



# Measurement & Reporting Map

Based on best practice Enterprise Modelling & Architecture principles



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## Introduction

Measurements refer to values that are made meaningful by quantifying into specific units. Measurements act as labels which make those values more useful in terms of details. For example, instead of saying that someone is tall, we can specify a measurement and record that the individual is 180 cm. tall. The Reporting function records these measurement values in a document, and contains information organized in a narrative, graphic, or tabular form, prepared on and ad hoc, periodic, recurring, regular, or as required basis. Reports may refer to specific periods, events, occurrences, or subjects, and may be communicated or presented in oral or written form. Measurement & Reporting can therefore become a complex subject matter that involves multiple other components within the organization.

In order to better capture and document all of the measurement and reporting objects, Measurement & Reporting is built as a map. The Measurement & Reporting Map is an accurate list and representation of decomposed and/or composed objects. A map is often represented in the form of a simple list or a chart laid out in columns in either a document or a spreadsheet. It's appearance ranges from that of a single list of one object or that of multiple objects across multiple rows within one or more (specific) columns.

The purpose of constructing a Measurement & Reporting Map is to build an inventory or indexed list of objects that are to be either decomposed or composed for later usage within the business layer, information layer and/or technology layer of an enterprise. It is a powerful yet simple to use tool that allows the practitioner to document large amounts of information in a structured and coherent way.

## Measurement & Reporting Map

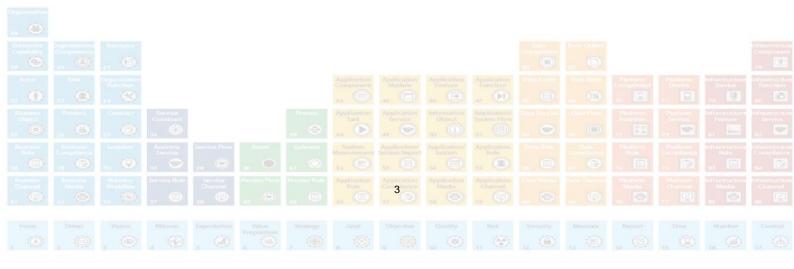
The Measurement & Reporting Map provides you with a detailed overview of identified measurements and reports (both identified with a unique name and ID number), performance and value drivers, performance expectations, measures (business, service, process and system), locations, objectives, performance indicators, application/system reports, and roles (reporting).

## How to use the Measurement & Reporting Map

Identify and capture the measurements and reports (both identified with a unique name and ID number), performance and value drivers, performance expectations, measures (business, service, process and system), locations, objectives, performance indicators, application/system reports, and roles (reporting).

#### For example:

- 1. A measurement and report may have multiple yet specific associations with performance and value drivers, performance expectations, measures (business, service, process and system), locations, objectives, performance indicators, application/system reports, and roles (reporting).
- 2. Multiple measurements and reports may have an association with any single specific performance and value driver, performance expectation, measure (business, service, process and system), location, objective, performance indicator, application/system report, and role (reporting).



Measureme nt & Reporting #	Why			W here				What		Who		
	Performanc e Driver	Performanc e Expectation	Value Driver	Business Measure	Service Measureme nt	Process Measureme nt	System Measureme nt	Location	Objective (plan, forecast, budget, etc.)	Performanc e Indicator	Application/ System Reports	Reporting
#												
#												
#												
#												
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Table 1: The Measurement & Reporting Map.

Please note that the objects we have listed here are the most typical objects that are commonly used within a Measurement & Reporting Map, but there may be more (or fewer) relevant objects that are used within your organization. If that is the case, feel free to either add new ones, or remove any objects that are not relevant, or are otherwise unimportant, for this particular map.

Also note that the objects might have a different name in your organization, so make sure to adapt the objects of this artefact so that it fits to the taxonomy of your organization.



The objects involved with a Mea	surement & Reporting	Map is shown in Table 2.
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Objects used with a Measurement & Reporting Map						
Notation	Name	Description				
	Measure (business, service, process, system and performance indicator)	Any type of measurement used to gauge some quantifiable component of an enterprise's performance.				
	Report	The exposure, description, and portrayal of information about the status, direction or execution of work within the functions, services, processes, and resources of the enterprise.				
<b>@</b>	Driver (external and/or internal, performance and value)	An external or internal factor that drives, establishes motivation for or influences the direction of an enterprise.				
	Expectation	The anticipated benefits that are of worth, importance, and significance to a specific stakeholder.				
$\odot$	Location	A point, facility, place or geographic position that may be referred to physically or logically.				
Ô	Objective	The purpose or target of one's efforts or actions.				
	Role (reporting)	A part that something or someone has the rights, rules, competencies, and capabilities to perform. A resource and/or actor may have a number of roles (i.e. process role, service role or application role) and many actors may be assigned the same role.				
	Application/System Report	Reports that are defined and implementable or implemented within or by an application.				

Table 2: Objects typically associated with the Measurement & Reporting Map.



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