



jtsec

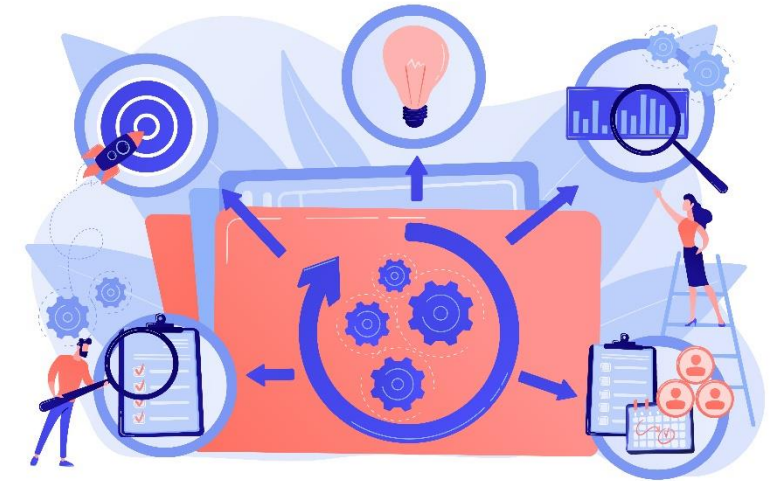
BEYOND IT SECURITY




CCCAB Tool – Making CABs life easy

Why automation tools for Common Criteria?

- ☐ Automate everything!
 - ☐ Less time to obtain the certificate
 - ☐ Lower economic cost for everyone
- ☐ Meet the market expectations
 - ☐ Increased number of Common Criteria certifications
 - ☐ Fast pace in the evolution of IT
 - ☐ Lack of talent



CSA & EUCC Context

- ❑ The CSA brings a new paradigm
- ❑ Regulation (EC) No 765/2008: ‘conformity assessment body’ shall mean *a body that performs conformity assessment activities including calibration, testing, certification and inspection;*
- ❑ EUCC v1.1.1 further refines this concept:
 - ❑ CAB = CB + ITSEF
 - ❑ CB: issues certificate →  CAB
 - ❑ ITSEF: calibrates / tests / samples



Brief & Stakeholders



- ❑ CCCAB is co-financed by the Connecting Europe Facility of the European Union.
- ❑ ISCOM (OSCI), CCN (OC-CCN) and jtsec





open source
initiative



Objectives

- ☐ Improve current schemes capabilities to support the high assurance certifications defined in the EUCC
- ☐ Build up CAB capabilities for newcomers and for private CABs that will operate under the EUCC for level substantial
- ☐ Share good practices between CABs for high and support peer reviews by sharing the same tool
- ☐ Enhance the communication flow with ENISA, ITSEFs, manufacturers...
- ☐ Allow focus on validation of the reports

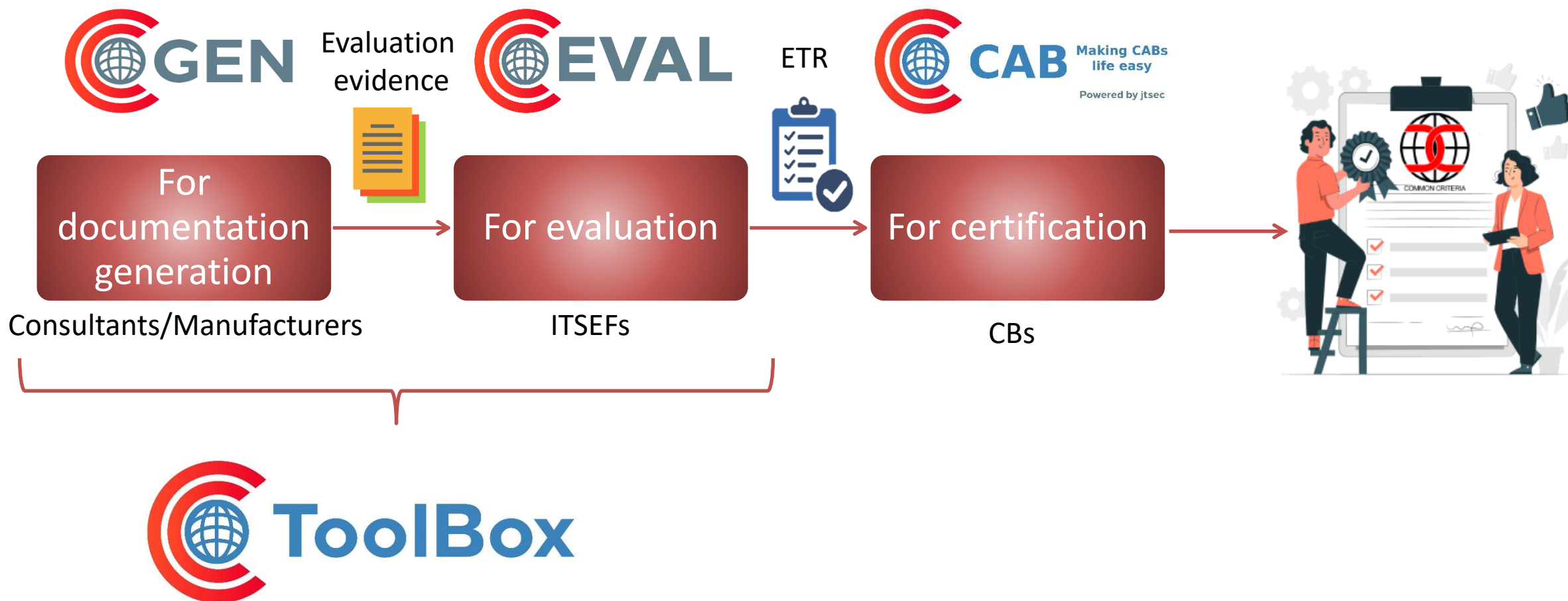


Why is CCCAB needed?

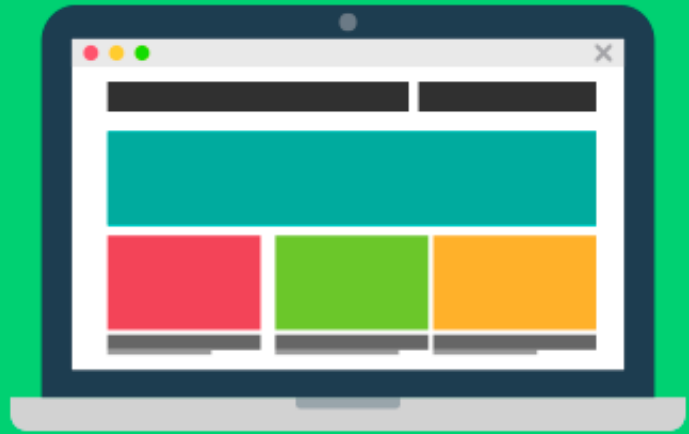
- ❑ CCCAB provides a framework to manage EUCC certifications smoothing the process and saving around 25% of the certification effort for existing CABs.
- ❑ CCCAB will ease the creation of EUCC CABs around Europe given that it will be very easy to deploy the required IT system to manage a CAB.
- ❑ CCCAB will be a free open-source tool that could be potentially adapted to be used in other future schemes. Therefore, it could be a key factor for a successful adoption of the EU Cybersecurity Certification framework.



CCCAB as a part of a framework



Main technologies used



FRONTEND



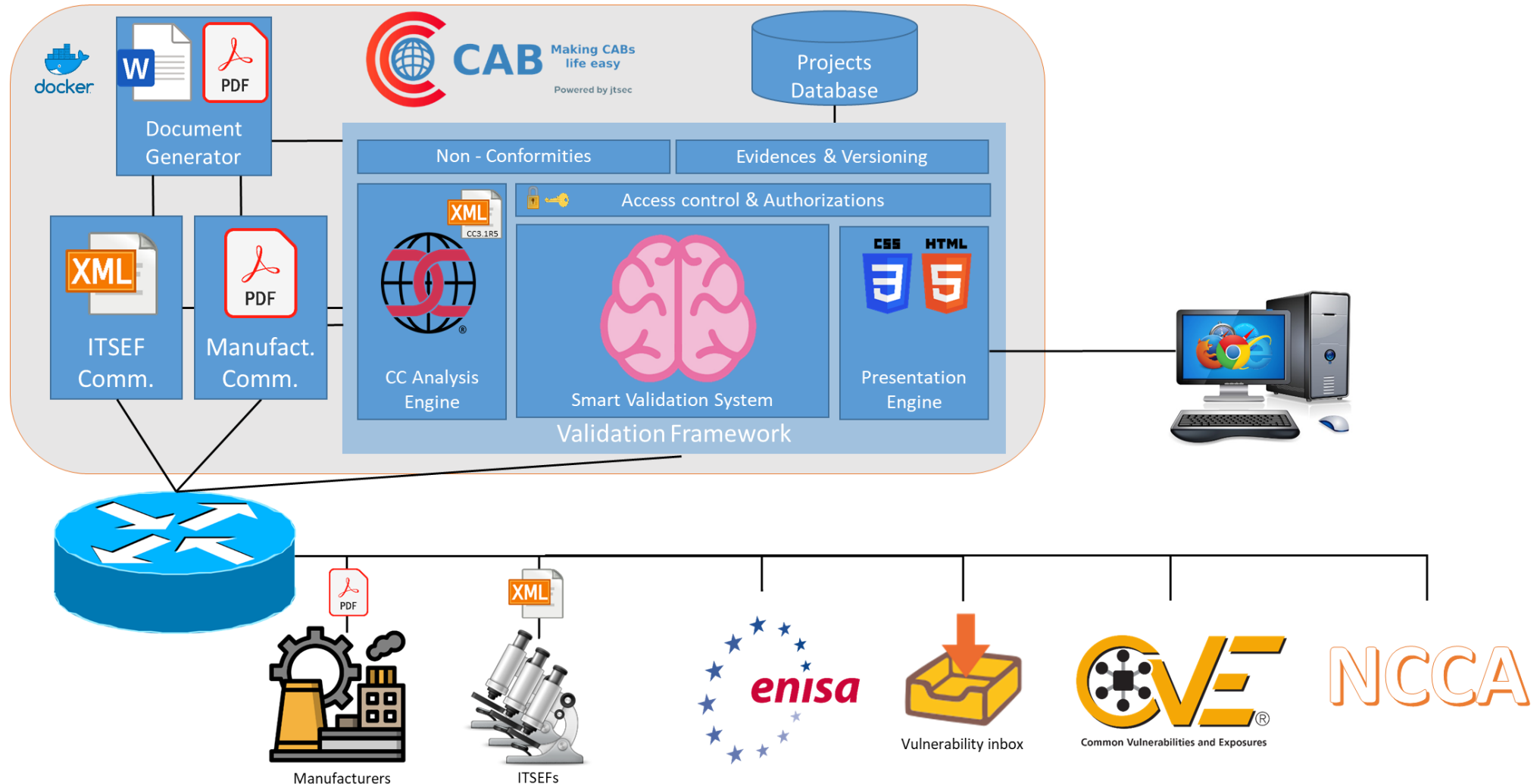
React



BACKEND

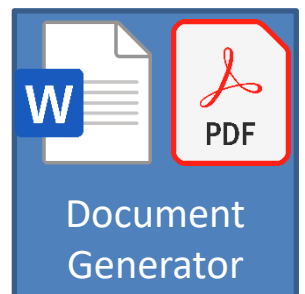
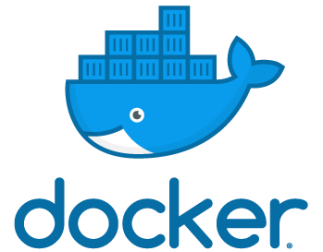


Features



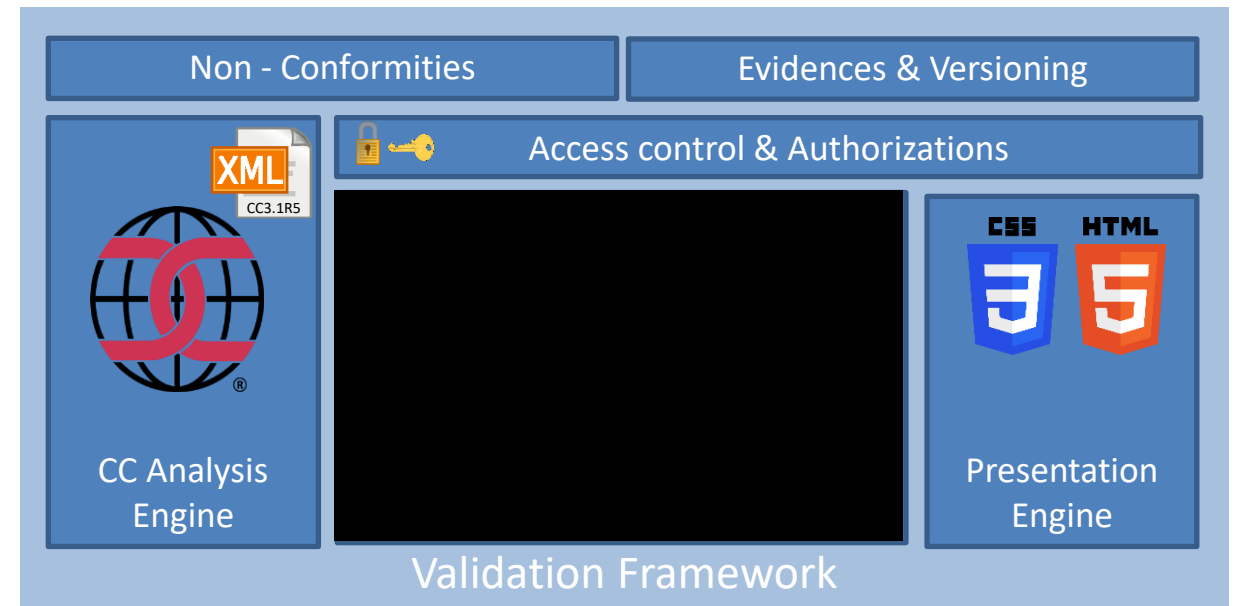
Features

- ❑ **Project Management:** CCCAB will allow you to have a global view of all projects in progress, helping in the overall management of the project.
- ❑ **Simple installation:** Can be used from anywhere without the need to install any software. Online and offline.
- ❑ **Web Edition, docx/pdf Output:** CCCAB will allow the generation in DOCX or PDF format.




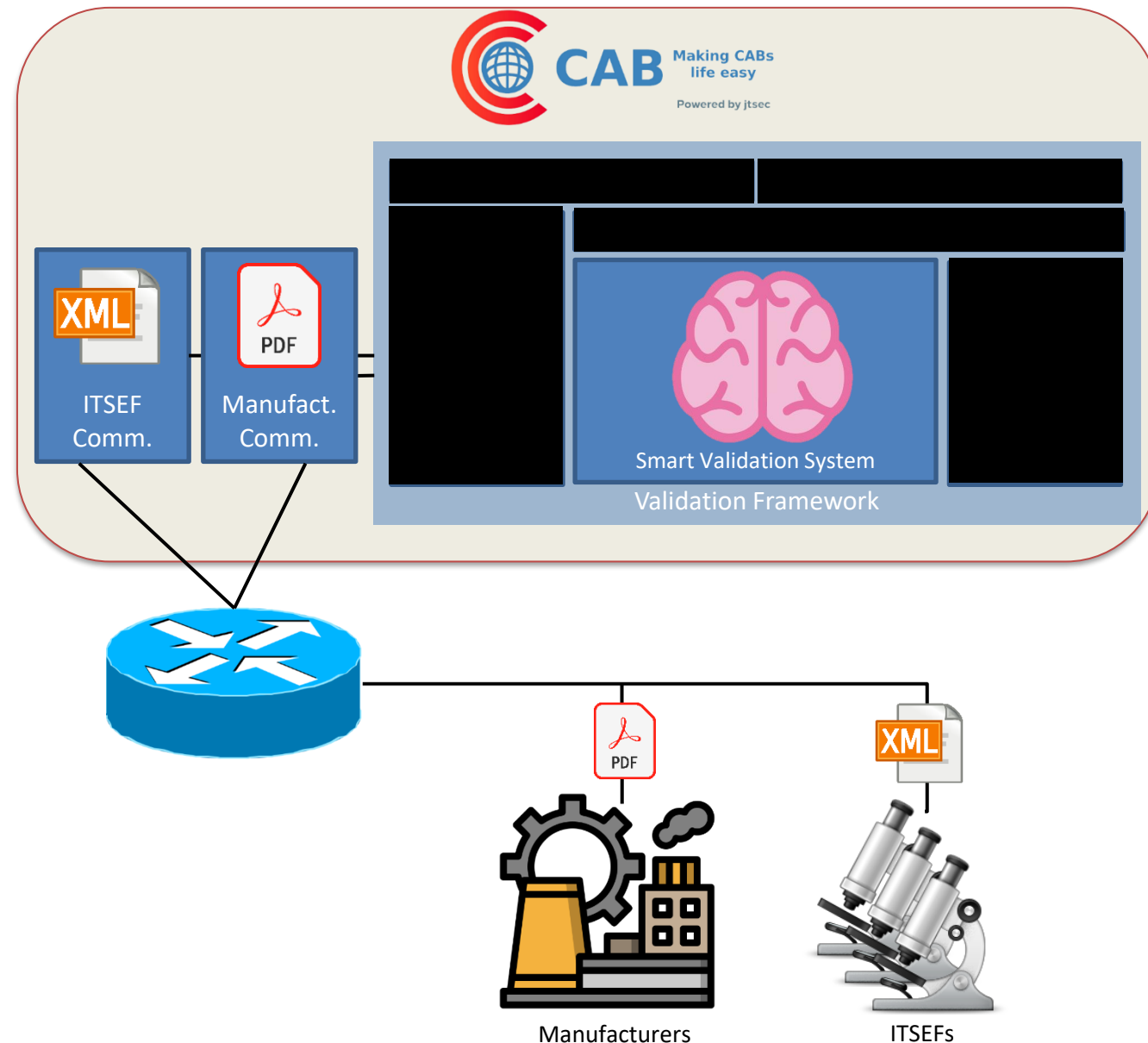
Features

- ❑ Presentation engine
- ❑ Access control (I&A, 2FA, ...) and authorization subsystem (PGP, PAdES, XAdES)
- ❑ Evidence and versioning subsystem
- ❑ CC Analysis Engine & Expert tips
- ❑ ITSEF non-conformities subsystem



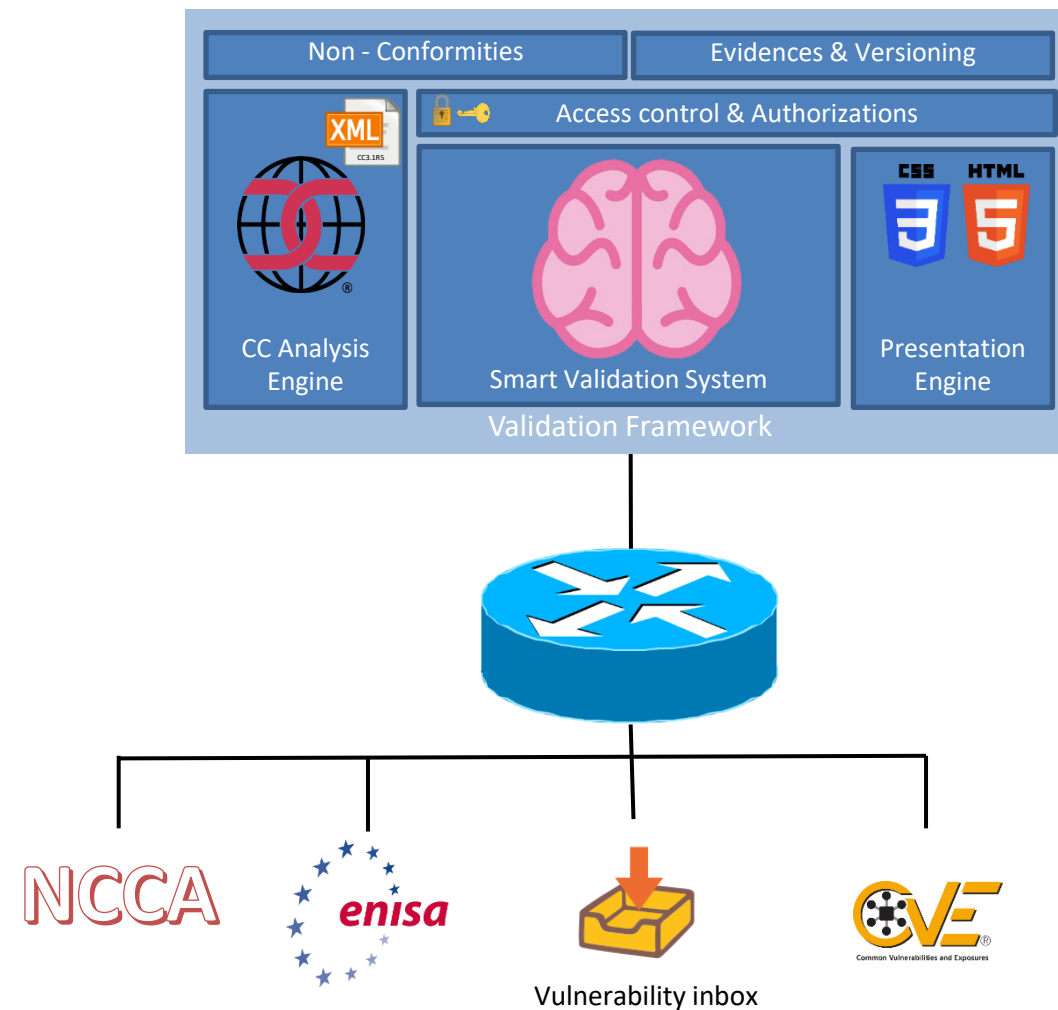
Features

- ☐ Smart Validation System
- ☐ ITSEF communications parser
- ☐ Manufacturers communications parser
- ☐ Automagic filling 

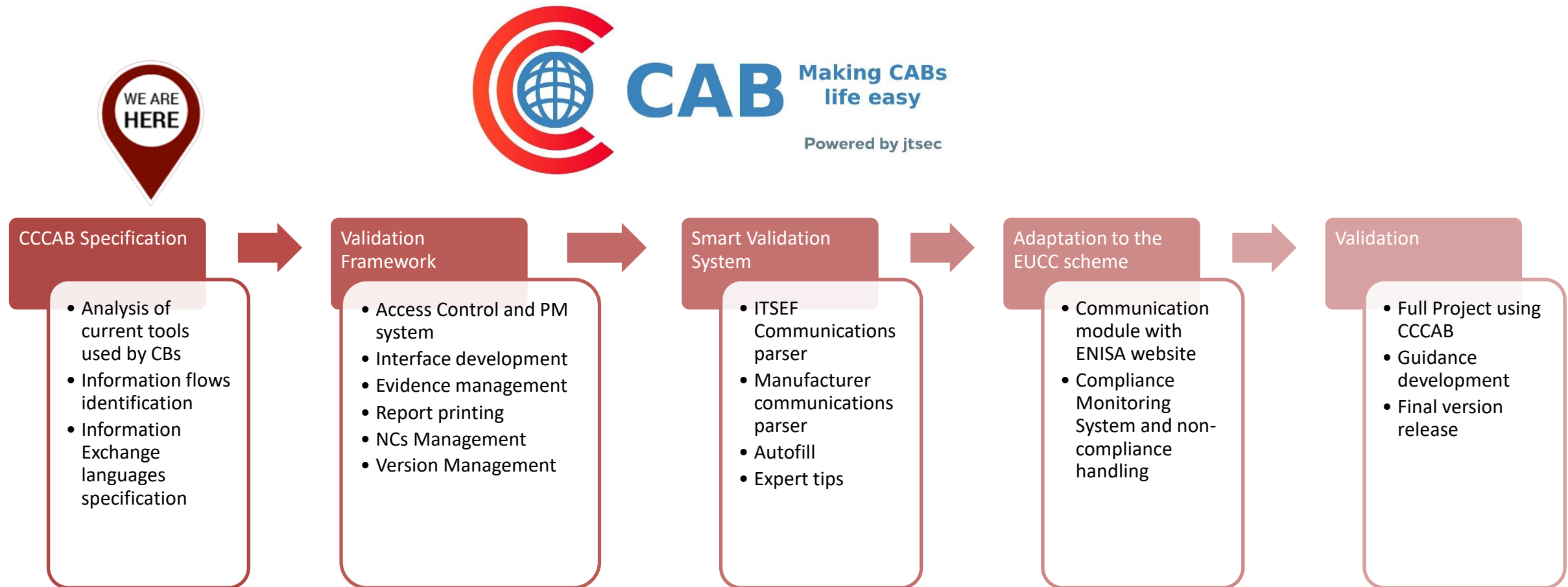


Features

- ☐ Adaptation to the EUCC
- ☐ Communications with ENISA website
- ☐ Compliance System
 - ☐ Vulnerability Inbox
 - ☐ Vulnerability Monitoring



Action plan



Contact

jtsec Beyond IT Security

Granada & Madrid – Spain

hello@jtsec.es

@jtsecES

www.jtsec.es



“Any fool can make something complicated. It takes a
genius to make it simple.”
Woody Guthrie