

# CIDEON

engineering digitized.

Cideon – engineering digitized.

## Cideon Workshops for Mechatronics

Mechatronic engineering is an important part of modern technology and deals with the integration of mechanics, electronics and information technology in product development. The goal here is to bring together and synchronize the information from the different systems and trades in order to minimize errors and make the overall disciplines more powerful, efficient and flexible.

### Connecting ECAD and MCAD

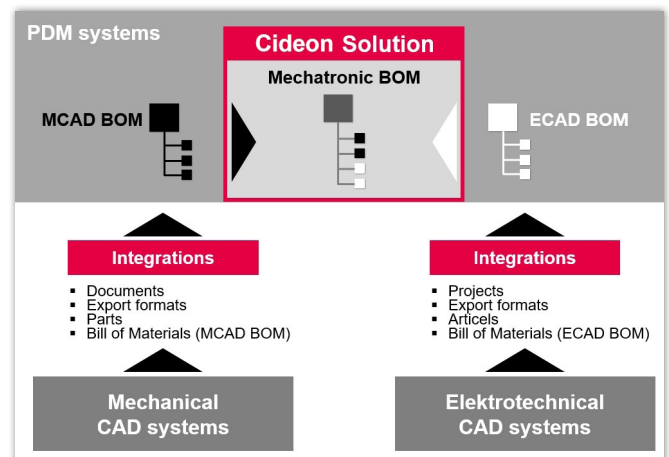
The basis is the mechatronic bill of materials (BOM), because it contains all mechanical and electronic components as well as components from other trades such as hydraulics and pneumatics that are required to manufacture mechatronic products. Creating it is a real challenge for product manufacturers, as it requires more precise planning and control.

### Optimize Your Mechatronics

Our workshops on mechatronics & parts lists are standardized consulting methodologies for MCAD and ECAD. We help you to identify your potentials and to develop an overall solution to meet your demanding mechatronic requirements.

### Your Advantages

- Structured approach for the development of a possible target concept
- Optimal collaboration by involving your experts
- Identification of potentials by means of a mechatronic parts list
- Optimal preparation for a realization project
- Saving time by using ready-made Cideon concepts for the creation of a mechatronic parts list
- Professional analysis of the current state



Cideon concept for the generation of Mechatronic BOMs

Our workshops focus on identifying your potentials based on current and future desired working methods, the targeted development of an overall solution and its comprehensible presentation.

PROCESS CONSULTING

ENGINEERING SOFTWARE

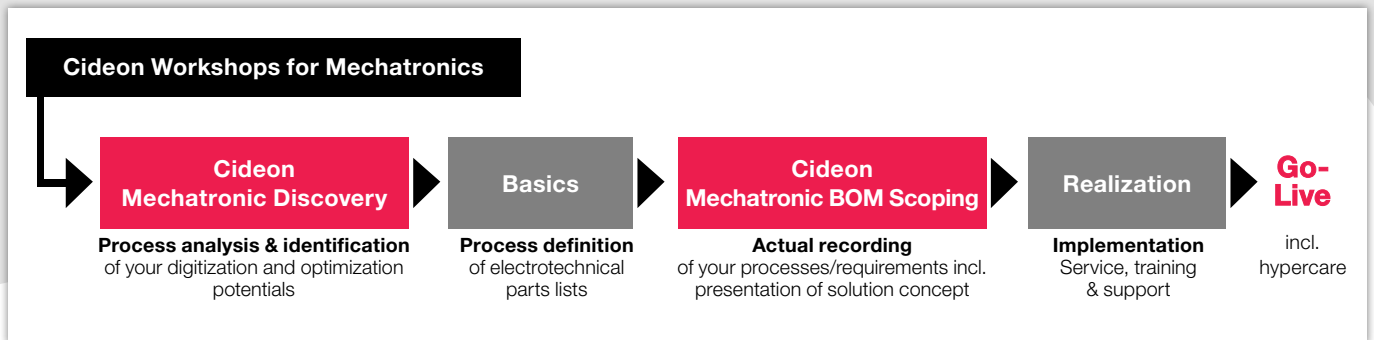
IMPLEMENTATION

GLOBAL SUPPORT

FRIEDHELM LOH GROUP



## The Optimal Roadmap



Cideon's optimal project approach.

### Workshop Approach

Cideon supports you in mastering your challenges and in compiling the requirements of a mechatronic BOM.

#### Cideon Mechatronic Discovery

This workshop includes a comprehensive and cross-functional analysis of the processes along your value chain. Based on your current business model, your optimization and digitalization potentials will be identified.

#### Create Basics

Cideon Mechatronic Discovery provides a solution roadmap and useful building blocks on the way to a mechatronic parts list. Before entering into the actual BOM scoping, it is often necessary to create a basis or to consider adjacent areas. For example, topics such as change and release management or merging, cleaning and synchronizing of your parts databases. Linking the MCAD/ECAD systems to the PDM system or the basics of BOM management is also included in this step.

#### Cideon Mechatronic BOM Scoping

In this workshop, your current processes and requirements in the area of bill of materials will be presented. The Cideon solution concepts are presented and your customer specific target processes will be developed. Afterwards, we will present our solution proposal including a concrete project offer.

#### Perform Realization

The target image to be realized is implemented in the form of software implementation and services. The final step is the run-through of a representative customer project and corresponding training measures.



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