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Agenda



- 1 About LAPP
- 2 Electrical planning data What is that?
- 3 Why does LAPP need electrical planning data?
- Presentation and advantages of the project with CADENAS
- 5 Results and conclusion of the project
- 6 Outlook



About LAPP





Products

Our strong range for your applications



ÖLFLEX®
Connection and control cables



UNITRONIC®

Data transmission systems



ETHERLINE®

Data transmission s

Data transmission systems for ETHERNET technology



HITRONIC®
Optical data transmission
systems



EPIC® Industrial connectors



SKINTOP® Cable glands



SILVYN®
Cable protection and guidance systems



FLEXIMARK®
Marking systems





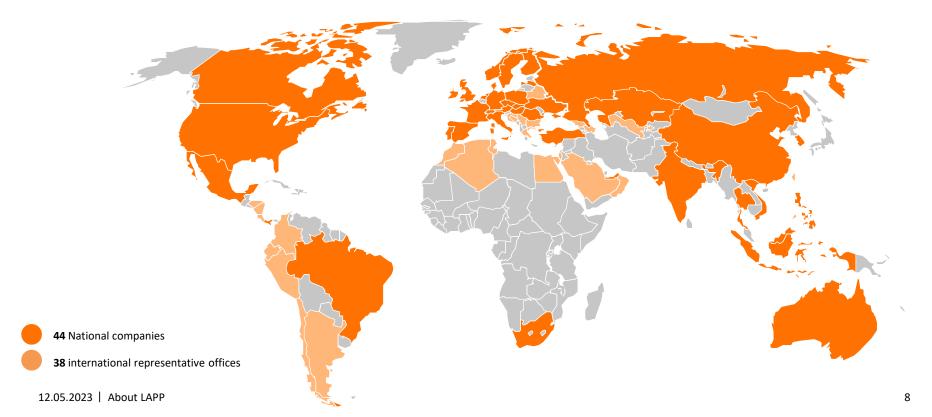
Strong in future industries





We are where our customers are ...

With 44 national companies and a further 38 contractual partners, LAPP is globally positioned.





LAPP always has a solution for your requirement

From experts for experts

LAPP has all application solutions in-house. All cable types, industrial connectors, accessories, protective and labelling material as well as a wide range of services in the area of logistics and service. And if our customers are missing something, we use our international network of suppliers.



We are industrial communication

Safety and reliability

Automation and Industry 4.0 depend on a secure data communication network. We take this task very seriously.

Let's innovate together.

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We connect renewable energies

With special solutions for solar and wind energy

Photovoltaic systems require high-performance plug connections. A PV system runs for many years and is constantly exposed to wind and weather. All components must be particularly weather-resistant. Like the EPIC® SOLAR 4PLUS plug-in system with double snap-in hooks or the wide selection of ÖLFLEX® solar cables.

Let's innovate together.



We are miniaturisation

The new EPIC® POWER M12L

Smaller is better: LAPP presents the EPIC® POWER M12L power connector. It is the smallest M12L connector available on the market and is particularly powerful with up to 16A.

Let's innovate together.









EPIC®

Robust yet flexible

Power, signal and data transmission

- Electrical and communications engineering
- Measuring, testing and control technology
- Mechanical engineering and equipment technology
- Drive technology and industrial automation
- Photovoltaic installations

EPIC® industrial connectors are used everywhere in mechanical and plant engineering or in drive technology where measurement, control, regulation and drive are required. EPIC® is a flexible system of housings, inserts and contacts: extremely robust, absolutely safe and very easy to assemble.

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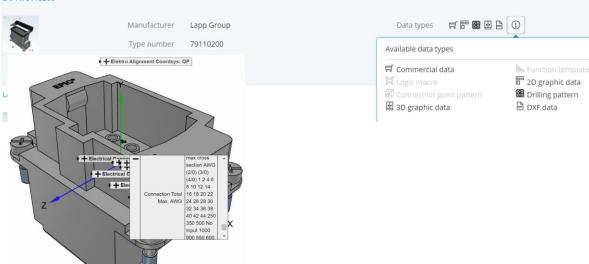


What data?

Using the example of ePLAN and ZUKEN

- Various data help customers with electrical design
- Connection cross-sections
- Connection point pattern
- 2D and 3D graphic data
- Commercial data
- Drilling pattern

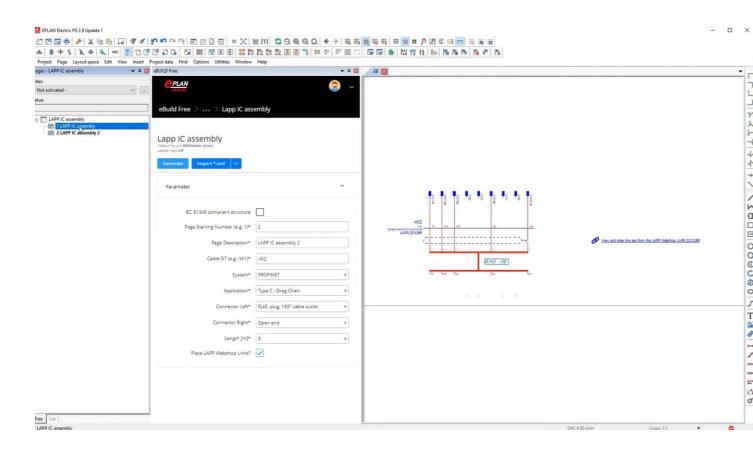




IC assembly

Using the example of ePLAN

- Software for electrical and control cabinet construction
- Access to the Lapp Webshop
- Catalogue selection of all articles available at LAPP
- Reduction of data entry errors
- Create accurate BoM





Why does LAPP need electrical planning data

-and of course our customers?



Why electrical planning data?



of engineers spend at least one hour per day recreating standard or supplier parts



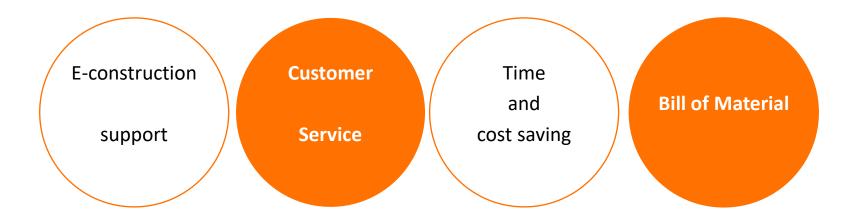
of engineers spend time rebuilding parts that are already available online



of engineers spend at least one hour per day searching for standard or supplier parts



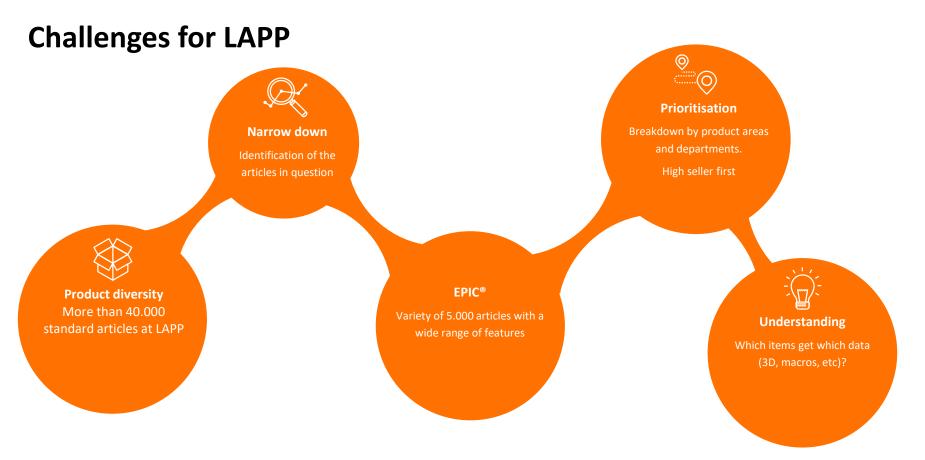
Keyfacts





Presentation and advantages of the project with CADENAS







Current catalogue at CADENAS / ECAD

- 01 40.000 standard articles in the LAPP portfolio
- 5.000 standard articles in the EPIC® portfolio
- 10.500 LAPP articles at CADENAS
- 2.200 EPIC® articles at CADENAS
- 05 15.850 LAPP complete articles at ePLAN
- 1.850 EPIC® articles at ePLAN / 500 at ZUKEN



Extension of the LAPP catalogue with CAE data

Growing customer demand for CAD and ECAD

- with CADENAS as an established provider on the market

Technical and organisational implementation and support

CAD, ECAD and in future rendering - All-in-one solution for LAPP



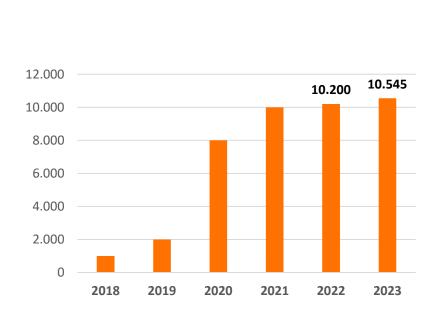
Results and conclusion of the project



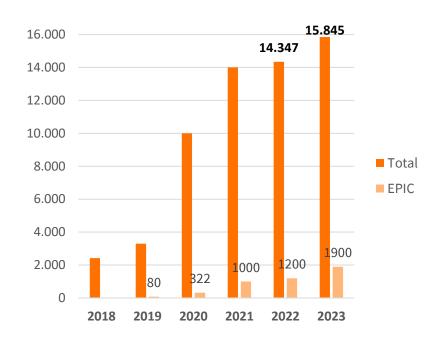


Development of the available models

Available CAD models



Available ECAD models





Summarised results and conclusion

- (01) Increasing demand (download numbers and customer feedback)
- (02) Fastlane for customer enquiries
- O3 Continuous expansion and closing of gaps
- Project is seen as MVP
- Full success to be built on
- Project to be transformed into standard process



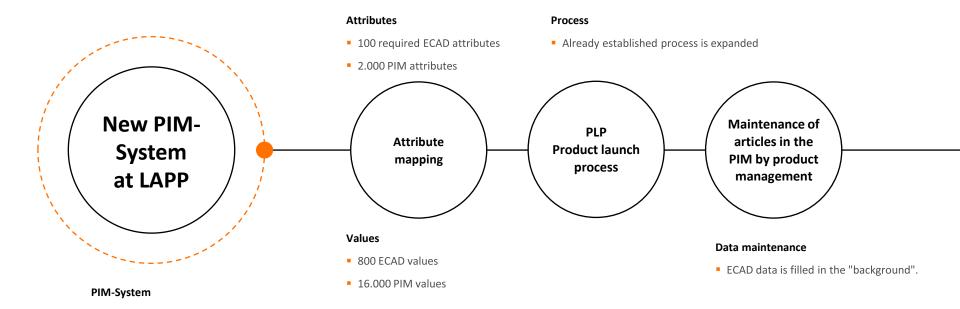
Forecast





Timeline

For global product data management



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