PRODUCT LIFECYCLE TOOLS FOR ELECTRONIC DESIGN AUTOMATION

GOAL

Integration of electronic design automation tools with product lifecycle tools.

Challenge

The development of embedded systems is a strategical area for lots of companies. The integration of these systems in their traditional products and equipment improves their competitiveness and market positioning. Indeed, it is expected that the market of embedded systems will grow up to 10% per year in 2020-25.

Considering that the complexity of embedded systems is increasing, the challenges related to management, information sharing and synchronisation of design information will increa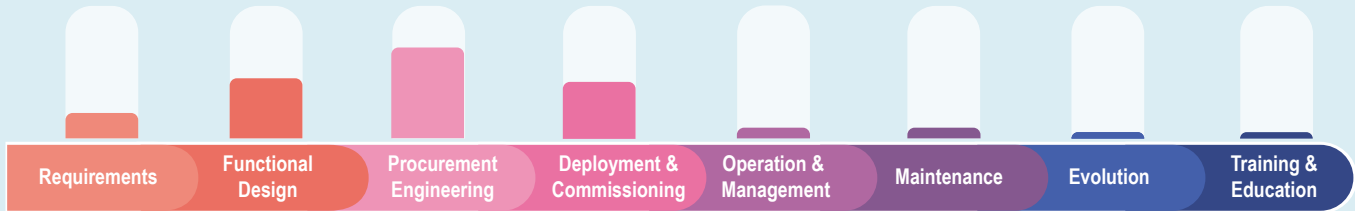se. Therefore, any initiative oriented to reduce the isolation between development teams (e.g. software, hardware, mechanic) is going to be a great help for companies dedicated to product development.

ULMA Embedded Solutions, being an engineering company with a broad experience in the requirements during the different phases in the lifecycle of an embedded product, is working on a competitive solution, rich in functionalities and economically competitive, for companies dedicated to the development of embedded systems.

Hardware Engineer

Reuse of existing hardware artefacts

Recovery traces

Assess hardware design quality

Refactor hardware designs

Access, search and trace hardware models

I am using different tools: IBM Doors, Altium Designer, Altium Vault, MSExcel, IBM Rhapsody and others...

As

I want to...

So that...

ARTEMIS
Industry Association

Engineering Phases

Requirements	Functional Design	Procurement Engineering	Deployment & Commissioning	Operation & Management	Maintenance	Evolution	Training & Education

Results

ULMA wants to address to the segment of the market that are developing embedded systems developing a solution/product that enables to join an electronic design tool (or PCBs) with other tools of the lifecycle of the development of embedded systems. The development of this solution will allow to position ULMA in the target market as tool integrator.

Thanks to the integration platform and new SW solution and methodology being developed in Arrowhead Tools, ULMA will reach to new clients and expects an increase of 30% in turnover.

Partner Data

ULMA Embedded Solutions (ULMA) *is a technological SME with a strong focus on technology application with safety- and mission-critical features beyond a specific domain. Thus, we work from a system perspective to provide hardware and software solutions to problems present in many sectors. Industrial automation, transportation, energy and medical devices are some of the demanding sectors. ULMA acts as a design house for complex embedded system development for its customers.*

Company contact: +34 943 250 300   info@ulmaembedded.com   www.ulmaembedded.com