

Developing a Standardized Data Format for Mission Profiles

Presentation of the Data Format based on Practical Use Cases

We invite you to join us for our 3rd Online Workshop on **07 October 2021, 15:00 – 18:00 CEST**.

About the Project

Clear and unambiguous exchange of information between development partners in supply chains is key for developing reliable and robust electronic components. One way to convey information about design requirements and component capabilities is the use of mission profiles. A mission profile (MP) is a simplified representation of all relevant load conditions and load profiles to which components are exposed to within their life cycle. MPs can also be used to define ranges in which a component has been qualified and can safely sustain load conditions (e.g., safe-operating areas). The concept of MPs is universally applicable and not limited to a specific application or industry domain.

The project ELDA-MP has developed an electronic data format for the bi-directional exchange of mission profile and technology / component capability information along the supply chain in a safe, unambiguous and efficient way. The result will be proposed for standardization, both nationally (DKE) and to the International Electrotechnical Commission (IEC).

About the 3rd Online Workshop

The project partners have previously collected a series of use cases, specified requirements for the data format and discussed them in two online workshops with external experts in 2020.

In this third workshop, the project partners will demonstrate and discuss the final data format developed in ELDA-MP based on selected practical use cases covering the main usage domains. Participants are invited to submit their own MP use case examples via e-mail prior to the workshop (see agenda).

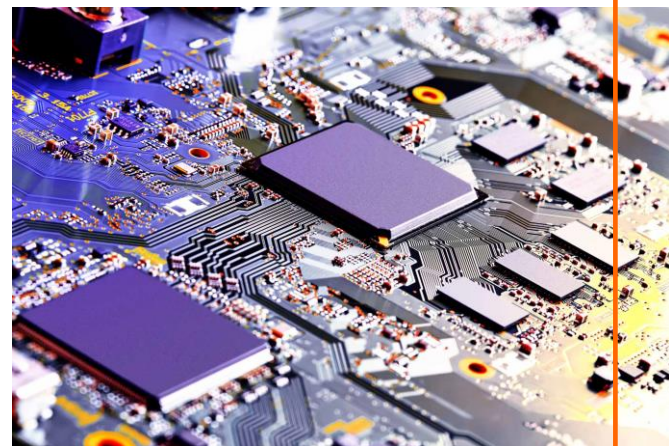
This workshop is addressed to application users, CAD and EDA software vendors as well as reliability and robustness experts.

Registration

Alexandra Fabricius, VDE DKE, Stresemannallee 15, D-60596 Frankfurt am Main, +49 69 6308-453

To register please send an e-mail including your name and organization to alexandra.fabricius@vde.com until **01 October 2021**.

Attendance is free of charge.



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Agenda

07 October 2021 (Time Zone: CEST)

- 15:00 – 15:10 **Welcome and Introduction to ELDA-MP**
Alexandra Fabricius, VDE DKE
- 15:10 – 15:20 **Recap of Past Online Workshops**
Christoph Sohrmann, Fraunhofer EAS / IIS
- 15:20 – 15:40 **Overview of Format Requirements and Use Cases including Collected Feedback**
Göran Jerke, Robert Bosch GmbH
- 15:40 – 17:30 **Presentation of the Mission Profile Data Format based on Mission Profile Use Case Examples**
The key elements of the mission profile data format will be presented based on practical use cases that illustrate the whole range of applications for the data format.
- 17:30 – 17:50 **Discussion of Externally Provided Mission Profile Use Case Examples**
We are happy to discuss how the data format can support your specific mission profile use case example. Please let us know if you would like to have the modeling of your example discussed in the workshop and send your example via e-mail until **30 July 2021**.
- 17:50 – 18:00 **Wrap-up and Next Steps**
Alexandra Fabricius, VDE DKE

To allow you to prepare for the workshop and give early feedback, handout material (e.g., information on ELDA-MP, use case specifications and requirements) will be provided prior to the workshop. The detailed format description will be shared with all participants together with an early request for comments right after the workshop.

Project partners



Associated Partners

