



### > 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* 





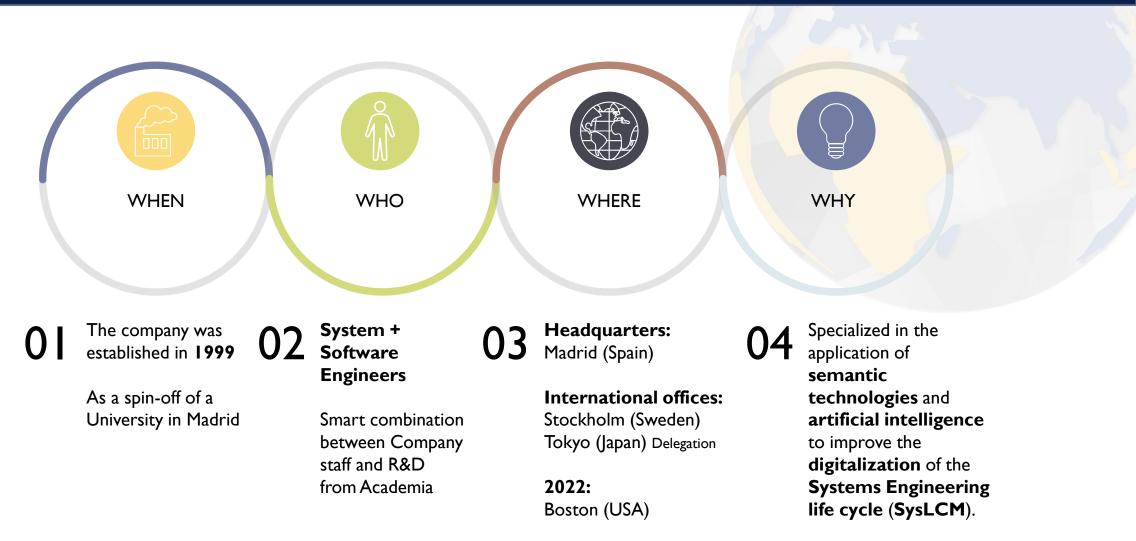
- Introduction to The REUSE Company and the speaker
- Microsoft Word: pros and cons
- Why are complex projects prone to fail?
- Missing RM Capabilities in MS Word
- The MS Word Addin of the Systems Engineering Suite
- 9 Episodes to demonstrate RM Capabilities in the Addin
- > Live demo
- > Q&A

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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

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Survey

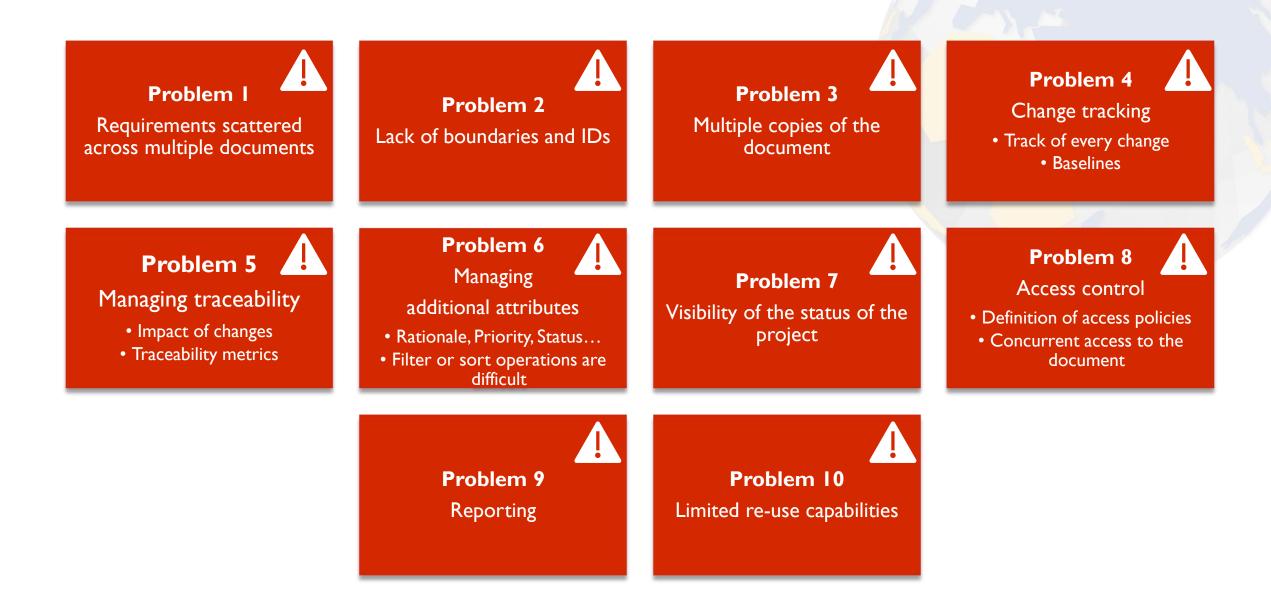


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### Name the most important RE capabilities that you miss in MS Word

Missing RM Capabilities in MS Word







# SES Add-in on top of MS Word



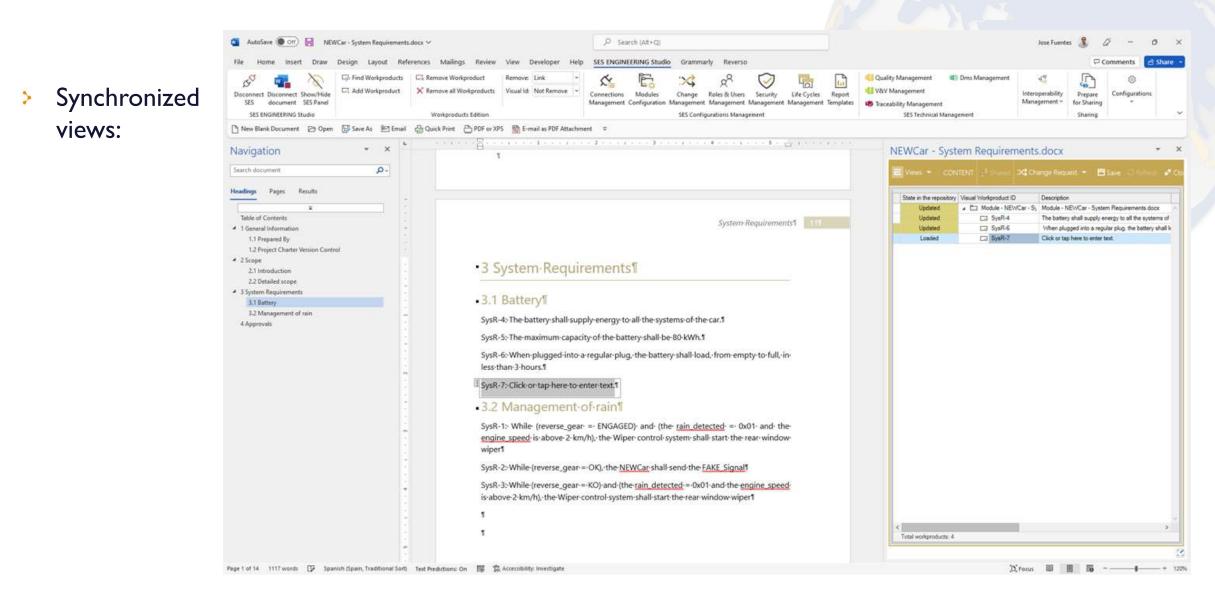
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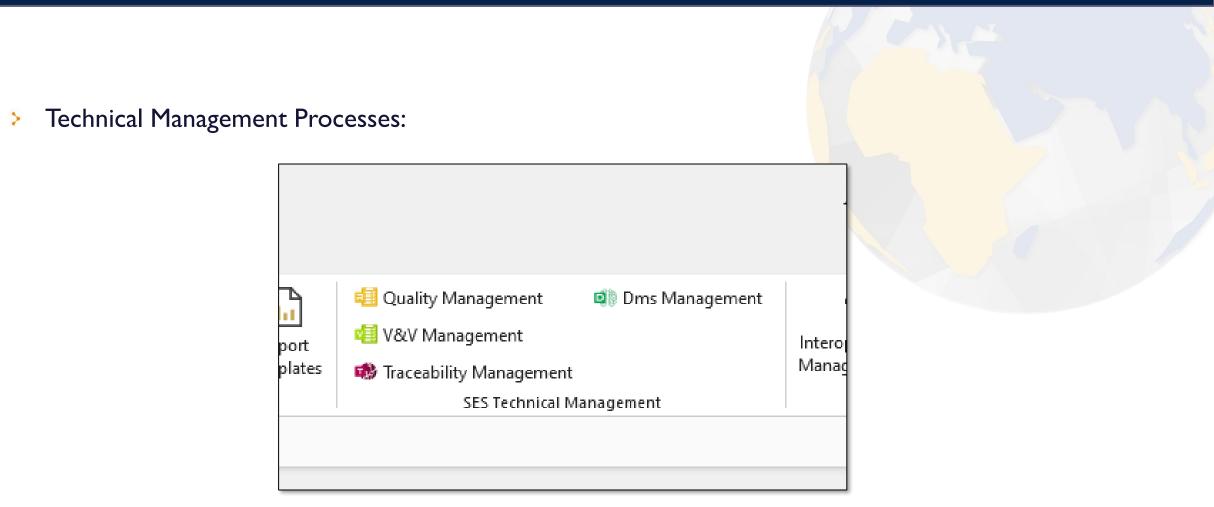




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### SES Add-in on top of MS Word





9 Episodes SES Addin for MS Word WEBINARS 2023

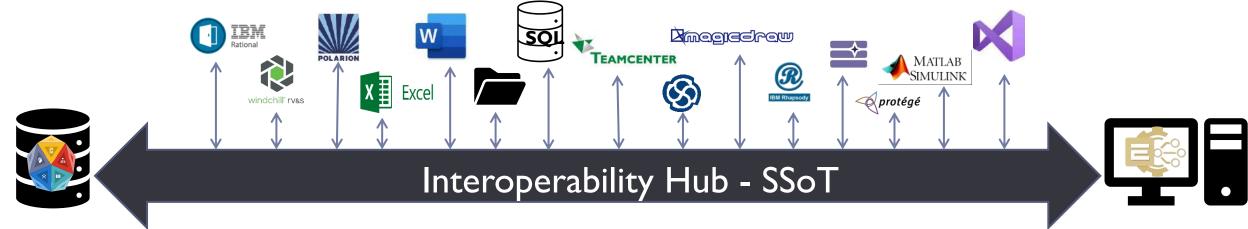
### 9 Episodes: SES Addin for MS Word



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- 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)



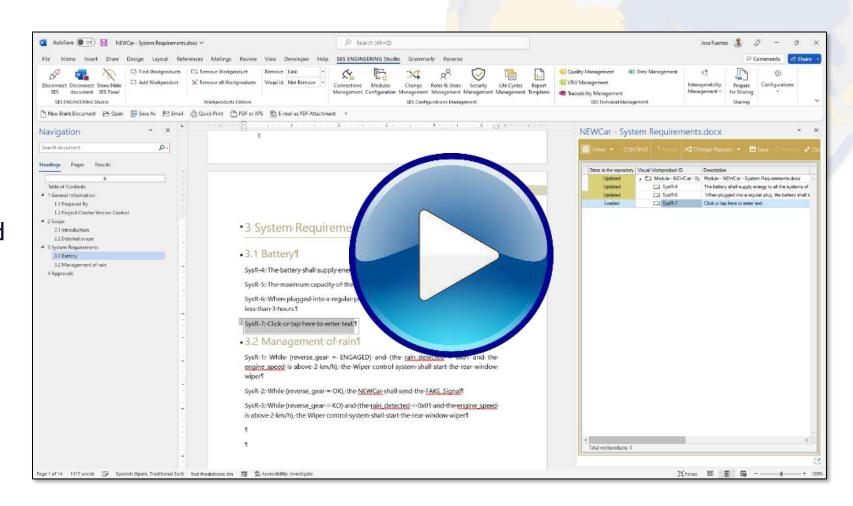


### Demonstration



### 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



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#### > 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?

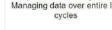
models (Invited presenters)





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How to kick off your KM -KNOWLEDGE Management project



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



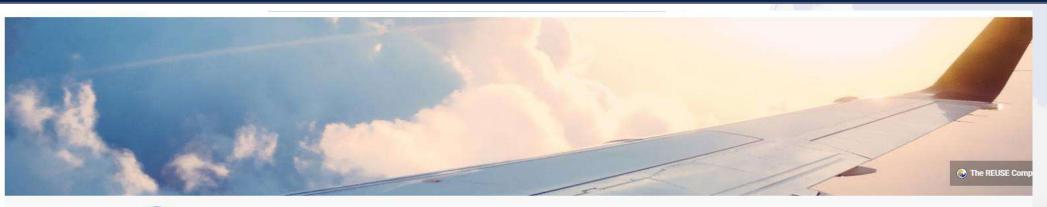
models is the only way forward

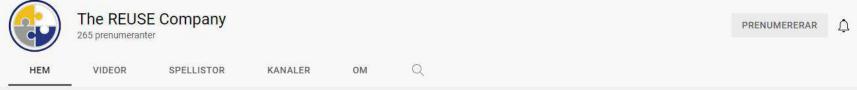
after high-quality requirements



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

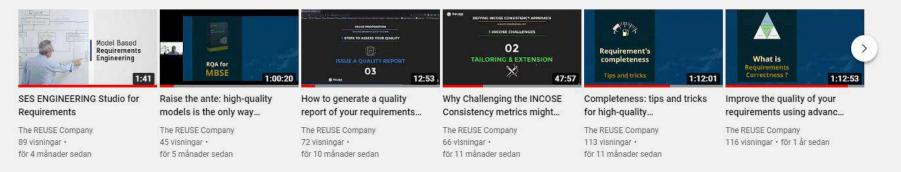






#### RQA - QUALITY Studio SPELA UPP ALLA

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



The REUSE Company in YouTube: <a href="https://www.youtube.com/user/TheREUSECompany">https://www.youtube.com/user/TheREUSECompany</a>



