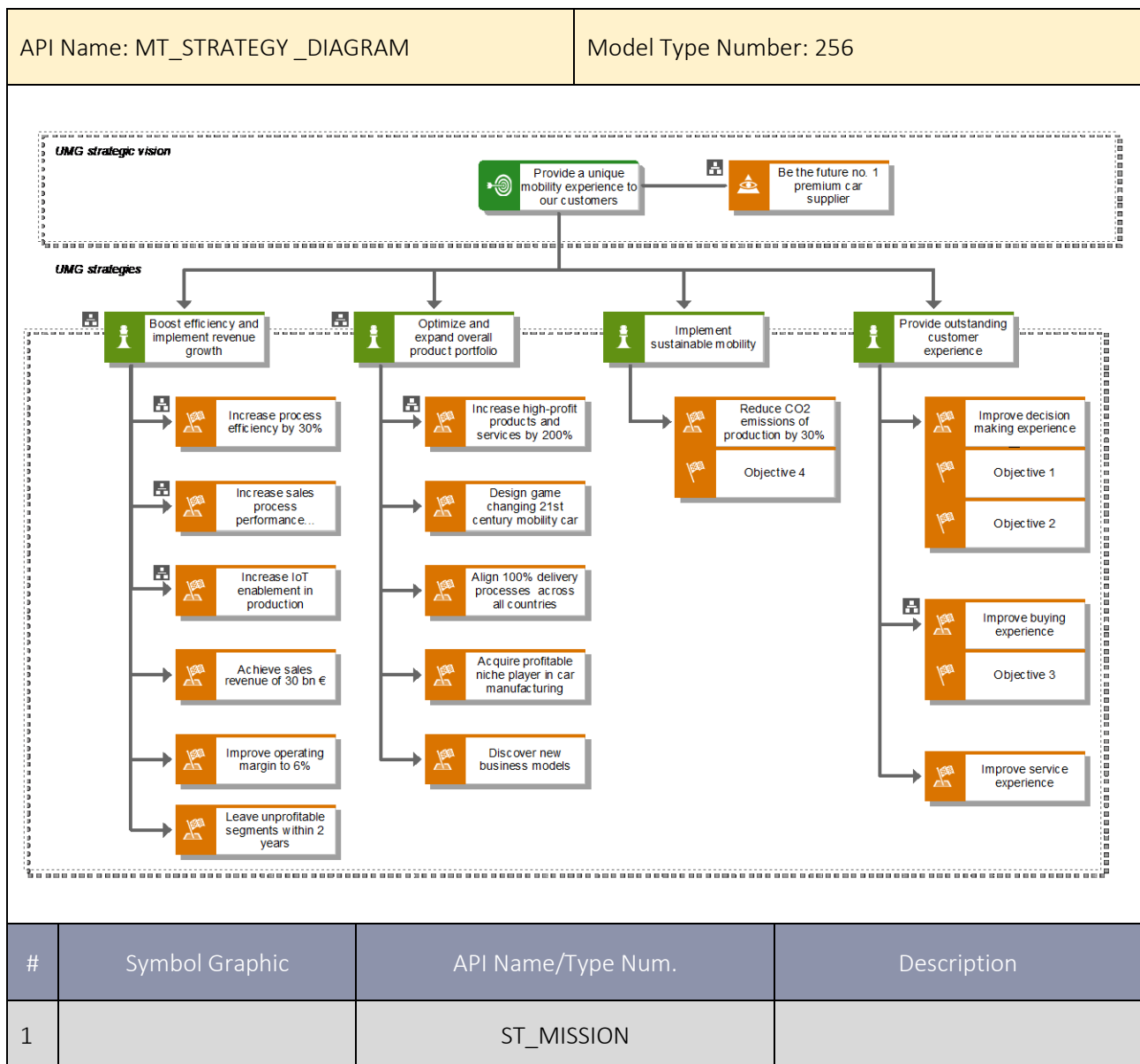
Implement your entity's strategy (Vision, mission, goals and objectives). You can also implement the SWOT analysis at this stage.






Connect your objectives with their relevant initiatives, KPIs and processes along with the responsible departments and people.

Note: You will have to return to this Model as you need first to implement library items for KPIs and implement processes then connect them to the objectives.

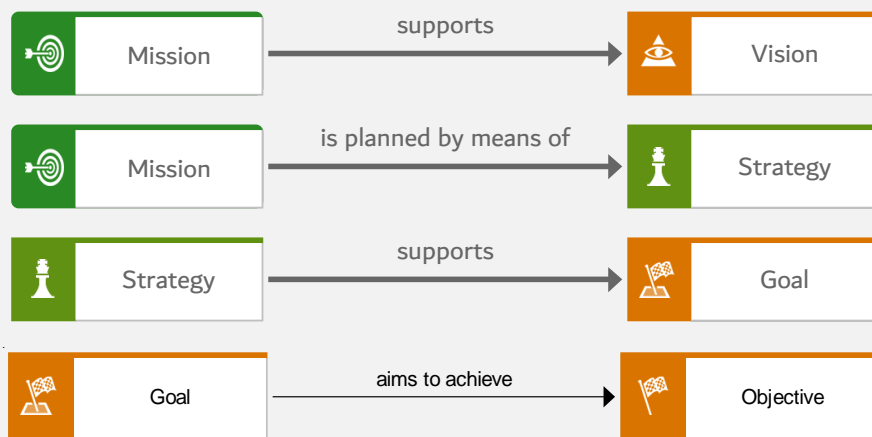
- Map the initiatives to the projects and relevant requirements.
- The strategy diagram is used within the scope of strategy modeling. Its main purpose is to represent the hierarchical structure of missions, strategies, and tactics and to illustrate their contribution to achieving the objectives of the company or organization.

This Model Type include Occurrences of the specified objects Types Below.



	 Mission	1432	Object used in the strategy implementation to describe the mission of MODEE
2	 Vision	ST_VISION 1625	Objective is used in the strategy implementation
3	 Goal	ST_STRAT_OBJCTV 550	Objective is used in the strategy implementation
4	 Strategy	ST_STRATEGY_1 1626	Object used in the strategy implementation to describe the strategy of MODEE
5	 Objective	ST_OBJCTV 129	This object used to present the objectives fall under each of MODEE goals

Possible Object Relations



Object Types

#	Type Number	API Name	Object Name
1	86	OT_OBJECTIVE	Objective
2	239	OT_STAT	Strategy

5.2.5.2. DESIGN GROUP

The Purpose of this group is to create a Grouping space for the Design Group. This group has three child groups.

5.2.5.2.1.REQUIREMENT TREE











The purpose of this diagram is to create, group and classify business requirements of a project or an application.

API Name: MT_REQUIREMENTS_TREE		Model Type Number: 237	
<div><div><div><div><div><div></div><div>Requirement</div></div></div><div></div><div>encompasses</div><div><div><div><div></div><div>Theme</div></div><div></div><div>encompasses</div><div><div><div><div></div><div>EPIC</div></div><div></div><div>encompasses</div><div><div><div><div></div><div>EPIC</div></div></div></div></div><div><div><div><div></div><div>Theme</div></div><div></div><div>encompasses</div><div><div><div><div></div><div>EPIC</div></div><div></div><div>encompasses</div><div><div><div><div></div><div>EPIC</div></div></div></div></div></div></div></div></div></div></div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div></div><div>Requirement</div></div>	ST_REQUIREMENT	This object type used to list a tree of project requirements. Or application
		1306	
2	<div><div></div><div>Theme</div></div>	7e805e71-1c9c-11eb-62fd-0cc47ad86272	Scrum Term to group the second level of the requirements
		132378	
3	<div><div></div><div>EPIC</div></div>	6eb45500-1c9c-11eb-62fd-0cc47ad86272	Scrum Term used to describe the third level of requirements
		66842	
Possible Object Relations			
Relationships placed in the above diagram			
Objects Types			
#	Type Number	API Name	Object Name
1	387	OT_REQUIREMENT	Requirement

5.2.5.2.1.EPIC MODEL

The purpose of this diagram is to document a detailed user stories for specified EPIC.

API Name: ec461e30-1ca2-11eb-62fd-0cc47ad86272		Model Type Number: 65810	
		User Story Card	
USER STORY		User Story	
SCREEN		Screen	
ACTOR		Role	
Precondition		Preconditions	
Rules		Business Rule	
Output		Acceptance Criteria	
Test		Test Case	
Use Case		Function	
Data Model		Cluster	
Systems		IT Function	

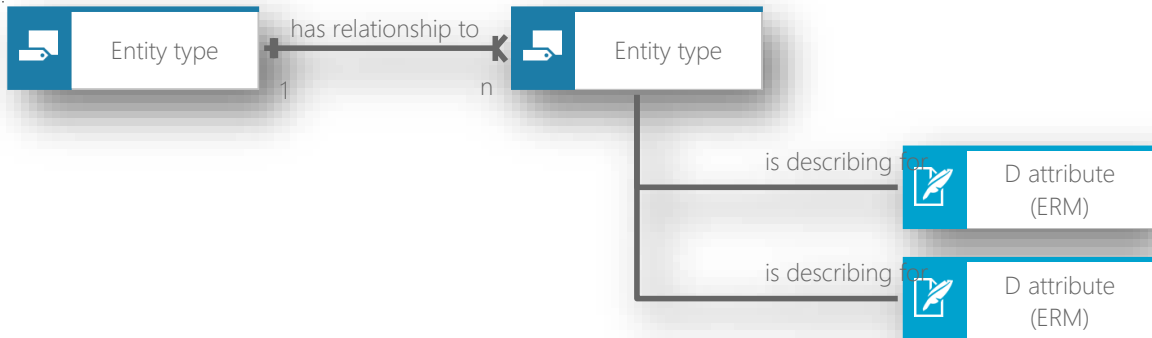
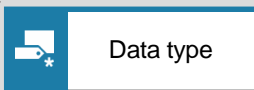
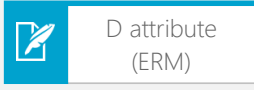
#	Symbol Graphic	API Name/Type Num.	Description
1	 User Story	KEPT INTENTIONALLY BLANK	Customized object used to describe a user story for the application
2	 Screen		Customized object used to link the specified user story to the screen design
3	 Preconditions		Customized object used to describe the precondition that must occur
4	 Business Rule		Customized object used to describe the business rule that must occur
5	 Acceptance Criteria		Customized object used to describe the acceptance criteria. This is used by the Quality assurance team
6	 Test Case		Customized object used to describe the test case. This is used by the Quality assurance team
7	 Function		This required to link the use case or technical process to specified user story
8	 Cluster		This required to link Data Model to specified User story
9	 IT Function		This is required to link System Architecture to the specified user story
10	 Role		This object required to determine the Actors and users concerned about the specified user story
Possible Object Relations			
This model Type has Implicit relationships ONLY			

5.2.5.3. TRANSITION GROUP

The purpose of this group is to create a grouping space for the Transition Group. This group has only one model as described below:

5.2.5.3.1. IE DATA MODEL

The IE (Information Engineering) data model is a graphical description language for semantic data models. The central object type is the Entity type. In contrast to the eERM, relationships between entity types are represented by connections, which means that only binary relationships can be represented.

API Name: MT_IEF_DATA_MDL		Model Type Number: 42	
			
#	Symbol Graphic	API Name/Type Num.	Description
1		ST_DATA_TYPE_SD	Data type object is used in solution design implementation on ARIS
		1711	
2		ST_DESC_ATTR	This object used to represent the data types attributes used in solution design
		8	
Possible Object Relations			
This Model still in the development phase, and the current version of the Convention manual does not include data implementation			
Objects Types			
#	Type Number	API Name	Object Name
1	17	OT_ENT_TYPE	Data type (Solution Design)

5.2.5.3.1. INITIATIVES (WBS)

The purpose of this group is to create a grouping space for work breakdown structure. Normally, this group does not contain any child group, instead it is including one Model Type.

The work breakdown structure plays a central role in project management. It is primarily used to represent the hierarchical structure of complex projects. This is realized using the Program, Project, and Task symbols of the Task object type.

This Model Type includes Occurrences of the specified Objects Types below:

API Name: MT_WORK_BREAKDOWN_STRUCTURE		Model Type Number: 234	
<div><div><div><div><div></div><div>Program</div></div></div><div><div><div>is process-oriented superior</div><div>→</div><div><div><div></div><div>Project</div></div></div><div><div><div>is process-oriented superior</div><div>→</div><div><div><div></div><div>Project</div></div></div></div><div><div><div>realizes</div><div>→</div><div><div><div></div><div>Requirement</div></div></div><div><div><div>realizes</div><div>→</div><div><div><div></div><div>Initiative</div></div></div><div><div><div>realizes</div><div>→</div><div><div><div></div><div>Theme</div></div></div></div></div></div></div></div></div></div></div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div><div><div><div></div><div>Program</div></div></div></div>	ST_PROGRAM	Is used to indicate the name of the program
		1304	
2	<div><div><div><div></div><div>Project</div></div></div></div>	ST_PROJECT	Is used to indicate the name of the project and details. Assignments to Project Schedule Model is allowed.
		1307	
3	<div><div><div><div></div><div>Requirement</div></div></div></div>	ST_REQUIREMENT	Is used to indicate a business/project requirement used in system development
		1306	
4	<div><div><div><div></div><div>Theme</div></div></div></div>	7e805e71-1c9c-11eb-62fd-0cc47ad86272	This object is used to identifies the theme used in the project.
		132378	
5	<div><div><div><div></div><div>Initiative</div></div></div></div>	ST_INITIATIVE	This object is used to indicate the initiative linked with each project.
		553	

Possible Object Relations			
<p>This Model still in the development phase, and the current version of the Convention Manual does not include Strategy Implementation.</p> <p>This may change in the future, make sure that you are using the latest version of the Convention Manual</p>			
Objects Types			
#	Type Number	API Name	Object Name
1	387	OT_REQUIREMENT	Requirement
2	137	OT_FUNC_INST	Task

5.2.5.3.2.PROJECT SCHEDULE

The project schedule is an instance of a process schedule. It can be used to represent specific processes, e.g., project plans, on a time axis with associated quality gates, etc.

API Name: MT_PROJECT_SCHEDULE		Model Type Number: 233	
<div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1	<div></div> Task	ST_FUNC_INST	Is used to indicate the name of the tasks relevant to the project
		234	
2	<div></div> Role	ST_EMPL_TYPE	Is used to define roles assigned to tasks
		145	
Possible Object Relations			
<div></div> Role		Carries out 	<div></div> Task
<div></div> Task		Belongs to 	<div></div> Task
Objects Types			
#	Type Number	API Name	Object Name
1	78	OT_PERS_TYPE	Role
2	137	OT_FUNC_INST	Task




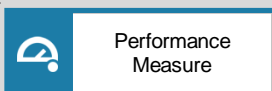
5.2.6. MONITORING GROUP STRUCTURE

The Purpose of this group is to create a Grouping space for the KPIs defined to evaluate certain elements. Normally, this group contains four child groups as described in the Grouping High Level Architecture Table – G04.

5.2.6.1. Strategy Performance Group

5.2.6.1.1. KPI TREE

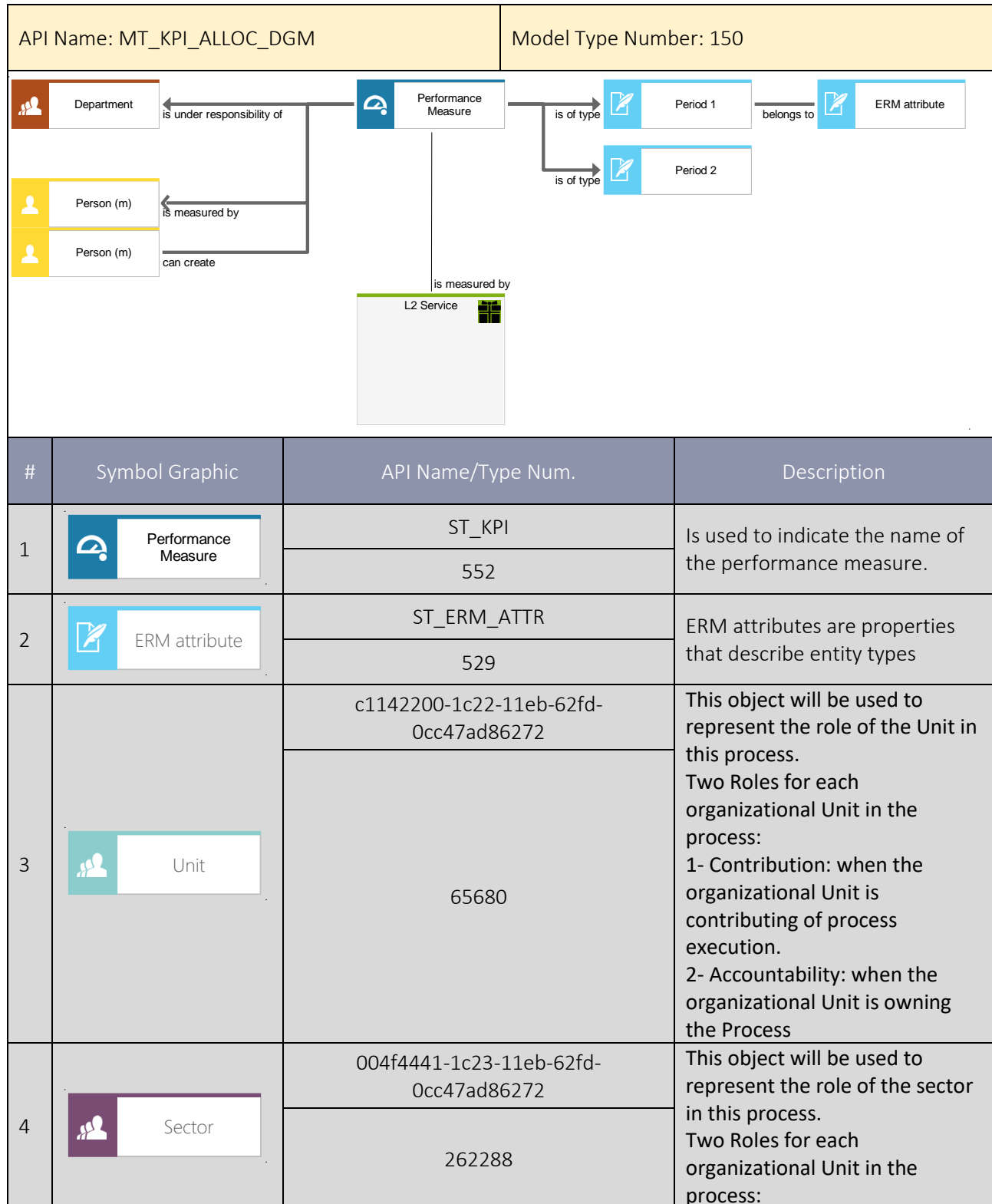
This model type is usually assigned to a KPI (KPI instance object type) and describes which other KPIs it is made up of. This Model Type include Occurrences of the specified Objects Types below:






API Name: MT_KPI_TREE		Model Type Number: 165	
<div><div><div>Performance Measure</div><div><div>is influenced by</div><div>Performance Measure</div></div><div><div>is influenced by</div><div>Performance Measure</div></div></div></div>			
#	Symbol Graphic	API Name/Type Num.	Description
1		ST_KPI	Is used to indicate the name of the performance measure. Assignments to KPI Allocation Diagram is allowed
		552	
Possible Object Relations			
<div>This Model still in the development phase, and the current version of the Convention manual does not include strategy Implementation.</div> <div>This may change in future, make sure that you are using the latest version of the convention Manual</div>			
Objects Types			
#	Type Number	API Name	Object Name
1	244	OT_KPI	KPI instance

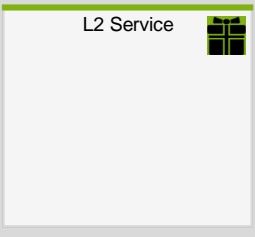
5.2.6.2. KPI Allocation Diagram

5.2.6.2.1. KPI ALLOCATION DIAGRAM

This model type is usually assigned to a KPI (KPI instance object type) and describes which other KPIs it is made up of. This Model Type include Occurrences of the specified Objects Types below:



			<p>1- Contribution: when the organizational Unit is contributing of process execution</p> <p>2- Accountability: when the organizational Unit is owning the Process</p>
5	 <div>Section</div>	<div>d165fd41-1c22-11eb-62fd-0cc47ad86272</div> <div>131216</div>	<p>This object will be used to represent the role of the Section in this process.</p> <p>Two Roles for each organizational Unit in the process:</p> <p>1- Contribution: when the organizational Unit is contributing of process execution.</p> <p>2- Accountability: when the organizational Unit is owning the process</p>
6	 <div>Department</div>	<div>ead55f50-1c22-11eb-62fd-0cc47ad86272</div> <div>196752</div>	<p>This object will be used to represent the role of the Department in this process.</p> <p>Two Roles for each organizational Unit in the process:</p> <p>1- Contribution: when the organizational Unit is contributing of process execution.</p> <p>2- Accountability: when the organizational Unit is owning the process</p>
7	 <div>Initiative</div>	<div>ST_INITIATIVE</div> <div>553</div>	<p>This object used to represent the initiative need to be implemented to accomplish the goal</p>
8	 <div>Goal</div>	<div>ST_STRAT_OBJCTV</div> <div>550</div>	<p>This object used to represent the goal need to be achieved.</p>
9	 <div>Function</div>	<div>ST_FUNC</div> <div>335</div>	<p>This object in this Model type, will be linked to the initiative.</p>
10		<div>74e43b21-e6cd-11ea-62fd-0cc47ad86272</div>	<p>Represents the second level of the service</p>

		196986	
Possible Object Relations			
<p>This Model still in the development phase, and the current version of the Convention manual does not include strategy Implementation.</p> <p>This may change in future, make sure that you are using the latest version of the convention Manual</p>			
Objects Types			
#	Type Number	API Name	Object Name
1	244	OT_KPI	KPI instance
2	19	OT_ERM_ATTR	ERM Attribute
3	43	OT_ORG_UNIT	Organizational unit
4	86	OT_OBJECTIVE	Objective
5	137	OT_FUNC_INST	Task
6	22	OT_FUNC	Function

6. ARIS REPORTS CONTEXT

ARIS reports context, In the below table shows from which object in what model each reports can be generated

Report Name	Object	Symbol	Model
Process Manual L2	Function Object	L2 process Symbol	L2 VACD Model
Process Manual	Function Object	Function Symbol	PAD Model
Gap Analysis	Function Object	Function Symbol	PAD Model
Execution Plan	Function Object	Function Symbol	PAD Model
Legal Amendment			Regulation Model