

➤ Webinar rules:

- You'll be muted all along the Webinar
- There's a *Question* section to ask your questions or send your comments when you want
- The Webinar will be recorded. A link to the recording will be sent to you in few days

Configuration Management in SES ENGINEERING Studio:

“From a tool-centric to a life cycle-wide approach”



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THE
REUSE
COMPANY



- Introduction to The REUSE Company and the speaker
- Introduction and context of Configuration Management (CM)
- Holistic CM for complex systems
- Configuration management in SES ENGINEERING Studio
- Live demo
- Q&A



The REUSE Company:

- **specialized in the application of reuse methods,**
- **semantic technologies and artificial intelligence,**
- **digitalization of the Systems Engineering lifecycle.**

“

**We promote lifecycle management methodologies guided by REUSE, based on a knowledge-centric approach, supporting the notion of authoritative source of truth, offering connectivity to everything, unlimited interoperability,
and providing full support to technical management as in ISO 15288**

”

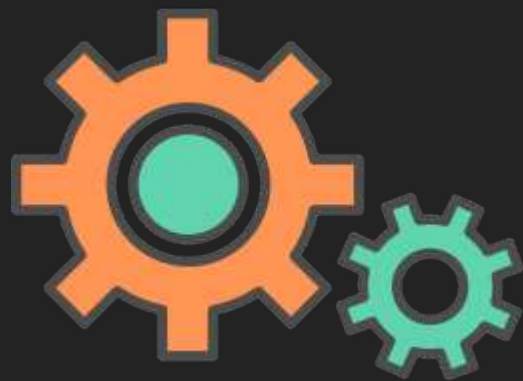


- RQA – QUALITY Studio
- RAT – AUTHORIZING Tool
- TRACEABILITY Studio
- V&V Studio
- KM – Knowledge Manager
- SES ENGINEERING Studio



Ilyes Yousfi

- **Current position:** Senior Key Account Manager at The REUSE Company
- Master's degree from the University of Montreal (Canada) and the IMT Atlantique School of Engineering (France).
- 7 years of experience in sales, technical background in energy and mechanical engineering
- Involved in a research project around the environmental impacts of end-of-life management of aircrafts (2014)
- Consulting services to help industry actors leverage and digitalize Systems Engineering activities.
- Passionate about international projects and learning languages, Ilyes speaks 4 languages fluently: English, French, German and Spanish.



Introduction to Configuration Management

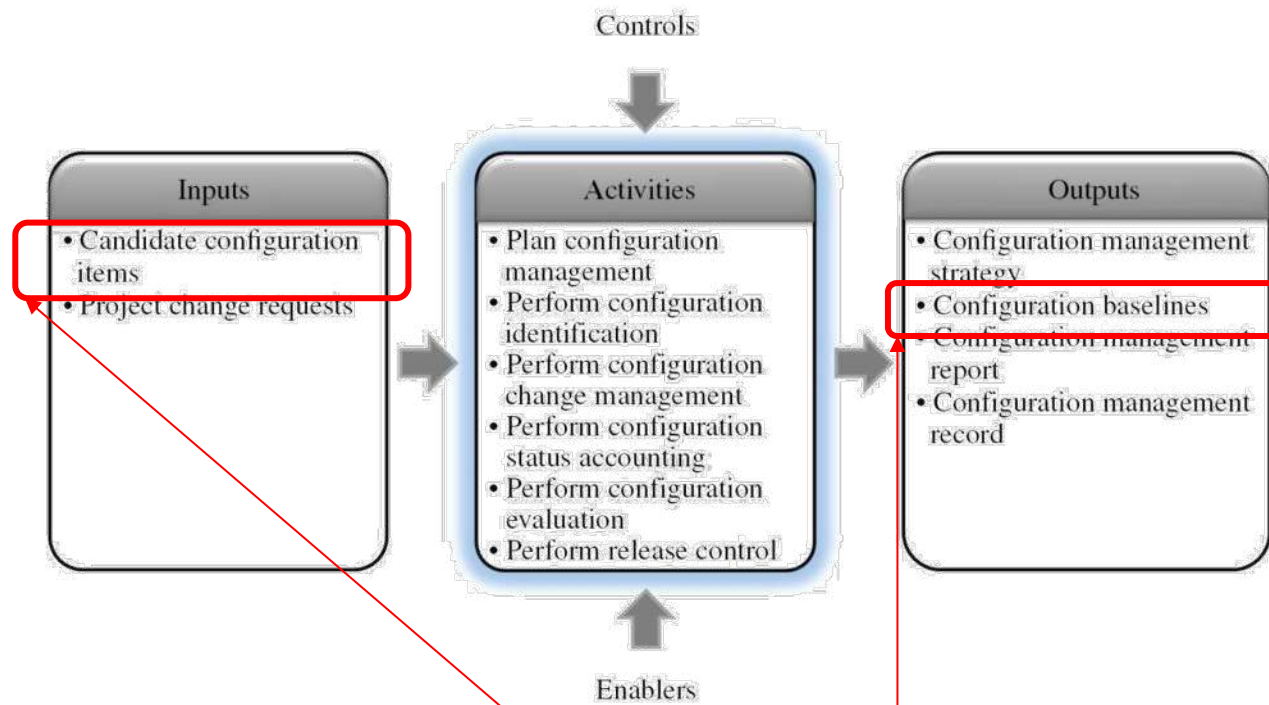


FIGURE 5.8 IPO diagram for the configuration management process. INCOSE SEH (original figure created by Shortell and Wadden. Usage per the INCOSE Notices page; All other rights reserved).

Source: INCOSE Systems Engineering Handbook

(ISO 15288)

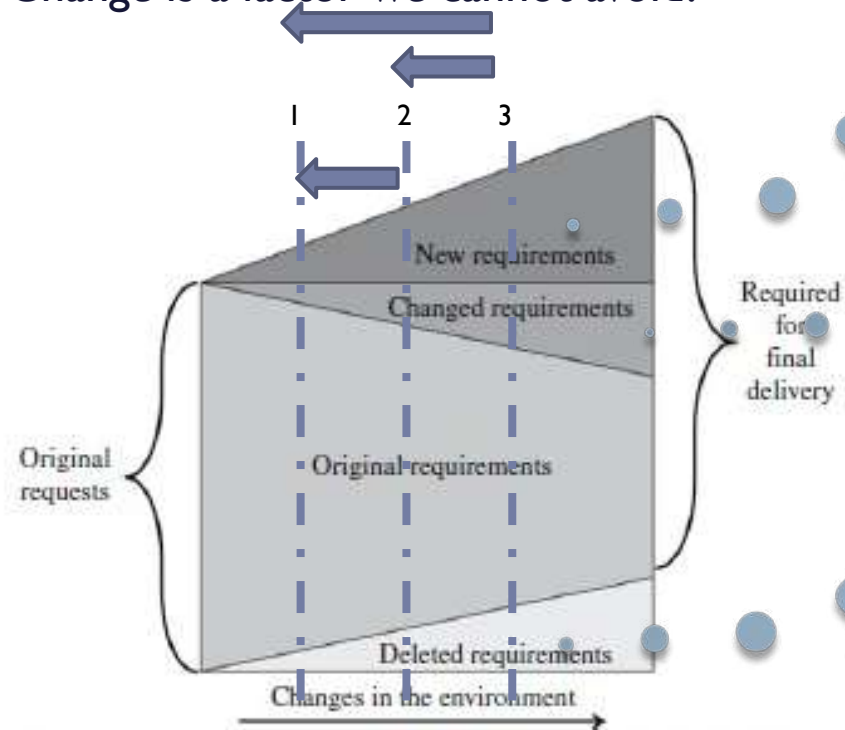
“The purpose of Configuration Management is to manage and control system elements and configurations **over the life cycle**. CM also manages **consistency** between a product and its associated configuration definition”.

(EIA-649)

Process that establishes and maintains **consistency** of a product's attributes with its requirements and product configuration information **throughout the product's life cycle**

Items designated at any stage of the life cycle to produce **baselines** of the system configurations

- Key process to mitigate the risks of change
 - Change is a factor we cannot avoid!



Are these new requirements necessary?

Am I introducing conflicts?

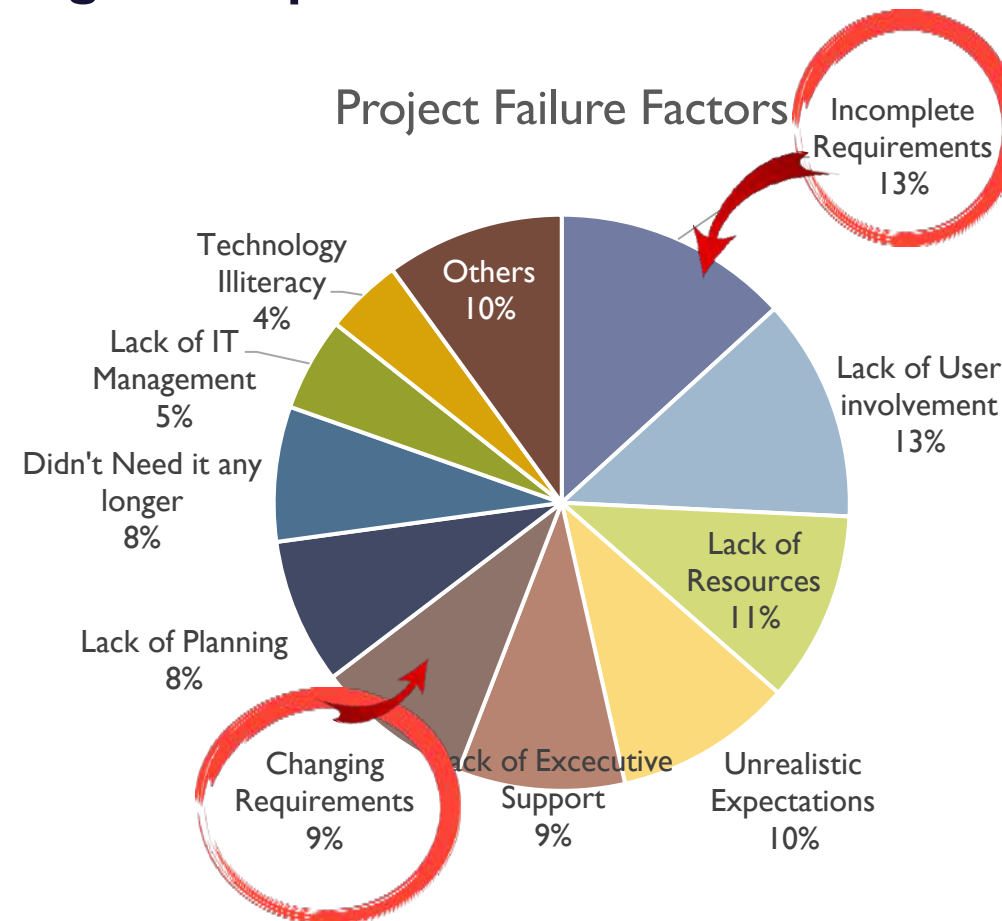
May this new version underspecify the system?



FIGURE 5.9 Requirements changes are inevitable. Derived from (Forsberg et al., 2005) Figure 9.3. Reprinted with permission from Kevin Forsberg. All other rights reserved.



➤ Be careful with **changes & requirements!**



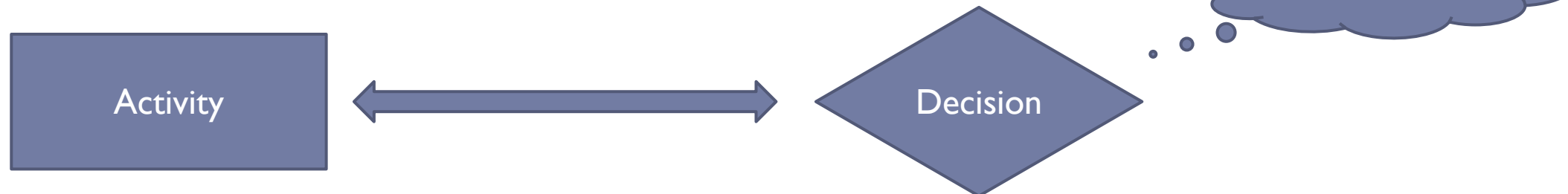


**Configuration
Management
at
Life Cycle level**

- If CM is applied by identifying the relevant items throughout the life cycle...
- Impacts of change are appropriately controlled
- Threat -> Opportunity (change out of surprise -> anticipated change)

BUT...

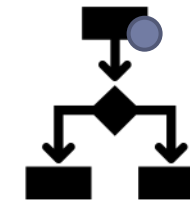
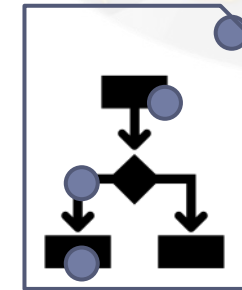
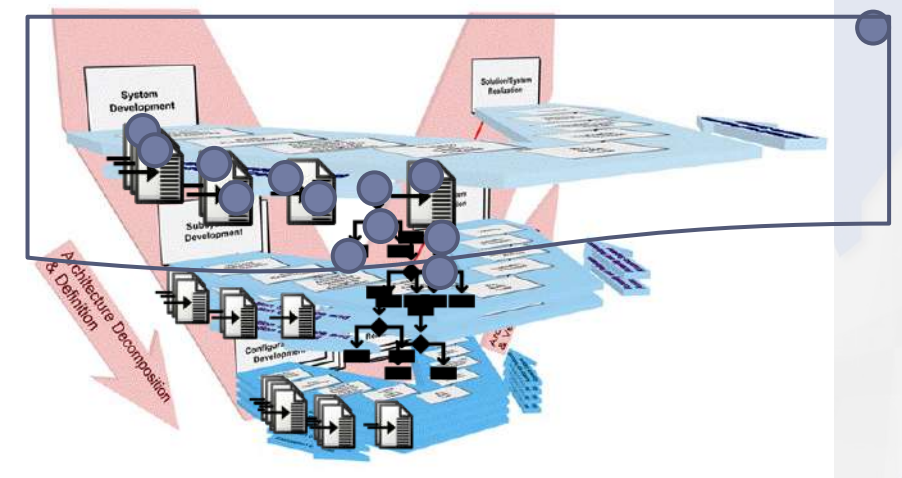
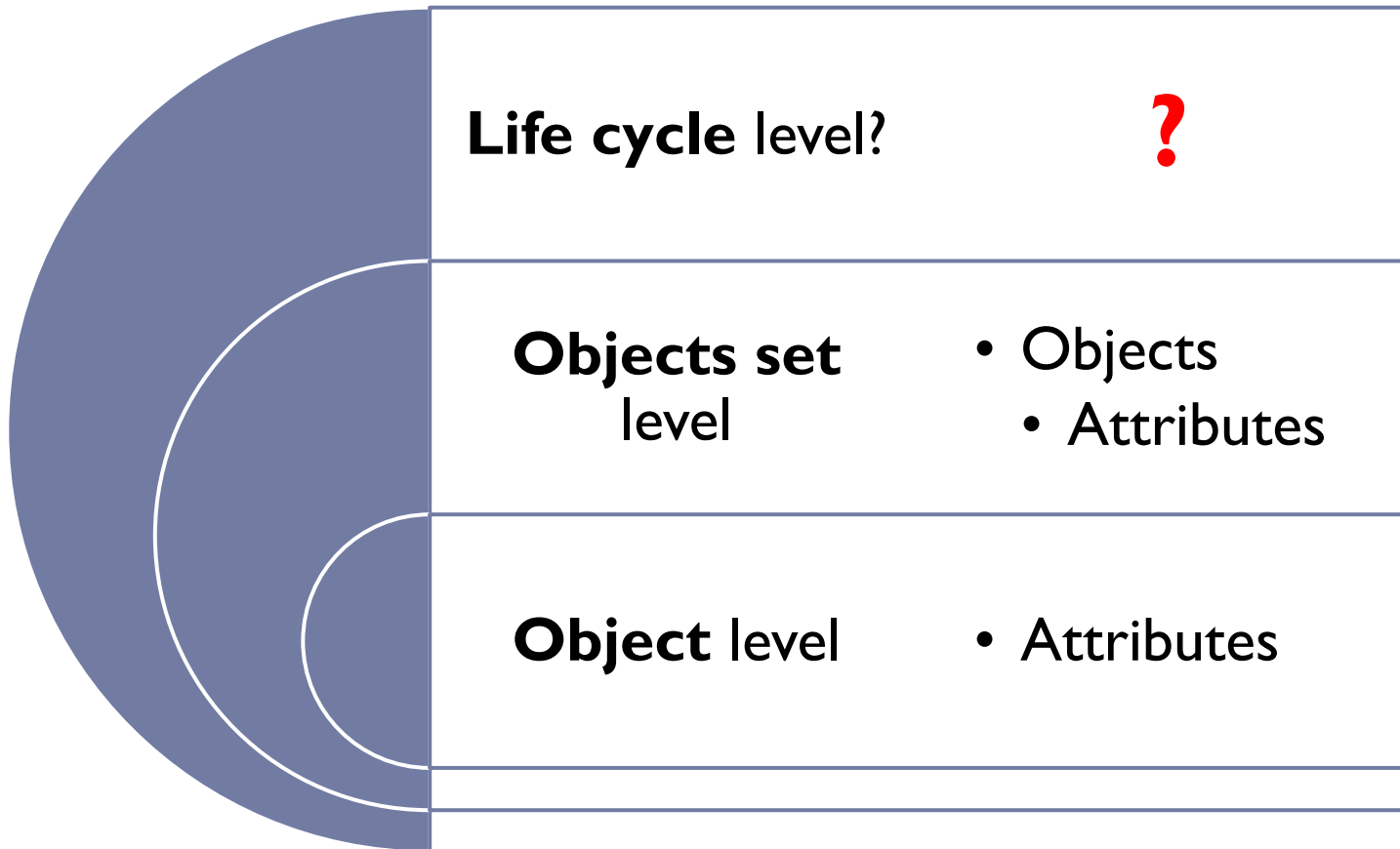
- **Complex** System Development = **Complex** monitoring of change impact
- Interaction with Decision & Risk Management:

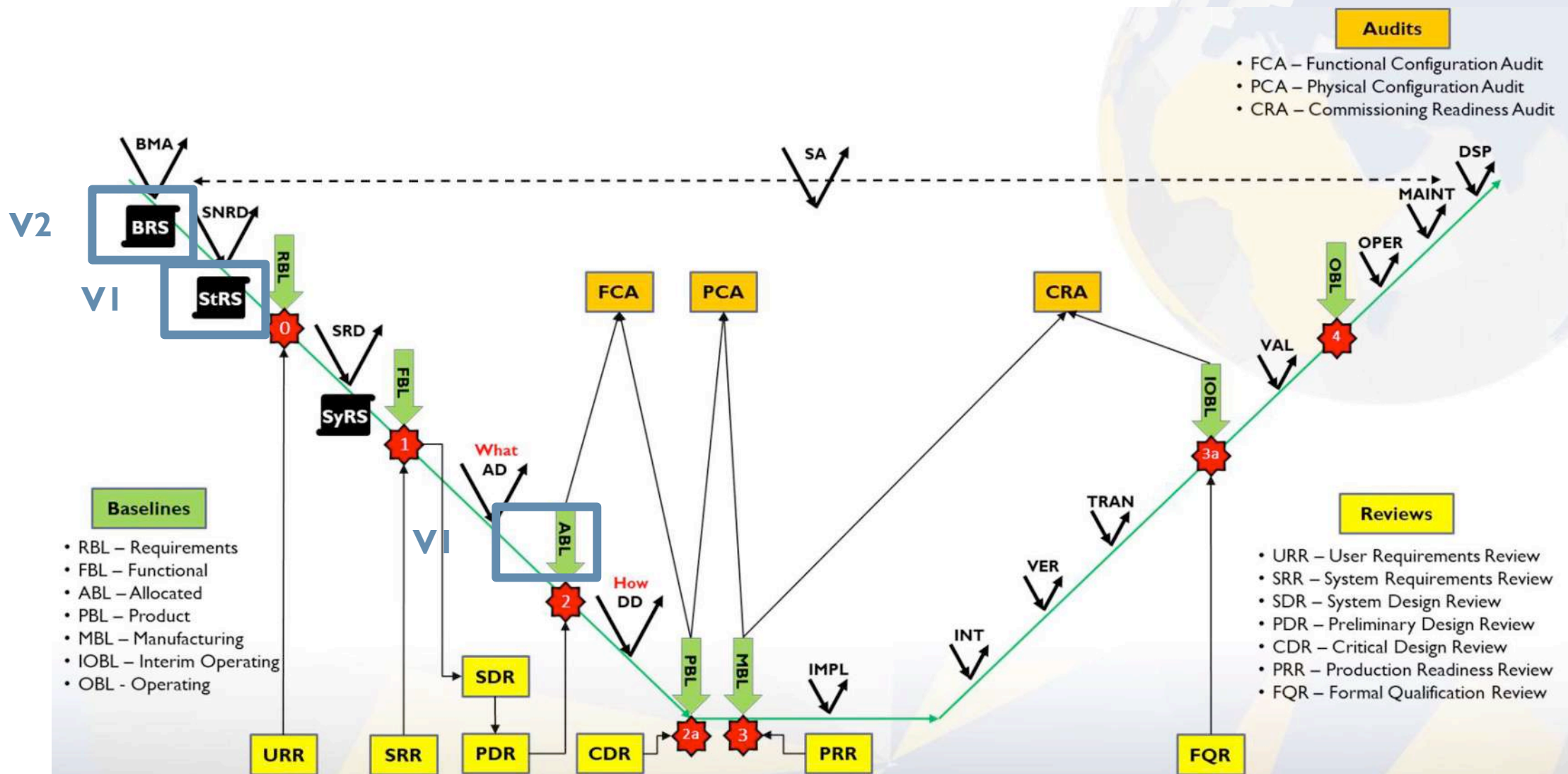


- Change in 1 activity impacts **several decisions** over the life cycle
- 1 decision might impact **several activities** over the life cycle

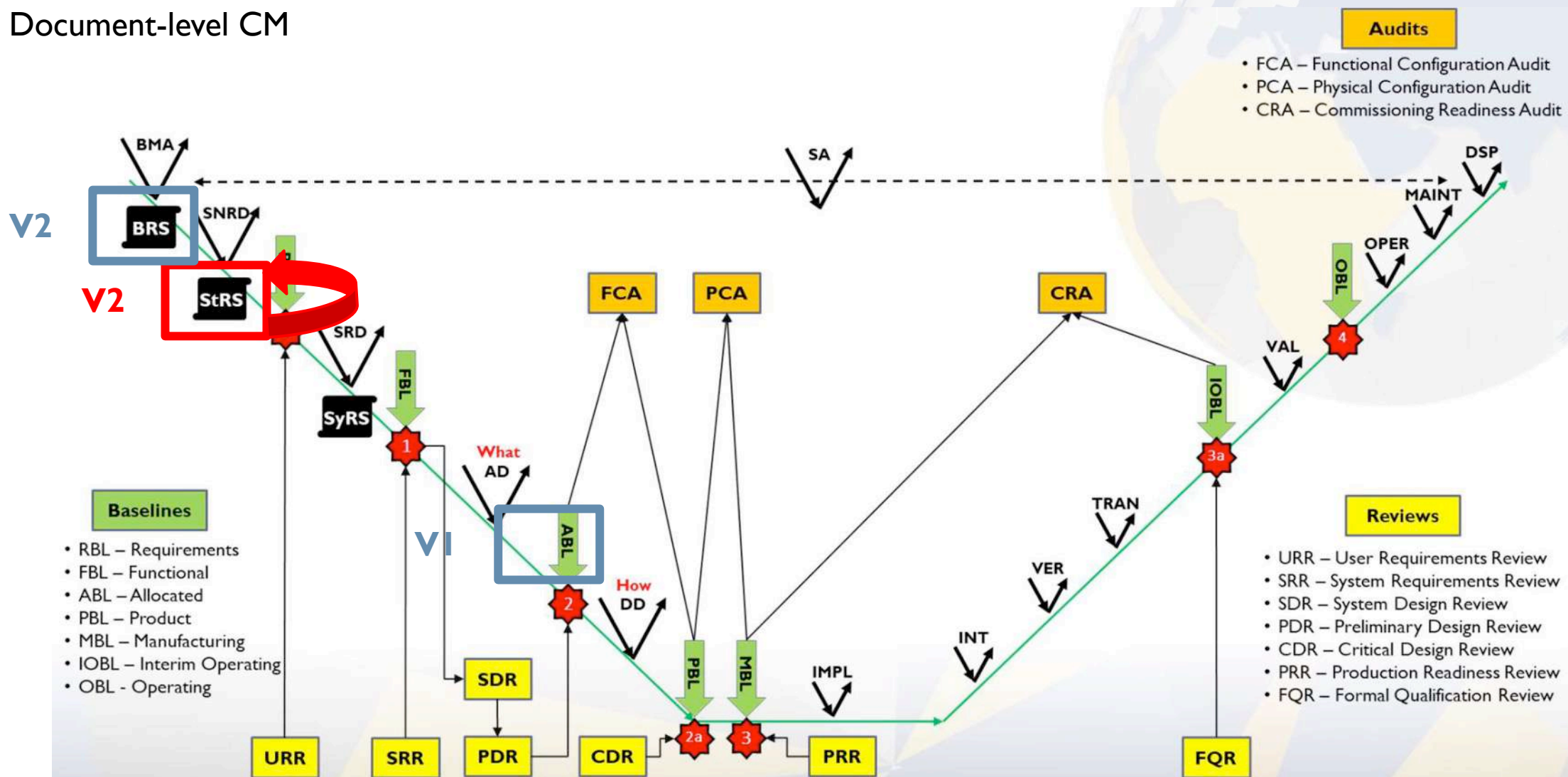
! Need for a holistic approach of Configuration Management

CM process levels



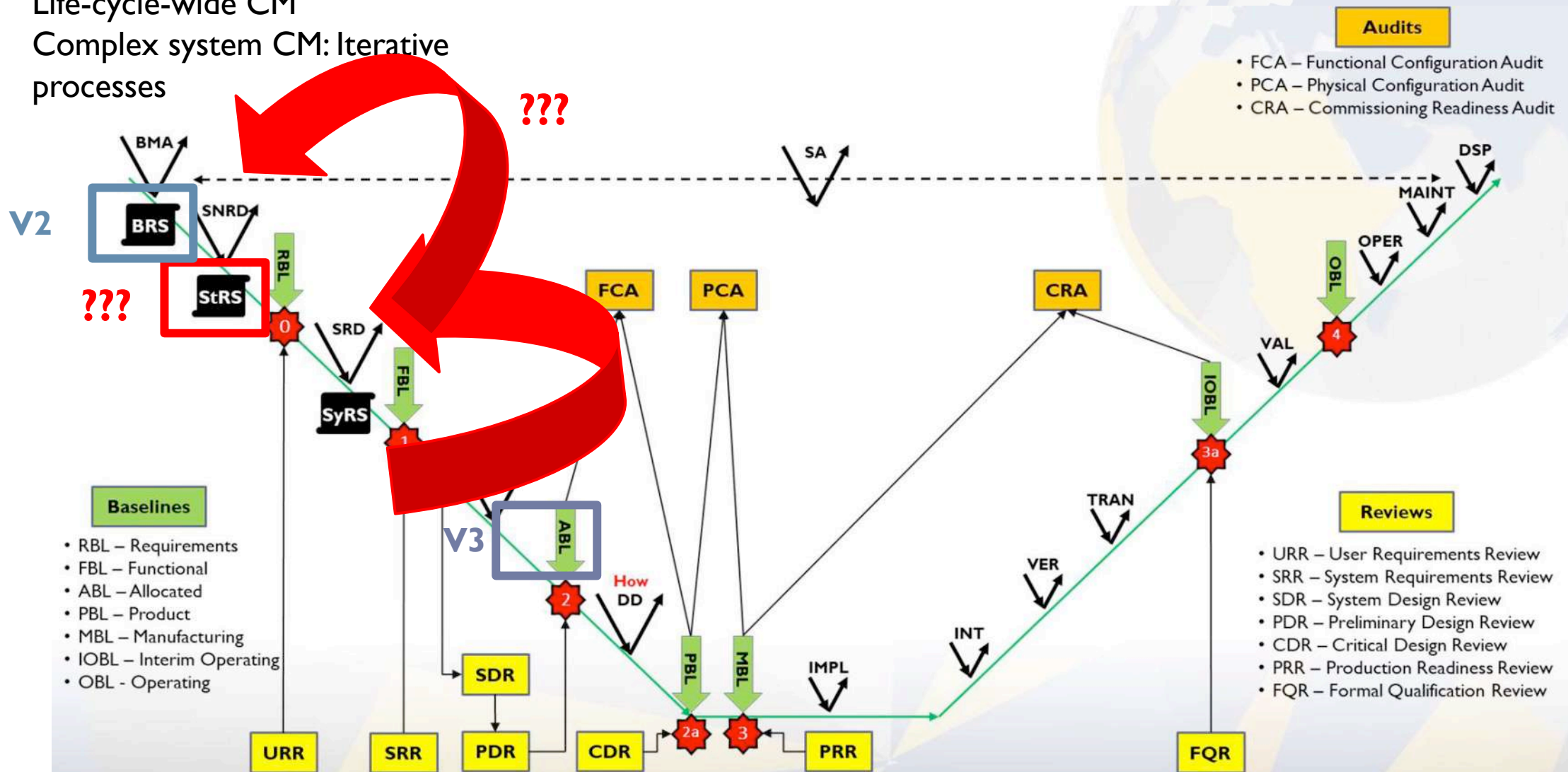


Document-level CM



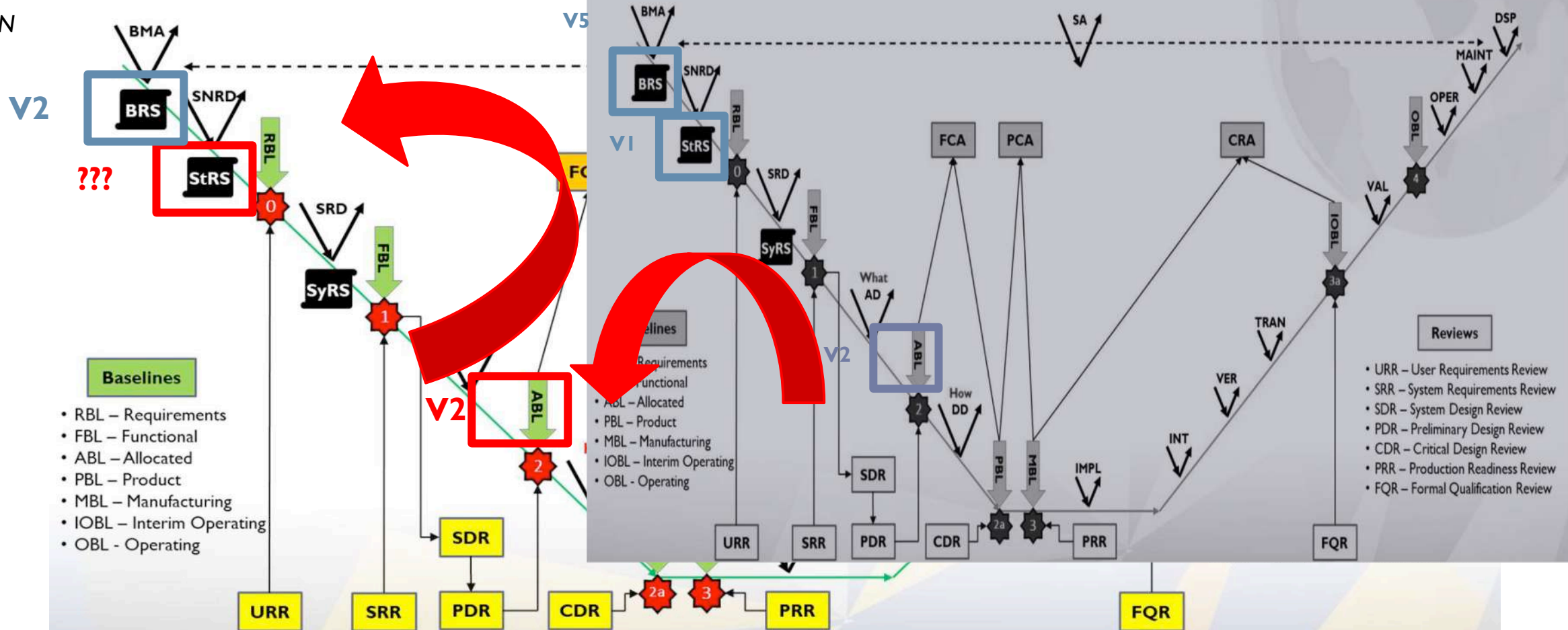
Life-cycle-wide CM

Complex system CM: Iterative processes

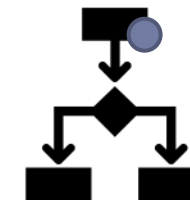
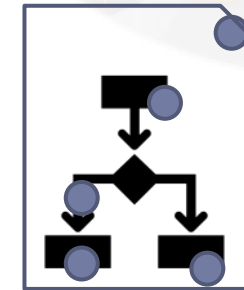
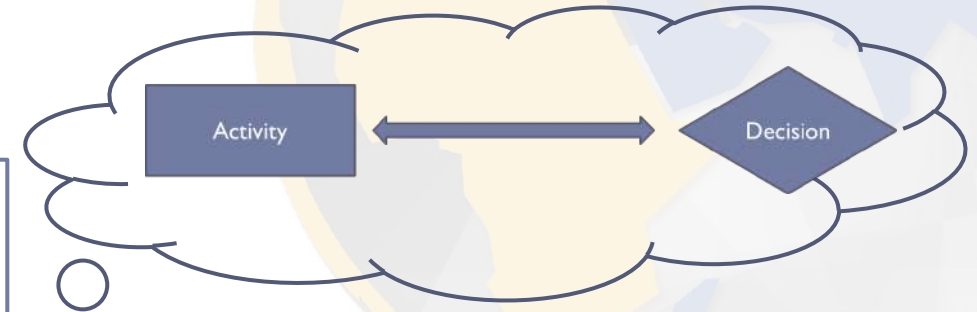
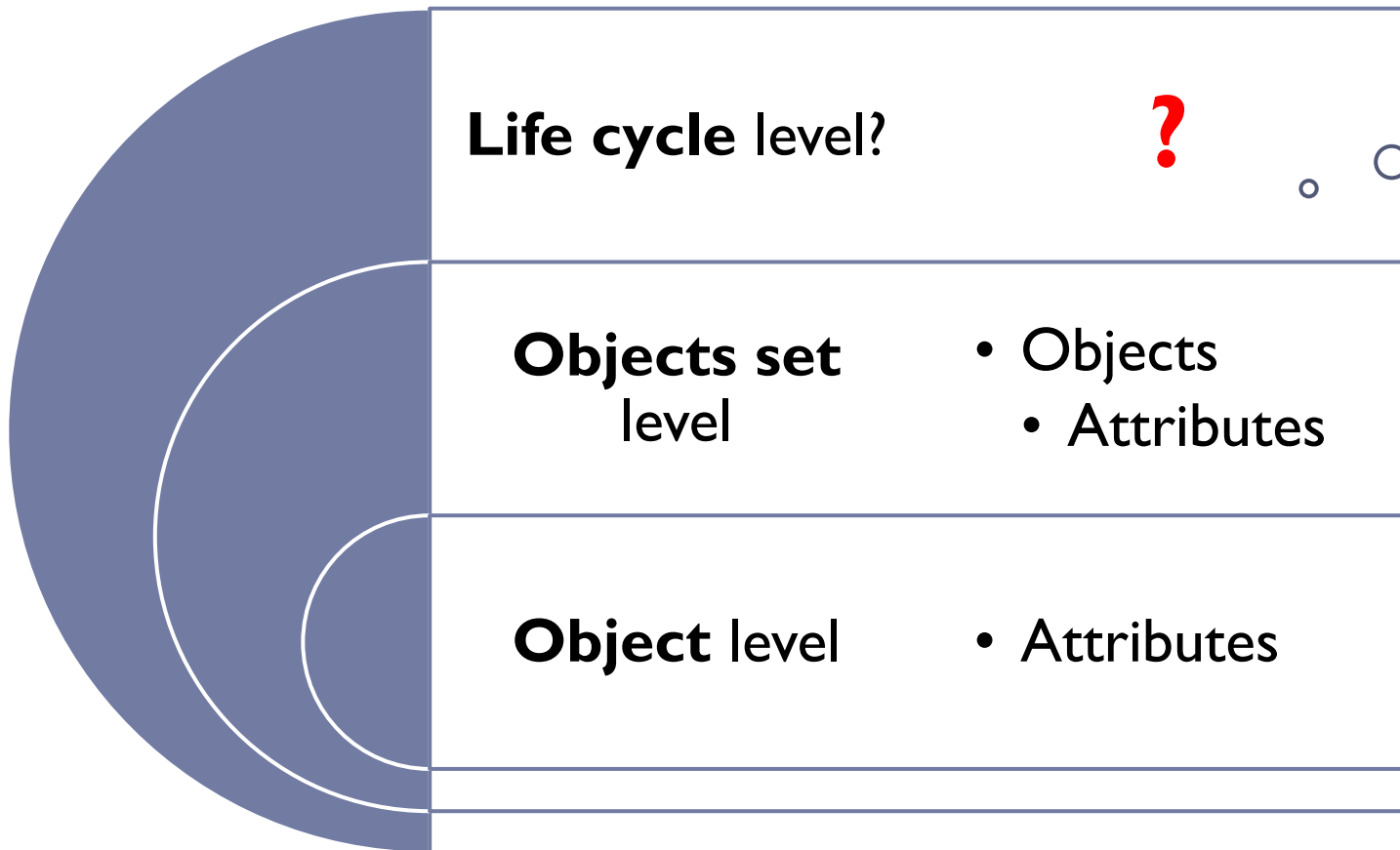


Life-cycle-wide CM Complex system CM: Recursive processes

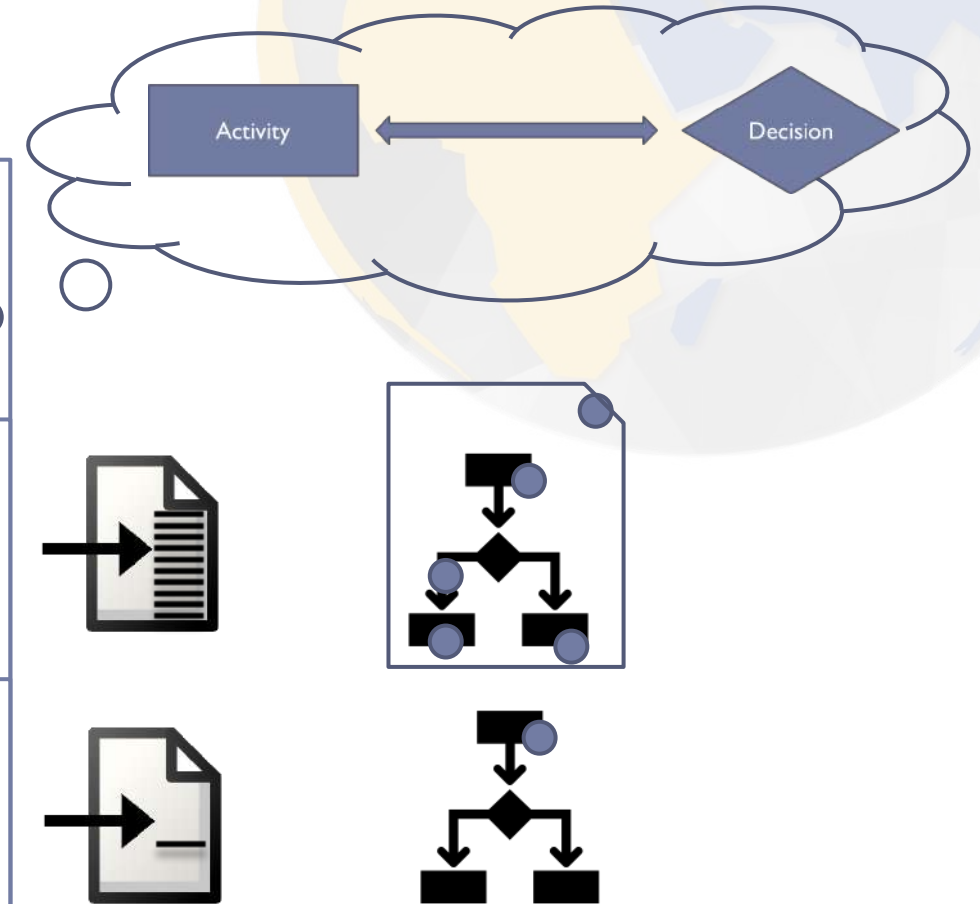
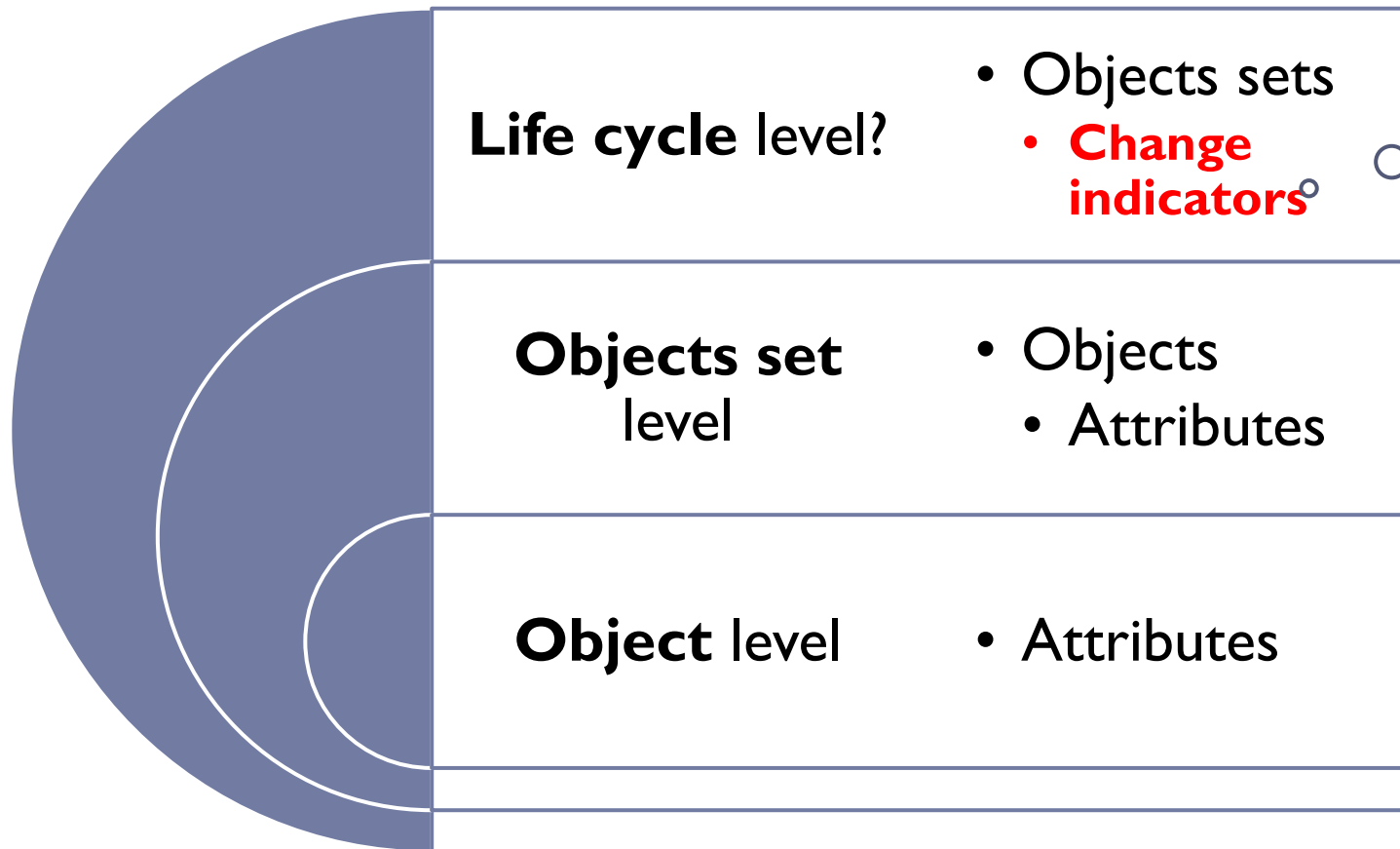
Level N



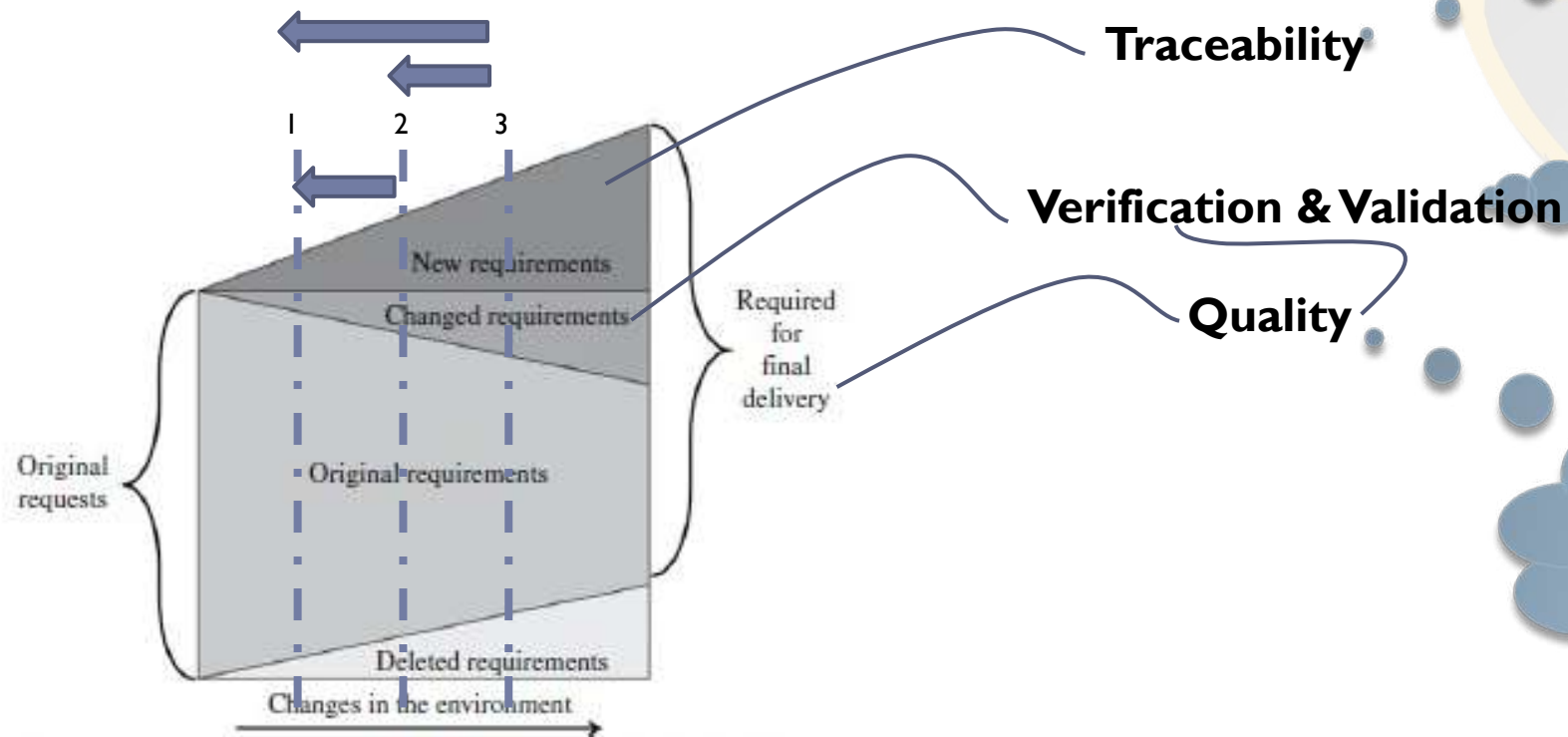
CM process levels



CM process levels



Life Cycle Change indicators → Life Cycle KPIs



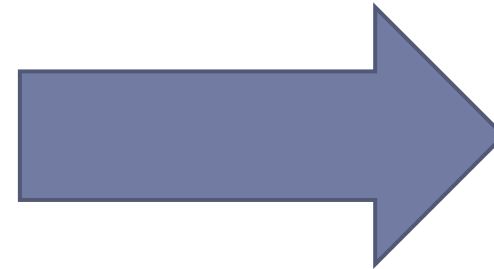
Untraced requirements ?
(Orphans)

Am I still fulfilling
system requirements
(Ver.) & fulfilling
stakeholder needs
(Val.)

Are the
requirements /
models specified
properly ?
(characteristics)

FIGURE 5.9 Requirements changes are inevitable. Derived from (Forsberg et al., 2005) Figure 9.3. Reprinted with permission from Kevin Forsberg. All other rights reserved.

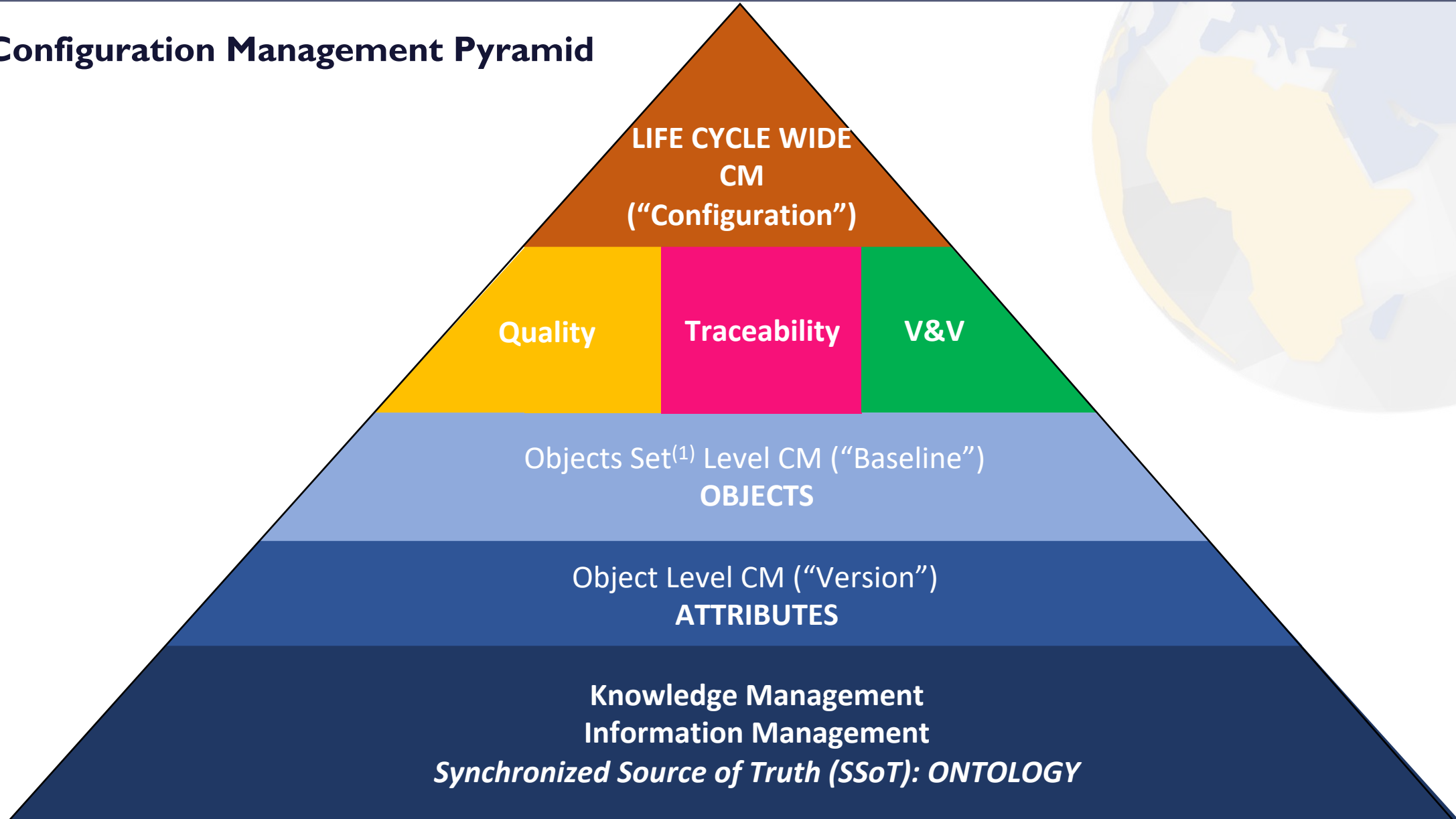
- **Quality** Indicators
 - % high/medium/low-quality rated work products
 - % attributes specified
 - % properties defined
- **Traceability** Indicators
 - % missing traces (by trace type)
 - % suspect links
 - Automated / manual traceability ratio
 - Traceability Matrix
- **V&V** Indicators
 - % Verified/Not verified (Validated/Not validated) elements
 - # verification (validation) actions performed
 - Source elements coverage
 - ...



Activity Progress Indicators



Configuration Management Pyramid



› Configuration Management Pyramid



Quality

Change in internal procedures or standards/regulations might affect quality assessment results and therefore impact decisions at life cycle.



Traceability

Ensures it maintains a 100% traceability between the work products to avoid orphan work products

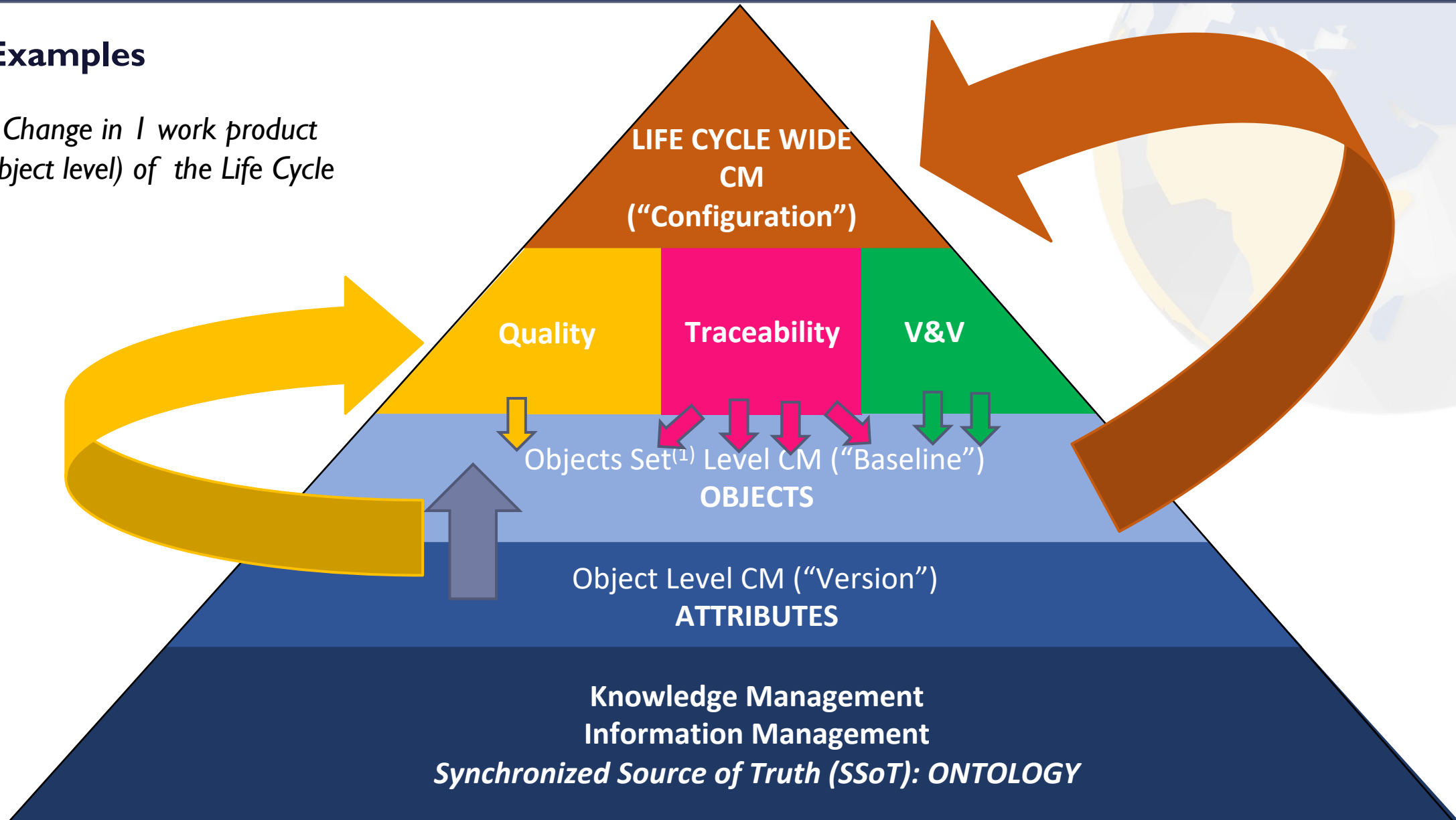


V&V

Change in system requirements & stakeholder needs must be applied to the previously defined verification / validation actions.
Work product verification / validation to be updated.

Examples

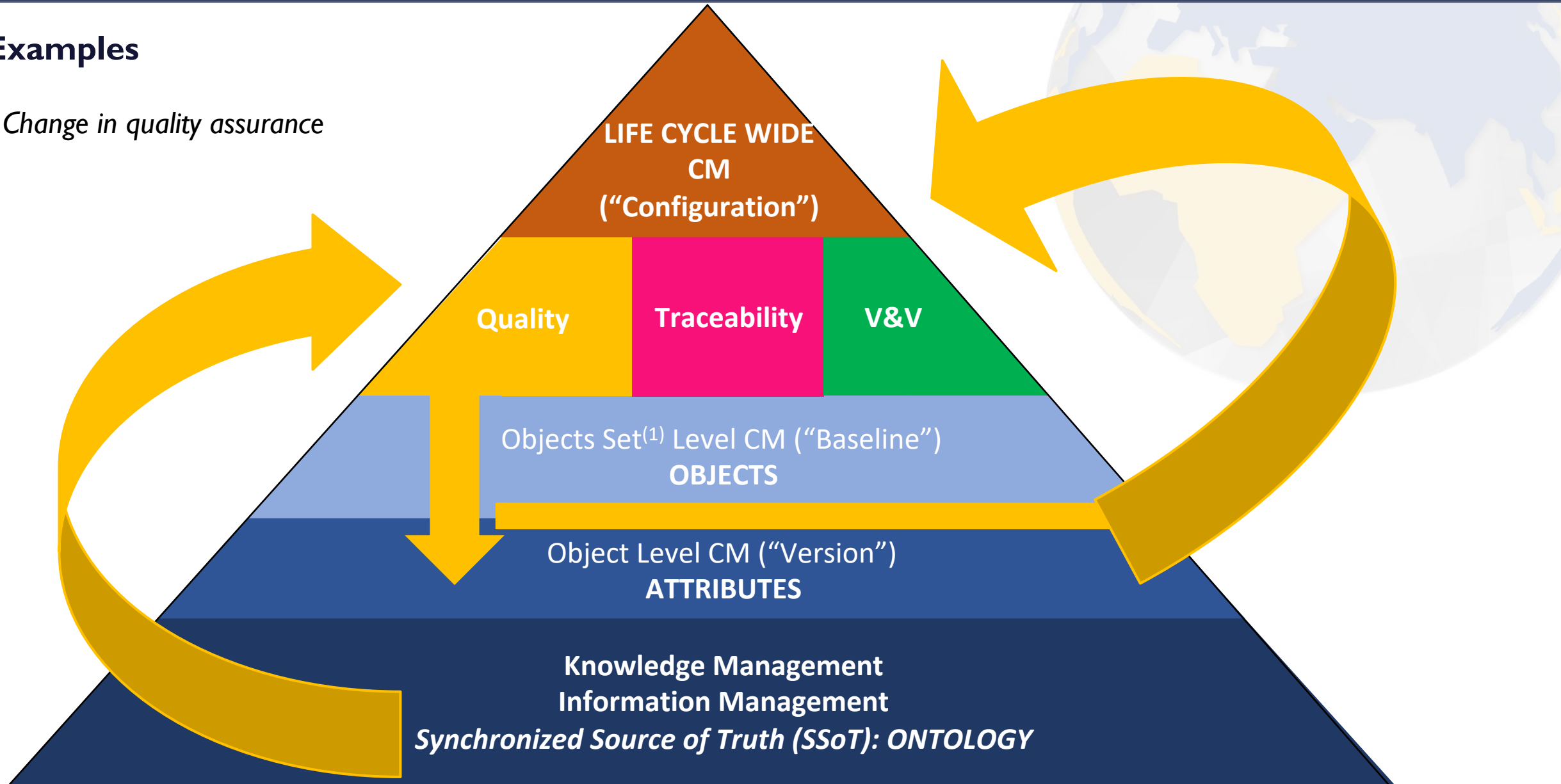
*I. Change in I work product
(object level) of the Life Cycle*

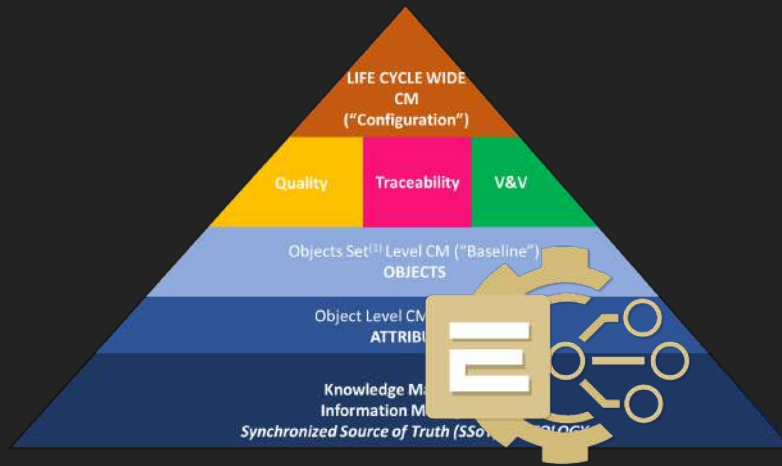




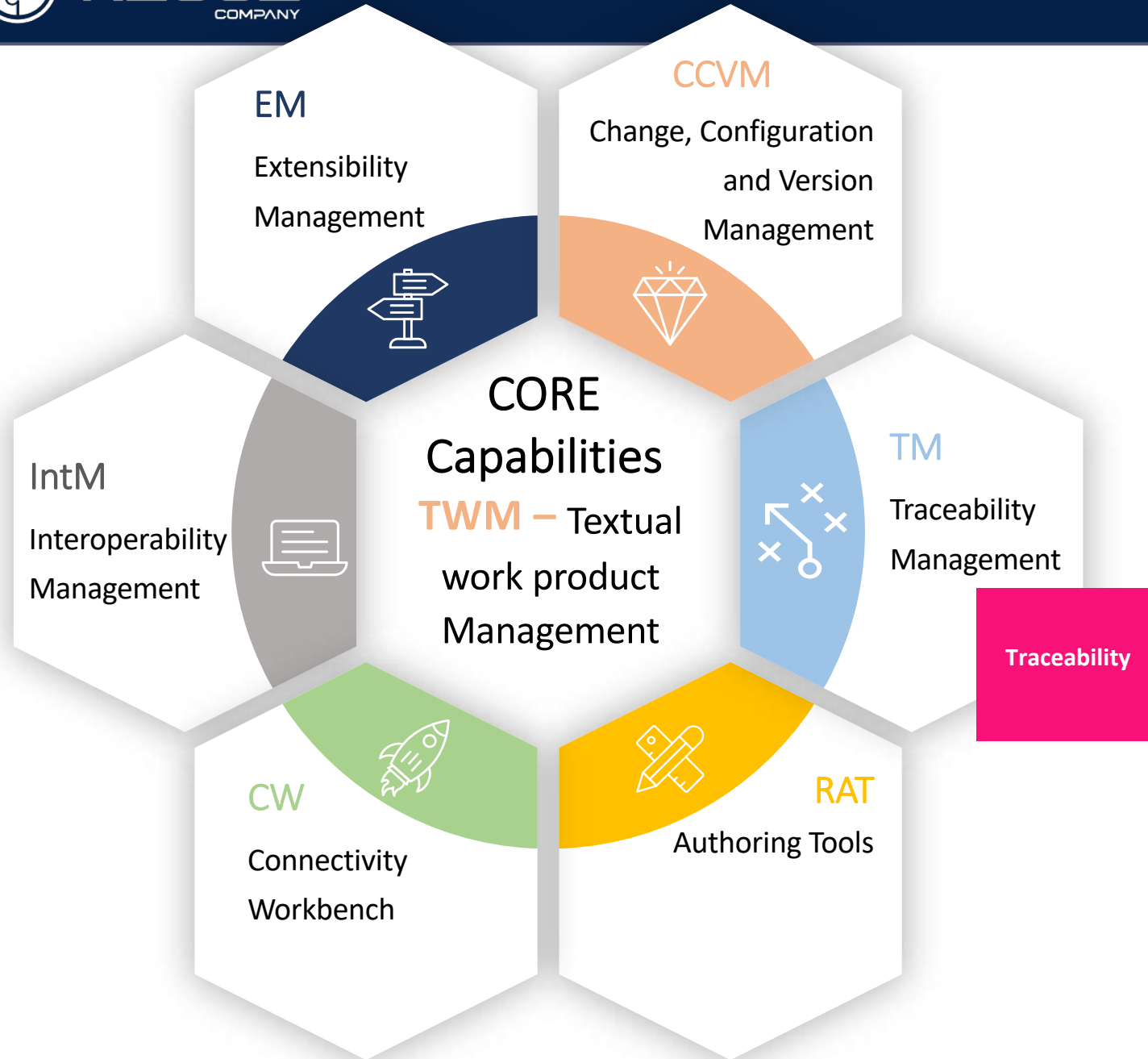
Examples

2. Change in quality assurance



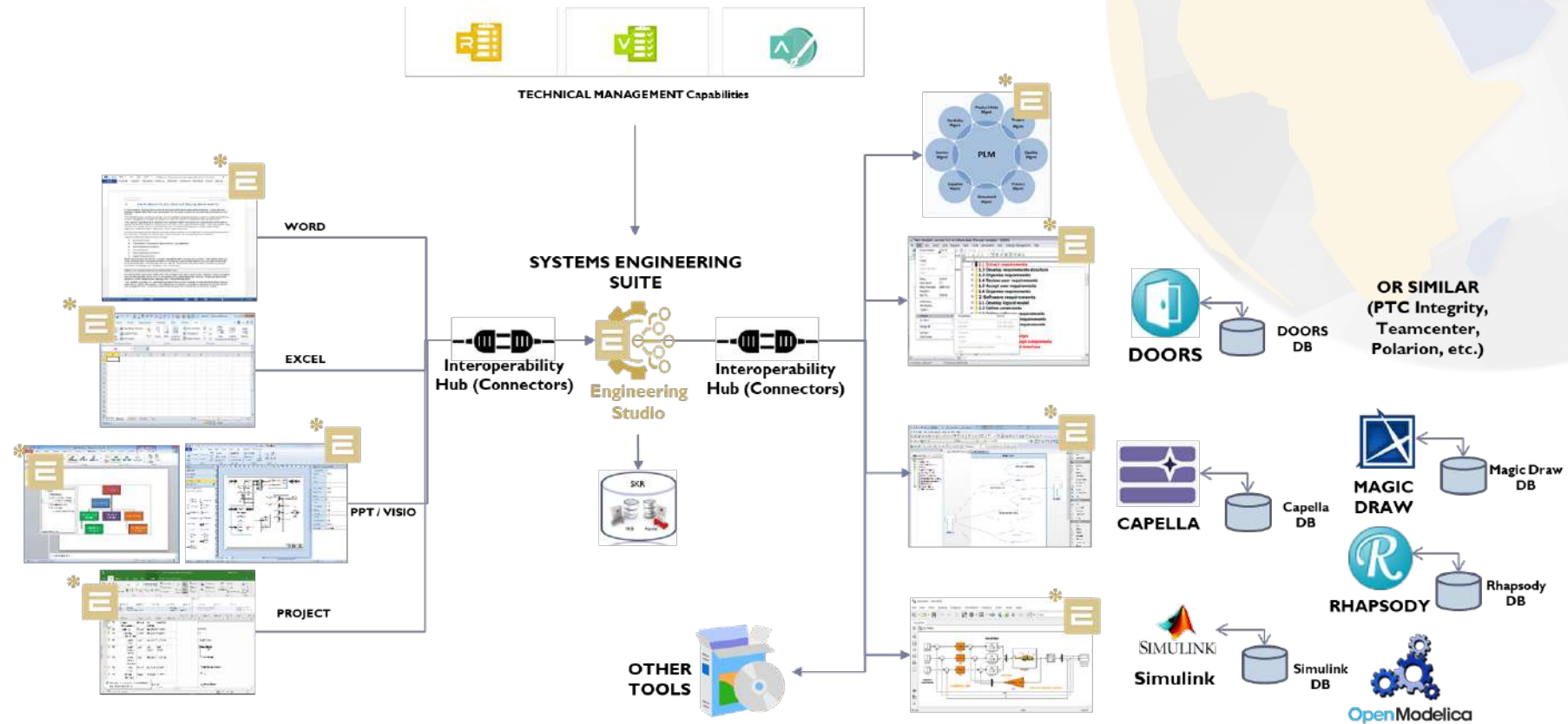


CM approach in SES ENGINEERING Studio





- SES ENGINEERING Studio = Multi-capability platform to perform SE activities across the system life cycle

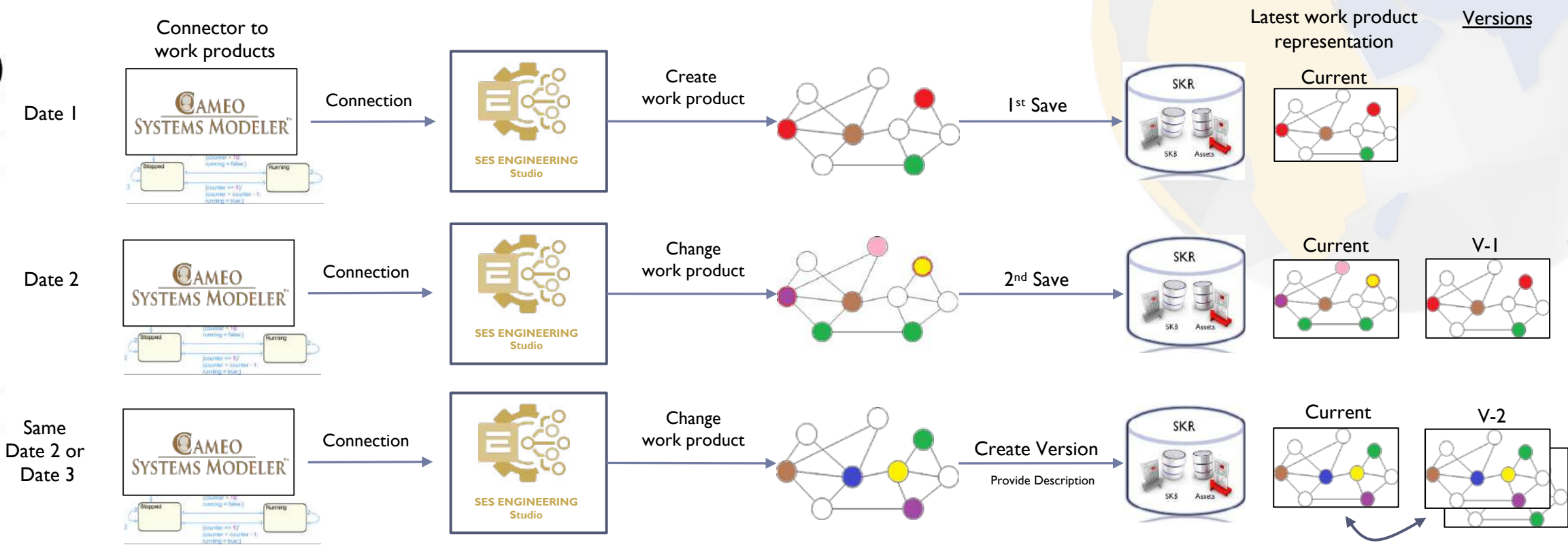


- Main tool of the **Systems Engineering Suite (SES)**.



- Configuration Management Process (ISO 15288, Project Processes)
- Configuration Management at Workproduct Level
 - Scope: 1 workproduct (1 req, 1 model, 1 test case, ...)
- Cases where a new version is generated (automatic & manual):
 - Automatic: Whenever there are unsaved changes, and the user decides to save them.
 - Automatic: When including a workproduct within the Traceability system (creating a trace).
 - Manual: When a version is created by the user.
 - Manual: In Lifecycle Management, when a configuration is created and the inner elements have changes, with regards to their last version.
- Operations on top: Diff details, Revert to version.



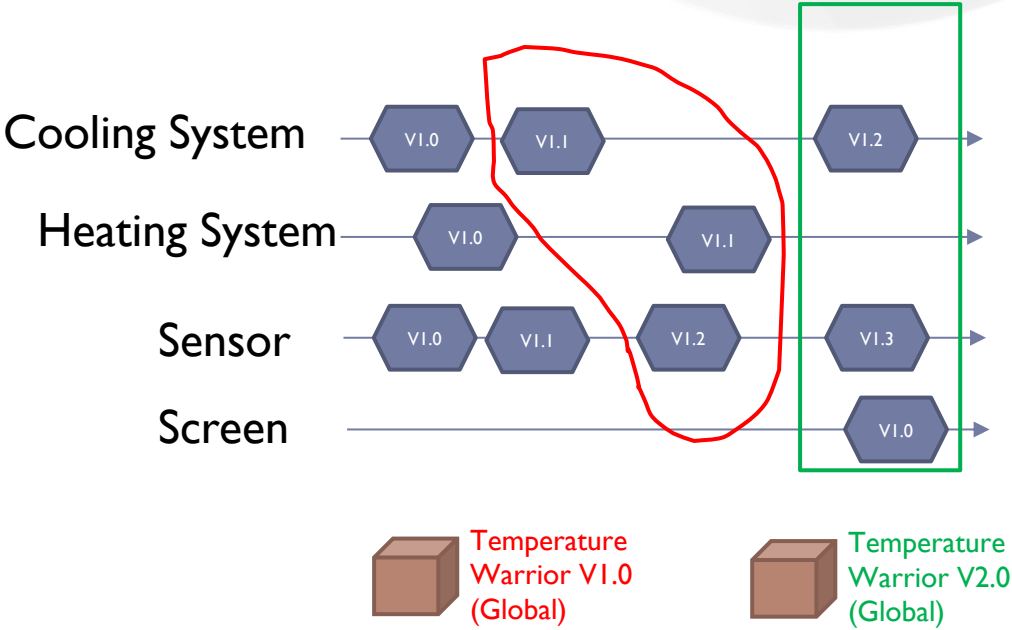
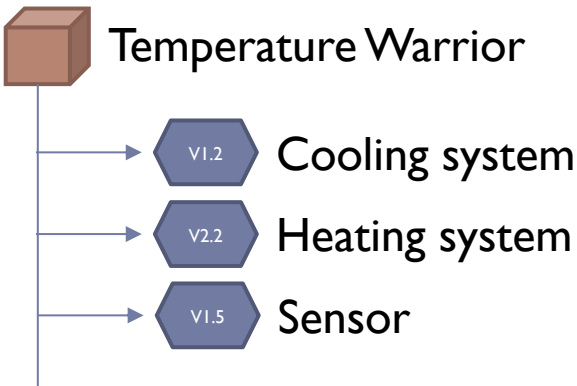


➤ Configuration Management Document / Project Level

➤ Baseline (Local)



➤ Global Configuration (Life Cycle)



SES ENGINEERING Studio

SES Connections Life Cycle Change Management Quality V&V Traceability Interoperability Reports

TW System Development TW System Development Life Cycle Template

Overview

Save Project started Hide Performance View Show Gantt Show Dashboard

+ Add Activity View log Assess selected Update technical management for selected

X Delete Refresh Assess all Update technical management for all

Define group Refresh Update configuration

General Options Views Tree Management Verification Action Technical Management Configuration Management

Performance View TW System Development

Name	↓ ↑	State	Progress	Activity Verification Action	Correctness	Consistency	Completeness	Verification	Validation	Suspect traces	Traced elements
TW System Development	1	Not Completed	84%	Not Calculated							
TW - Statement of Work	1	Done	100%	Not Defined							
TW - Stakeholder Requirements - After "TW - Statement of Work"	2	Done	100%	Not Defined							
TW - System Requirements - After "TW - Stakeholder Requirements"	3	Done	100%	Not Defined							
Requirements Verification against INCOSE Guidelines - After "TW - System Req	4	Assessed With Rema	70%	Not Defined							
TW - Capella Model - After "Requ											

Differences

#1 Configuration 'Initial Version', by 'SESAdministrator' on [11/28/2022 19:00:32] View Current

Name	Version	↓ ↑	State	Progress	Activity Verification Action	Correctness	Consistency	Completeness	Verification	Validation	Suspect traces	Traced elements
TW System Develop	2	1	Not Completed	84%	Not Calculated							
TW - Statement	2	1	Done	100%	Not Defined							
TW - Stakeholde	2	2	Done	100%	Not Defined							
TW - System Re	2	3	Done	100%	Not Defined							
Requirements V	2	4	Assessed With Rema	70%	Not Defined							
TW - Capella Mo	2	5	In Progress	50%	Not Defined							

6 Activities

#1 Configuration 'Initial Version', by 'SESAdministrator' on [11/28/2022 19:00:32]

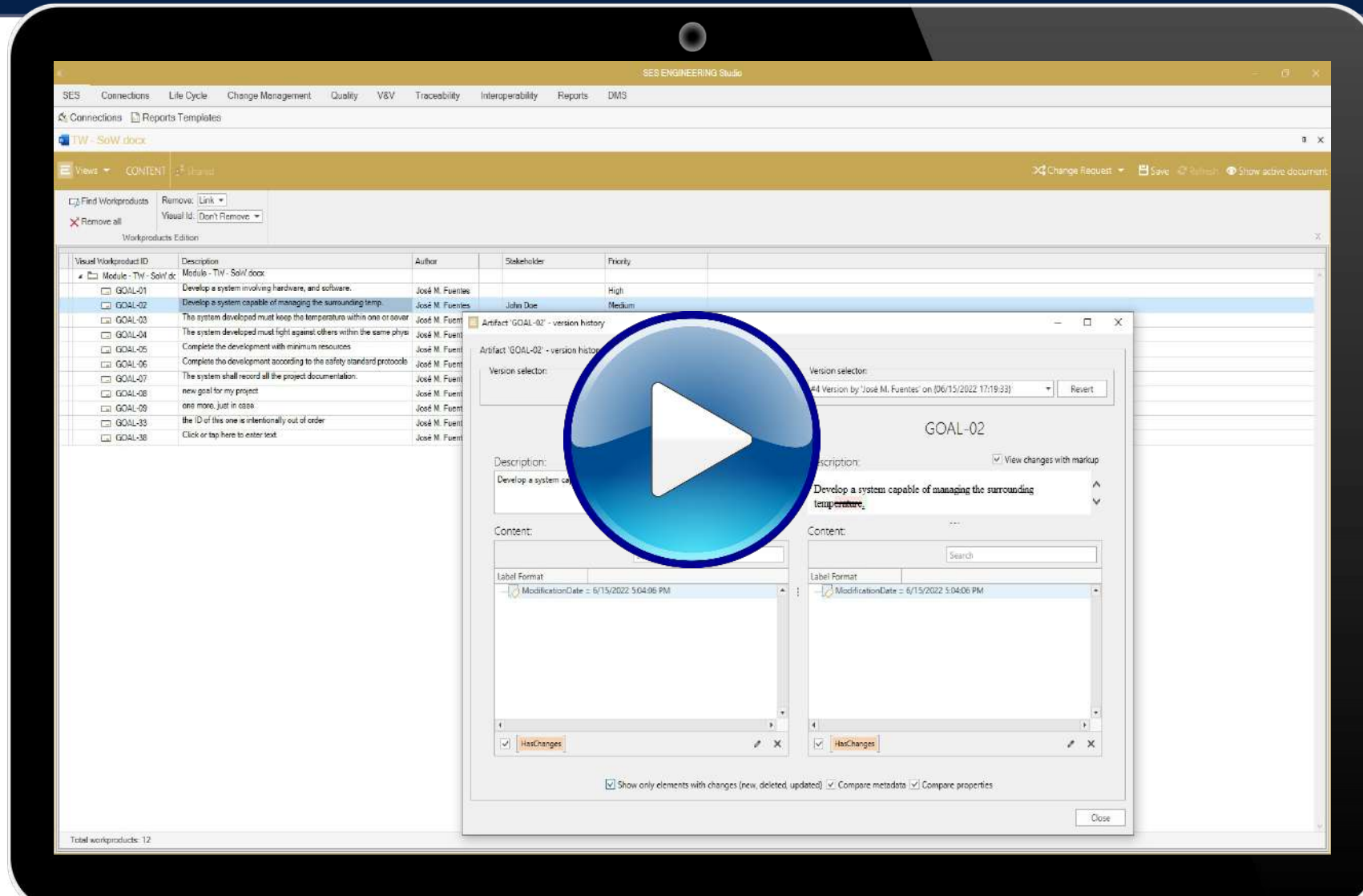
Name	Version	↓ ↑	State	Progress	Activity Verification Action	Correctness	Consistency	Completeness	Verification	Validation	Suspect traces	Traced elements
TW System Develop	1	1	Not Completed	0%	Not Calculated							
TW - Statement	1	1	Not Started	0%	Not Defined							
TW - Stakeholde	1	2	Not Started	0%	Not Defined							
TW - System Re	1	3	Not Started	0%	Not Defined							
Requirements V	1	4	Not Started	0%	Not Defined							
TW - Capella Mo	1	5	Not Started	0%	Not Defined							

6 Activities

Show differences Close



Live Demo Configuration Management





Use case #1: Object level / Objects set level CM

SES ENGINEERING Studio

SES Connections Life Cycle Change Management Quality V&V Traceability Interoperability Reports

TW - Stakeholder Requirements

Views CONTENT Shared Change Request Save Refresh Close connection

SiRS

- SH-01 The Temperature Warrior shall maintain the environment temperature within the defined range.
- SH-02 The Temperature Warrior shall display information regarding the operation in the display device.
- SH-03 The Temperature Warrior shall register the time period in which the temperature of the sensor is within range.
- SH-04 At the end of each round, the Temperature Warrior shall display the total time within range.
- SH-05 The Temperature Warrior shall control the operation of the subsystems using the decision-making software.
- SH-06 The Temperature Warrior shall allow the input of configuration parameters.
- SH-07 The simple-form temperature ranges shall involve only one time interval.
- SH-08 The complex-form temperature ranges shall involve more than one time interval.
- SH-09 The maximum temperature allowed for the definition of the temperature ranges shall be 30 °C.
- SH-10 The minimum temperature allowed for the definition of the temperature ranges shall be 12 °C.
- SH-11 During the configuration state, the Temperature Warrior shall allow the input of temperature ranges as configuration parameters.
- SH-12 During the configuration state, the Temperature Warrior shall allow the input of the refresh time as configuration parameters.
- SH-13 During the configuration state, the Temperature Warrior shall allow the input of the combat times as parameters.
- SH-14 The configuration connection with the Temperature Warrior shall be remote.
- SH-15 The administrator shall configure the Temperature Warrior prior to each execution.
- SH-16 The Temperature Warrior shall receive the total combat time as a configuration parameter.
- SH-17 The administrator shall configure the Temperature Warrior using a laptop remotely connected to a router.
- SH-18 The Temperature Warrior shall have a Configuration state.
- SH-19 The Temperature Warrior shall have a Ready state.
- SH-20 The Temperature Warrior shall have a Combat state.
- SH-21 When the input parameters are confirmed to be valid, the Temperature Warrior shall enter the Ready state.
- SH-22 When the combat initialization is confirmed during the Ready Mode, the Temperature Warrior shall enter the Combat state.
- SH-23 The Temperature Warrior shall refrain from involving security risks to the administrator.
- SH-24 The building installations of the Temperature Warrior shall include electrical protection equipment.
- SH-25 The operators of the Temperature Warrior shall utilize insulating footwear with plastic materials.
- SH-26 The operation of the Temperature Warrior shall refrain from using fire.
- SH-27 The operation of the Temperature Warrior shall refrain from using water.
- SH-28 The temperature registered shall be inferior to 40 °C.
- SH-29 The temperature registered shall be superior to 12 °C.
- SH-30 The physical architectural design shall fulfil the regulation specified within the document "Normas Básicas NETDUINO".
- SH-31 The height of the Temperature Warrior shall be inferior to 50 cm.
- SH-32 The width of the Temperature Warrior shall be inferior to 50 cm.
- SH-33 The depth of the Temperature Warrior shall be inferior to 50 cm.
- SH-34 The protective walls shall be at least at a 10 cm radius sphere from the sensor.
- SH-35 The walls covering the sensor shall have a minimum 90 degree angle.
- SH-36 The walls surrounding the sensor shall be at a radius of 10 cm.
- SH-37 The Temperature Warrior shall utilize the basic components defined within the document "Normas Básicas NETDUINO".
- SH-38 The Temperature Warrior shall use a motherboard Netduino 2 Plus.
- SH-39 The Temperature Warrior shall utilize a .NET Microframework version 4.3.
- SH-40 The coding language of the Temperature Warrior shall be C#.

State in the repository	Code	Title	Description
Loaded	SH-SiRS	SiRS	SiRS
Loaded	SH-01		The Temperature Warrior shall maintain the environment temperature within the defined range.
Loaded	SH-02		The Temperature Warrior shall display information regarding the operation in the display device.
Loaded	SH-03		The Temperature Warrior shall register the time period in which the temperature of the sensor is within range.
Loaded	SH-04		At the end of each round, the Temperature Warrior shall display the total time within range.
Loaded	SH-05		The Temperature Warrior shall control the operation of the subsystems using the decision-making software.
Loaded	SH-06		The Temperature Warrior shall allow the input of configuration parameters.
Loaded	SH-07		The simple-form temperature ranges shall involve only one time interval.
Loaded	SH-08		The complex-form temperature ranges shall involve more than one time interval.
Loaded	SH-09		The maximum temperature allowed for the definition of the temperature ranges shall be 30 °C.
Loaded	SH-10		The minimum temperature allowed for the definition of the temperature ranges shall be 12 °C.
Loaded	SH-11		During the configuration state, the Temperature Warrior shall allow the input of temperature ranges as configuration parameters.
Loaded	SH-12		During the configuration state, the Temperature Warrior shall allow the input of the refresh time as configuration parameters.
Loaded	SH-13		During the configuration state, the Temperature Warrior shall allow the input of the combat times as parameters.
Loaded	SH-14		The configuration connection with the Temperature Warrior shall be remote.
Loaded	SH-15		The administrator shall configure the Temperature Warrior prior to each execution.
Loaded	SH-16		The Temperature Warrior shall receive the total combat time as a configuration parameter.
Loaded	SH-17		The administrator shall configure the Temperature Warrior using a laptop remotely connected to a router.
Loaded	SH-18		The Temperature Warrior shall have a Configuration state.
Loaded	SH-19		The Temperature Warrior shall have a Ready state.
Loaded	SH-20		The Temperature Warrior shall have a Combat state.
Loaded	SH-21		When the input parameters are confirmed to be valid, the Temperature Warrior shall enter the Ready state.
Loaded	SH-22		When the combat initialization is confirmed during the Ready Mode, the Temperature Warrior shall enter the Combat state.
Loaded	SH-23		The Temperature Warrior shall refrain from involving security risks to the administrator.
Loaded	SH-24		The building installations of the Temperature Warrior shall include electrical protection equipment.
Loaded	SH-25		The operators of the Temperature Warrior shall utilize insulating footwear with plastic materials.
Loaded	SH-26		The operation of the Temperature Warrior shall refrain from using fire.
Loaded	SH-27		The operation of the Temperature Warrior shall refrain from using water.
Loaded	SH-28		The temperature registered shall be inferior to 40 °C.
Loaded	SH-29		The temperature registered shall be superior to 12 °C.
Loaded	SH-30		The physical architectural design shall fulfil the regulation specified within the document "Normas Básicas NETDUINO".
Loaded	SH-31		The height of the Temperature Warrior shall be inferior to 50 cm.
Loaded	SH-32		The width of the Temperature Warrior shall be inferior to 50 cm.
Loaded	SH-33		The depth of the Temperature Warrior shall be inferior to 50 cm.
Loaded	SH-34		The protective walls shall be at least at a 10 cm radius sphere from the sensor.
Loaded	SH-35		The walls covering the sensor shall have a minimum 90 degree angle.
Loaded	SH-36		The walls surrounding the sensor shall be at a radius of 10 cm.
Loaded	SH-37		The Temperature Warrior shall utilize the basic components defined within the document "Normas Básicas NETDUINO".
Loaded	SH-38		The Temperature Warrior shall use a motherboard Netduino 2 Plus.

Total roots: 1

Total workproducts: 67



➤ Use case #2: Object level / Objects set level CM with Change Control

SES ENGINEERING Studio

SES Connections Life Cycle Change Management Quality V&V Traceability Interoperability Reports

TW - Stakeholder Requirements

Views CONTENT Shared Change Request Save Refresh Close connection

in the repository	Code	Title	Description
Loaded	<input checked="" type="checkbox"/> SHRS	SHRS	SHRS
Loaded	<input type="checkbox"/> SH-01	SH-01	The Temperature Warrior shall maintain the environment temperature within the defined range.
Loaded	<input type="checkbox"/> SH-02	SH-02	The Temperature Warrior shall display information regarding the operation in the display device.
Loaded	<input type="checkbox"/> SH-03	SH-03	The Temperature Warrior shall register the time period in which the temperature of the sensor is within range.
Loaded	<input type="checkbox"/> SH-04	SH-04	At the end of each round, the Temperature Warrior shall display the total time within range.
Loaded	<input type="checkbox"/> SH-05	SH-05	The Temperature Warrior shall control the operation of the subsystems using the decision-making software.
Loaded	<input type="checkbox"/> SH-06	SH-06	The Temperature Warrior shall allow the input of configuration parameters.
Loaded	<input type="checkbox"/> SH-07	SH-07	The simple form temperature ranges shall involve only one time interval.
Loaded	<input type="checkbox"/> SH-08	SH-08	The complex-form temperature ranges shall involve more than one time interval.
Loaded	<input type="checkbox"/> SH-09	SH-09	The maximum temperature allowed for the Temperature Warrior shall be 30 °C.
Loaded	<input type="checkbox"/> SH-10	SH-10	The minimum temperature allowed for the Temperature Warrior shall be 12 °C.
Loaded	<input type="checkbox"/> SH-11	SH-11	During the configuration stage, the Temperature Warrior shall register the temperature ranges as configuration parameters.
Loaded	<input type="checkbox"/> SH-12	SH-12	During the configuration stage, the Temperature Warrior shall refresh time as configuration parameter.
Loaded	<input type="checkbox"/> SH-13	SH-13	During the configuration stage, the Temperature Warrior shall combat times as parameters.
Loaded	<input type="checkbox"/> SH-14	SH-14	The configuration connection shall be established.
Loaded	<input type="checkbox"/> SH-15	SH-15	The administrator shall connect the Temperature Warrior to a router.
Loaded	<input type="checkbox"/> SH-16	SH-16	The Temperature Warrior shall enter the Ready state.
Loaded	<input type="checkbox"/> SH-17	SH-17	The administrator shall enter the Ready state.
Loaded	<input type="checkbox"/> SH-18	SH-18	The Temperature Warrior shall enter the Ready state.
Loaded	<input type="checkbox"/> SH-19	SH-19	The Temperature Warrior shall enter the Ready state.
Loaded	<input type="checkbox"/> SH-20	SH-20	The Temperature Warrior shall enter the Ready state.
Loaded	<input type="checkbox"/> SH-21	SH-21	When the input parameters are received, the Temperature Warrior shall enter the Ready state.
Loaded	<input type="checkbox"/> SH-22	SH-22	When the combat initialization is completed, the Temperature Warrior shall enter the Combat state.
Loaded	<input type="checkbox"/> SH-23	SH-23	The Temperature Warrior shall refrain from installing any risks to the administrator.
Loaded	<input type="checkbox"/> SH-24	SH-24	The building installations of the Temperature Warrior shall include electrical protection equipment.
Loaded	<input type="checkbox"/> SH-25	SH-25	The operators of the Temperature Warrior shall utilize insulating footwear with plastic materials.
Loaded	<input type="checkbox"/> SH-26	SH-26	The operation of the Temperature Warrior shall refrain from using fire.
Loaded	<input type="checkbox"/> SH-27	SH-27	The operation of the Temperature Warrior shall refrain from using water.
Loaded	<input type="checkbox"/> SH-28	SH-28	The temperature registered shall be inferior to 40 °C.
Loaded	<input type="checkbox"/> SH-29	SH-29	The temperature registered shall be superior to 12 °C.
Loaded	<input type="checkbox"/> SH-30	SH-30	The physical architectonic design shall fulfill the regulation specified within the document "Normas Básicas NETDUINO".
Loaded	<input type="checkbox"/> SH-31	SH-31	The height of the Temperature Warrior shall be inferior to 80 cm.
Loaded	<input type="checkbox"/> SH-32	SH-32	The width of the Temperature Warrior shall be inferior to 80 cm.
Loaded	<input type="checkbox"/> SH-33	SH-33	The depth of the Temperature Warrior shall be inferior to 80 cm.
Loaded	<input type="checkbox"/> SH-34	SH-34	The protective walls shall be at least at a 10 cm radius sphere from the sensor.
Loaded	<input type="checkbox"/> SH-35	SH-35	The walls covering the sensor shall have a minimum 90 degree angle.
Loaded	<input type="checkbox"/> SH-36	SH-36	The walls surrounding the sensor shall be at a radius of 10 cm.
Loaded	<input type="checkbox"/> SH-37	SH-37	The Temperature Warrior shall utilize the basic components defined within the document "Normas Básicas NETDUINO".
Loaded	<input type="checkbox"/> SH-38	SH-38	The Temperature Warrior shall use a motherboard Netduino 2 Plus.
Loaded	<input type="checkbox"/> SH-39	SH-39	The Temperature Warrior shall use a motherboard Netduino 2 Plus.
Loaded	<input type="checkbox"/> SH-40	SH-40	The Temperature Warrior shall use a motherboard Netduino 2 Plus.

Total roots: 1

Total workproducts: 67

The screenshot shows a web browser window with a yellow title bar. The browser's address bar is empty. The main content area displays a form with a table. The table has two columns: 'Last modified on' and 'Rationale'. The 'Last modified on' column contains a date and time: '2010-01-01 10:00:00'. The 'Rationale' column is empty. The browser window has standard window controls (minimize, maximize, close) in the title bar.







CONTROLLING THE VALUES OF YOUR SIGNALS IN TECHNICAL SPECIFICATIONS - HOW TO CONNECT YOUR REQUIREMENTS MANAGEMENT TOOL TO A PROJECT DICTIONARY

- ✧ *Have you ever dealt with low-level specifications involving signals and messages? How to know the exact name of the signals, and their possible values... requires a project dictionary that, in most cases, is far away from the Requirements Management tool.*
- ✧ *In this 15-minute webinar, you'll learn how the SES ENGINEERING Studio tackles this issue by connecting your preferred Requirements Management Tool (no matter which is your choice) to a project dictionary in real-time, suggesting the right names, checking the range of expected values, checking which signals can be sent or received by the components described in your textual requirements... and all this in a quick and simple manner.*

✧ **Dates:** December 13 and 15, 2022





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Enabling SMART Systems Engineering

THE REUSE COMPANY

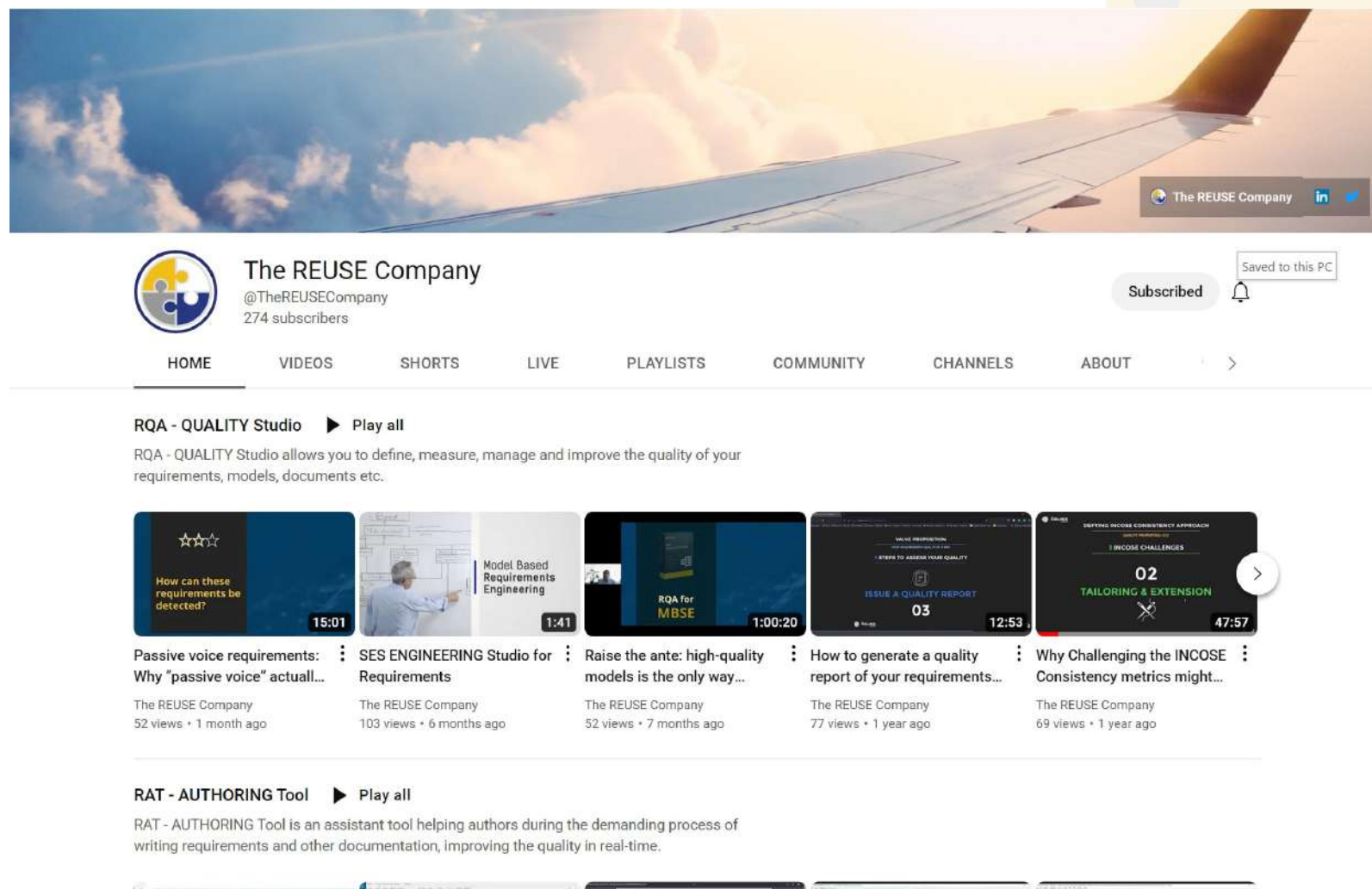
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 <p>Requirements management through AllG Contracts</p>	 <p>Connecting the Dots: Interoperability between your favourite Systems Engineering tools</p>	 <p>Semantic traceability: how to keep the digital thread all along the SE lifecycle</p>	 <p>The MBSE Podcast Trust us we are Systems Engineers MBSE around the world: Spain Guest: Juan Llorens MBSE around the world. Spain with Juan Llorens</p>
 <p>Passive voice requirements: Why "passive voice" actually can become a nightmare</p>	 <p>(In Spanish) Invitados al podcast 'Sistemistas': V&V ¿Qué es qué?</p>	 <p>Connecting textual requirements and Capella models (Invited presenters)</p>	 <p>Requirements Management: Managing data over entire life cycles</p>
 <p>How to kick off your KM – KNOWLEDGE Management project</p>	 <p>Taming the System Engineering Life cycle using Connectivity and Interoperability: the SES ENGINEERING Studio</p>	 <p>Raise the ante: high-quality models is the only way forward after high-quality requirements</p>	 <p>Digitalizing the V&V process on both sides of the V-Model</p>



➤ The REUSE Company in Youtube:

<https://www.youtube.com/user/TheREUSECompany>



The screenshot shows the YouTube channel page for 'The REUSE Company'. The header features a banner image of an airplane wing against a sunset sky. Below the banner is the channel's profile picture (a puzzle piece logo), name 'The REUSE Company', handle '@TheREUSECompany', and subscriber count '274 subscribers'. Navigation tabs include HOME, VIDEOS, SHORTS, LIVE, PLAYLISTS, COMMUNITY, CHANNELS, and ABOUT. A 'Subscribed' button and a 'Saved to this PC' notification are visible. The main content area displays a playlist titled 'RQA - QUALITY Studio' with a 'Play all' button. Below the playlist is a description: 'RQA - QUALITY Studio allows you to define, measure, manage and improve the quality of your requirements, models, documents etc.' A row of five video thumbnails is shown, each with a title, duration, and view count. The first video is 'Passive voice requirements: Why "passive voice" actually...' (15:01, 52 views). The second is 'SES ENGINEERING Studio for Requirements' (1:41, 103 views). The third is 'Raise the ante: high-quality models is the only way...' (1:00:20, 52 views). The fourth is 'How to generate a quality report of your requirements...' (12:53, 77 views). The fifth is 'Why Challenging the INCOSE Consistency metrics might...' (47:57, 69 views). Below the videos is another playlist titled 'RAT - AUTHORIZING Tool' with a 'Play all' button. A description follows: 'RAT - AUTHORIZING Tool is an assistant tool helping authors during the demanding process of writing requirements and other documentation, improving the quality in real-time.'

RQA - QUALITY Studio ▶ Play all

RQA - QUALITY Studio allows you to define, measure, manage and improve the quality of your requirements, models, documents etc.

Passive voice requirements: Why "passive voice" actually...
The REUSE Company
52 views • 1 month ago

SES ENGINEERING Studio for Requirements
The REUSE Company
103 views • 6 months ago

Raise the ante: high-quality models is the only way...
The REUSE Company
52 views • 7 months ago

How to generate a quality report of your requirements...
The REUSE Company
77 views • 1 year ago

Why Challenging the INCOSE Consistency metrics might...
The REUSE Company
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RAT - AUTHORIZING Tool ▶ Play all

RAT - AUTHORIZING Tool is an assistant tool helping authors during the demanding process of writing requirements and other documentation, improving the quality in real-time.



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