

EPLAN Harness proD: Design and documentation of wire harnesses and nail board design

Wire Harness Design Engineering in 3D and 2D

EPLAN Harness proD is a leading solution for the efficient design and documentation of cables and wire harnesses in 3D and 2D. The key challenges with wire harness engineering are the combination of mechanics and electronics, as well as ensuring correct and consistent data. Insufficient communication and missing data exchange between the two disciplines lead to expensive and time consuming errors, such as lack of space when laying cables, multiple iteration steps when designing and manufacturing, as well as incorrect cable calculations.

With EPLAN Harness proD, you intelligently connect the two disciplines and increase transparency and productivity. Ease of use, automated work processes, correct manufacturing documents and high reusability are strengths of the system. In addition, the wire harness design is not dependent on the availability of a mechanical prototype.

The systems strengths lie in the automated steps involved, from importing the wiring lists from the EPLAN Platform, to routing the cables and generating documentation and 2D nail board drawings. The wire harness design software's ability to take over mechanically relevant information from various MCAD systems and ECAD connection information means that EPLAN Harness proD has the potential to be seamlessly integrated into PDM environments. This allows for the design of the wire harness, even when there is no mechanical prototype available. As a result, development times are reduced, productivity increases and project quality is improved on a continual basis.

Simplification of the most important stages of the design process

Highlights of EPLAN Harness proD

Perfect IT integration