

> Webinar rules:

- > You'll be muted all along the Webinar
- There's a Question section to ask your questions or send your comments whenever you want
- > If you have any technical issue, please use the chat box (not the Question)
- > The Webinar will be recorded. A link to the recording will be sent to you in few days

Boosting Requirements Management capabilities in **MSWord:** Introduction to the SES Word Add-in



José M. Fuentes The REUSE Company Chief Operating Officer *jose.fuentes@reusecompany.com*





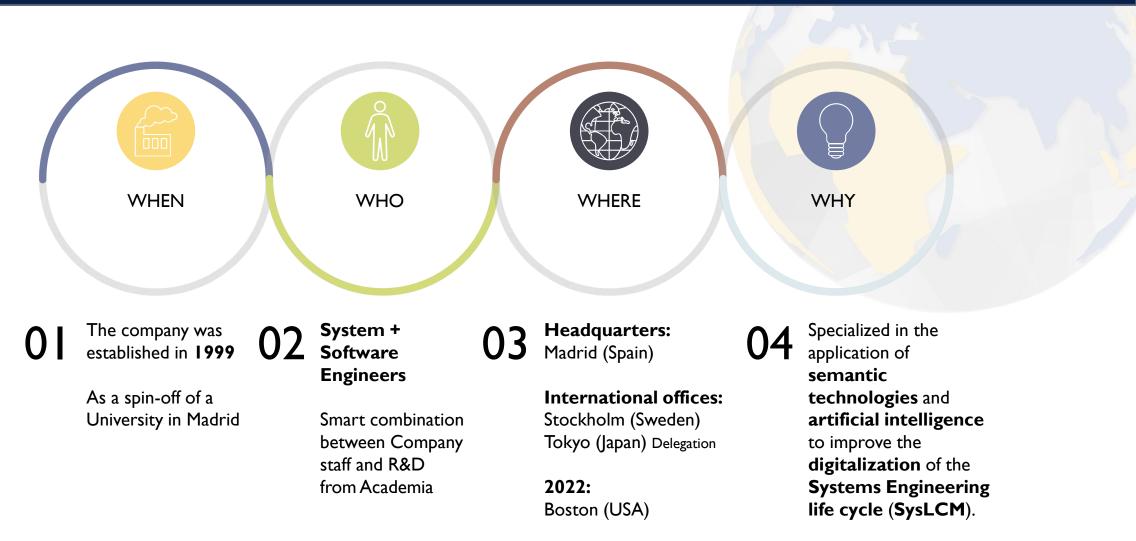
- Introduction to The REUSE Company and the speaker
- Microsoft Word: pros and cons
- Why are complex projects prone to fail?
- Missing RM Capabilities in MS Word
- The MS Word Addin of the Systems Engineering Suite
- 9 Episodes to demonstrate RM Capabilities in the Addin
- > Live demo
- > Q&A

All rights reserved © The REUSE Company 2023

Contents



Introduction to The REUSE Company



SES ENGINEERING Studio





> The Systems ENGINEERING Suite:

- RQA QUALITY Studio
- RAT AUTHORING Tool
- TRACEABILITY Studio
- > V&V Studio
- KM Knowledge Manager
- SES ENGINEERING Studio



José Fuentes



- Current Position: Chief Sales Manager of The REUSE Company
- Former Product Manager of RQA and the Systems Engineering Suite
- INCOSE CSEP Certified
- Graduated in the INCOSE Institute for Technical Leadership
- > Member of the board of AEIS The Spanish chapter of INCOSE
- > Active contributor to the INCOSE Guide to Writing Requirements
- Other certifications: ITIL
- > Other interests: Project Management, Business Analysis, Risk Management



Microsoft Word Pros and Cons







Survey

\equiv Active poll



Join at slido.com #3137 299

I use MS Word to manage requirements

Never
0%

In some small projects
0%

In many of my project 0%

Almost always

Always

0 왕



Why are complex projects (commonly) prone to fail?



Michelle Boucher: 6 Reasons your projects fail and how requirements management can help

- Requirements are not well defined
- Poor change management

WEBINARS 2023

- Lack of Single Source of Truth
- No link between requirements and tests
- Inability to trace requirements throughout the system lifecycle
- Lack for traceability for functional safety or standards

Source: https://www.ptc.com/en/blogs/plm/6-reasons-your-projects-fail



Missing RM Capabilities in **MS Word**





△ Active poll

0 왕

Survey

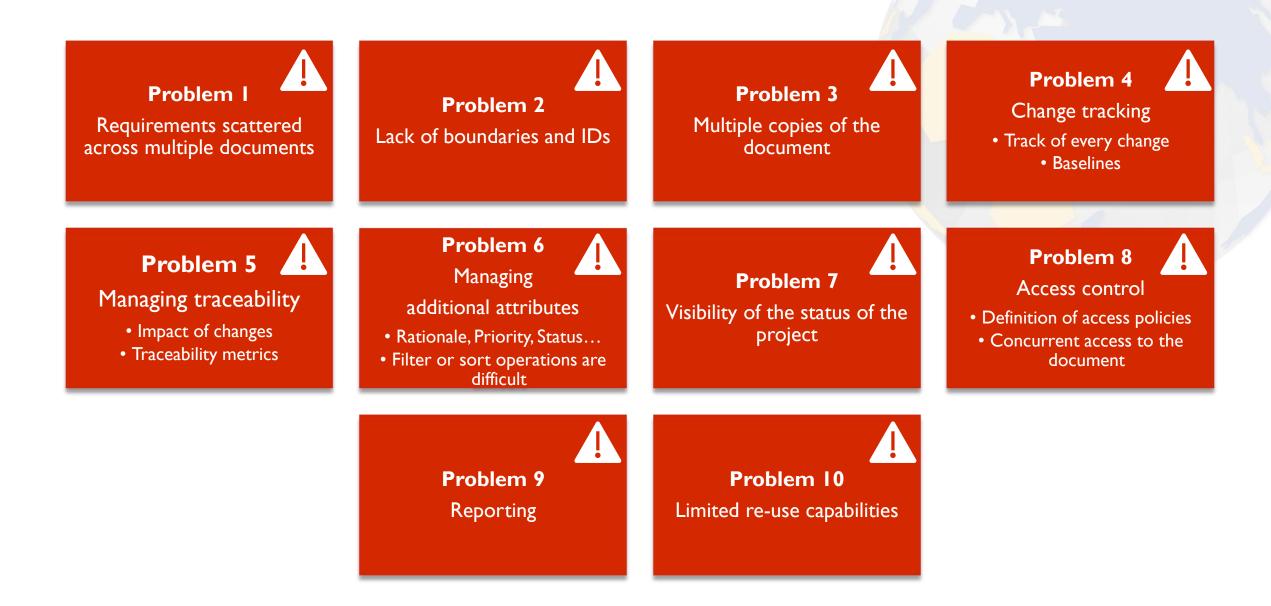


Join at slido.com #3137 299

Name the most important RE capabilities that you miss in MS Word

Missing RM Capabilities in MS Word







SES Add-in on top of MS Word



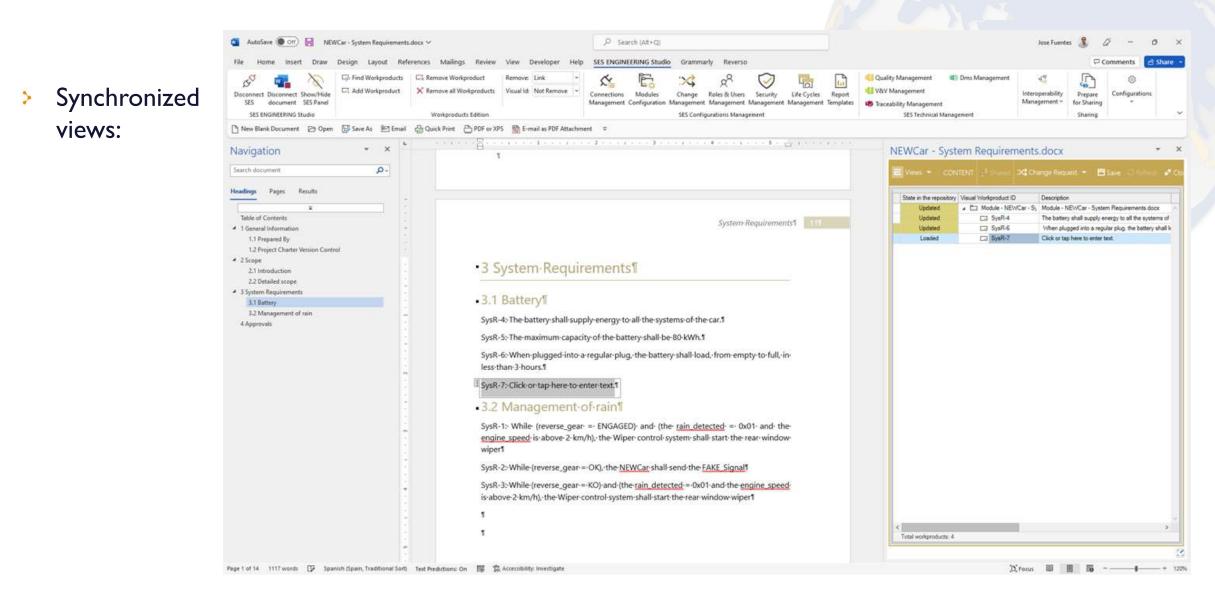
Main ribbon:

>



🗧 AutoSave 🖲 Off 📙 NEW	Car - System Requirements	.docx \cdot Saved to this PC \sim		, Р Sea	rch (Alt+Q)							Jose Fuent	es 🔱 l	× –	ð X
File Home Insert Draw	Design Layout Refe	erences Mailings Review	View Developer Help	SES ENGINE	ERING Studio	Grammar	ly Reverso						۶Q	omments	🖻 Share 👻
Disconnect Disconnect Show/Hide SES document SES Panel	☐ Find Workproducts	□ Remove Workproduct X [*] Remove all Workproducts	Remove: Link Visual Id: Not Remove	Connections Management	Modules Configuration	2	Roles & Users Management	,	Life Cycles Management	 Quality Management V&V Management< Traceability Management 	oms Management 🗐	्नु Interoperability Management ~	Prepare for Sharing	② Configuration ~	ns
SES ENGINEERING Studio		Workproducts Edition				SES Configu	urations Manag	jement		SES Technical M	lanagement		Sharing		~
L New Blank Document D Open D Save As D Email D Email D PDF or XPS B E-mail as PDF Attachment マ															



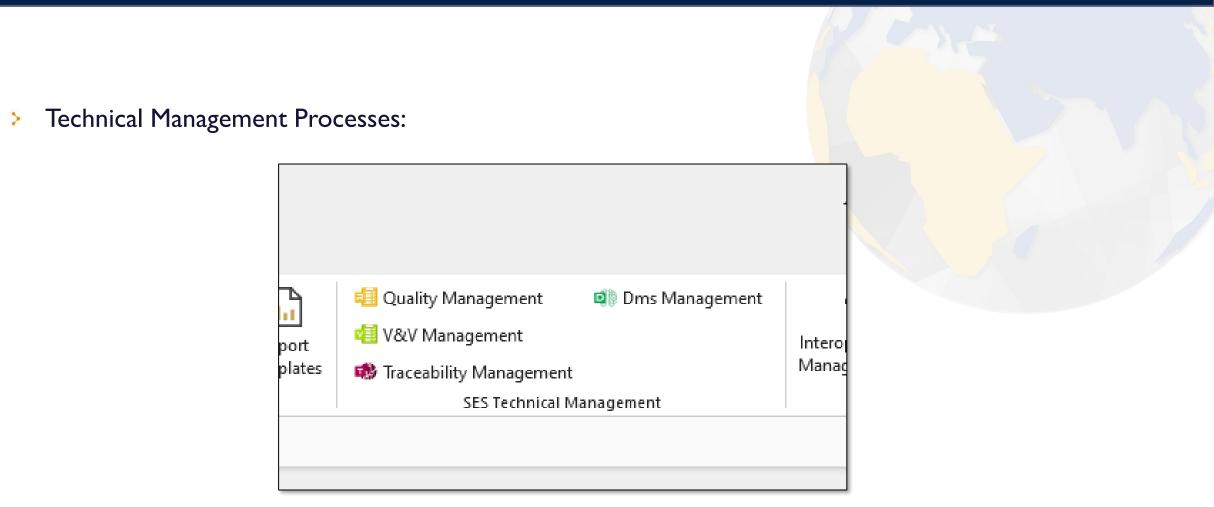




	₽ Search (Alt+Q)		Jose Fuentes 🤱 🖉 — Ō 🗙			
	SES ENGINEERING Studio	rammarly Reverso	🖓 Comments 🛛 🖉 Share 👻			
		🕻 x² 父 🖬	Cuality Management 🛛 🗐 Dms Managem	° 49 1		
		ange Roles & Users Security Report gement Management Management Templates	Traceability Management	Interoperability Prepare Configurations Management for Sharing ~		
Requirements		jurations Management	SES Technical Management	Sharing		
	nt ⊽					
Management						
		NEWCar - System Requir	ements.docx	* X		
Capabilities:				The Market Mark		
Capadilities:		E Views - CONTENT	od -	🗟 Save 😳 Refresh 🖉 Close connection		
		State in the repository Visual Workproduc	ct ID Description	Author		
		Losded - Module - Mod				
		Loaded 🖂 SysR-				
		Loaded 🖂 SysR-	-6 When plugged into a regular plug, t / now, a new paragraph after the im	he battery shall load, from empty to full, in less than 3 hour José M. Fuentes lage		
	d- the-	Loaded 🖂 SysR- Loader 🖂 SysR-		H Add new Workproduct		
	indow-	Louis	System The meximum capacity of	Add and Author with quality assistance a new workproduct		
				Ledit and Author with quality assistance the select workproduct		
<u></u>				Delete selected Workproduct(s)		
Help SES ENGINEERING Studio Grammarly Reverso			& Show versions for this element	SQ Change Request • \$P Configuration Management •		
Thep SES ENGINEERING Studio Grammany Reverso			문 Create version for this element	P Computation management P View changes with the source		
			64 Create version for this element	Show Search Panel		
				🖬 Panes 🔸		
				📑 Show content		
Connections Modules Change Roles & Osers Security Elle Cycles R	eport			E Expand/Collapse •		
Management Configuration Management Management Management Management Ter	nplates 🗧			Select/Unselect •		
				🐼 Attributes 🔹		
SES Configurations Management				Columns •		
				Rows		
				Views		
				문 Save Views 응 Save current View as new		
				Visualization Model		
				C Reset View configuration to default state		
				Start binding		
				D Identity Card		
				Reports •		
				Co Manage Module Settings		
		Total workproducts: 5		🖞 Get Exclusive Access Level		
	1	Line and the second sec		Rebuild Formal Representation for selected Modules		
		1		に 「C, Focus 暗 目 師		



SES Add-in on top of MS Word





9 Episodes SES Addin for MS Word WEBINARS 2023

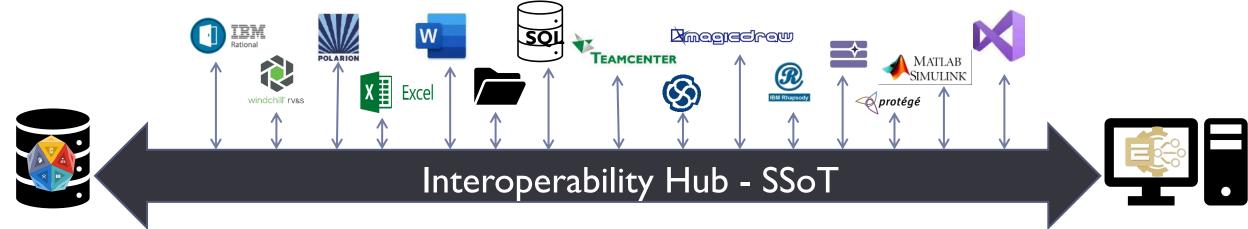
9 Episodes: SES Addin for MS Word



All rights reserved © The REUSE Company 2023



- SES ENGINEERING Studio has implemented the notion of Interoperability hub (SSoT Synchronized Source of Truth):
 - No one-to-one connector: every tool connects to the hub
 - Source tools from many different disciplines: RMS, MBSE, PLM, ALM, PDFs, DBMS, MS Excel, and MS Word
 - > No wipe-out approach at all, those source remain as the Authoritative Source of Truth (ASoT)
 - > Changes in the source are notified in the SES ENGINEERING Studio and arise the notion of suspect links
 - > Removed elements in the source are also shown, and arise alerts in traces
 - > Changes in the SES ENGINEERING Studio are persisted in the corresponding source tool (ASoT)



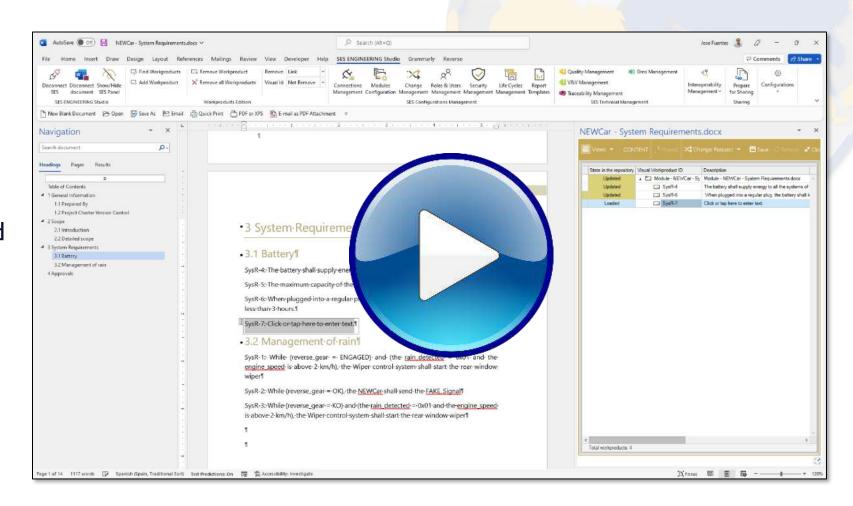


Demonstration



Steps:

- I. Open MS-Word
- 2. Choose your ontology
- 3. Connect to the ontology
- 4. Create requirements
- 5. Synchronize documental and engineering views
- 6. Same changes







Boosting MS Word with Requirements Management Capabilities

- 1. Introduction to the MS Word Add-in of SES ENGINEERING Studio
- 2. Writing high-quality requirements in MS Word
- 3. Parsing existing MS Word documents using different techniques.
- 4. Managing Requirements in MS Word.
- 5. Managing traceability in MS Word.
- 6. Transforming MS Word requirements.
- 7. Propagating changes from traceability links.
- 8. Collaboration
- 9. Reporting Systems Engineering artifacts through MS Word.

Sign up

Episode 2. Writing highquality requirements in MS Word

This episode will focus on the aid provided by the SES Add-in in writing requirements following the agreed rules and the agreed set of textual patterns.

Also, from this add-in an overall quality assessment shall be performed.

15

webinar

Date:

Tuesday, February 14, 2023, 9:00 AM CET (Madrid)/ 5:00 PM JST (Tokyo)/ 7:00 PM AEDT (Sydney) Thursday, February 16, 2023, 5:00 PM CET (Madrid)/ 8:00 AM PST (Los Angeles)/11:00 AM EST (Detroit)





Contact information



J



	osé	M.	Fu	ent	es
--	-----	----	----	-----	----















https://www.linkedin.com/in/josemiguelfuentes/





> www.reusecompany.com

- Resources -> Webinars (15' and 1hr) >
- Services >
- Support Forum >



Enabling SMART Systems Engineering

REUSE







MBSE around the world. Spain with Juan Llorens

Requirements management through AllG Contracts

Connecting the Dots: Interoperability between your favourite Systems Engineering tools

Semantic traceability: how to keep the digital thread all along the SE lifecycle



tas - Ep.16 - V&V con Juan





Requirements Management: Managing data over entire life cycles

Passive voice requirements: Why "passive voice" actually can become a nightmare

(In Spanish) Invitados al podcast 'Sistemistas': V&V ¿Qué es qué?

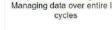
models (Invited presenters)





Products · Services · Resources · TRC Forum Support Company · Contact · O







How to kick off your KM -KNOWLEDGE Management project



Taming the System Engineering Life cycle using Connectivity and Interoperability: the SES ENGINEERING Studio



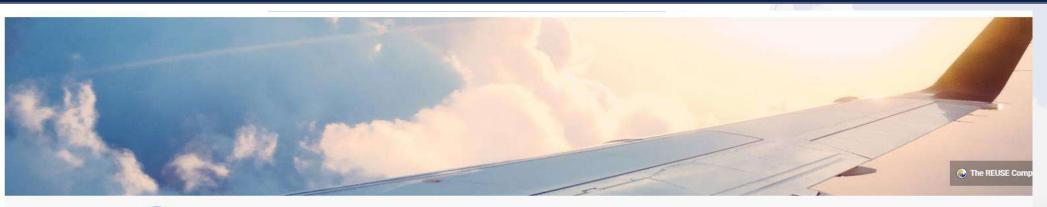
models is the only way forward

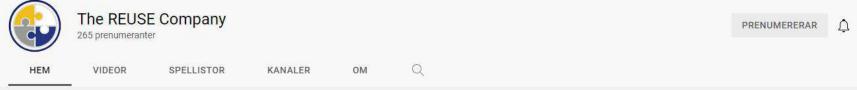
after high-quality requirements



Digitalizing the V&V process on both sides of the V-Model

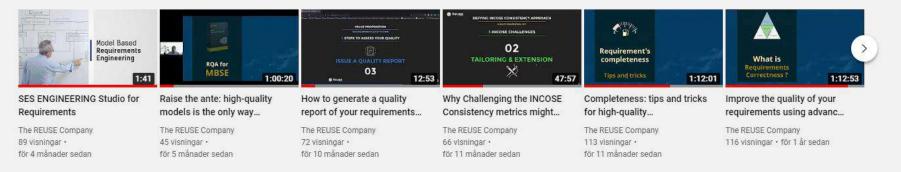






RQA - QUALITY Studio SPELA UPP ALLA

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



The REUSE Company in YouTube: https://www.youtube.com/user/TheREUSECompany



