PARTNER NETWORK

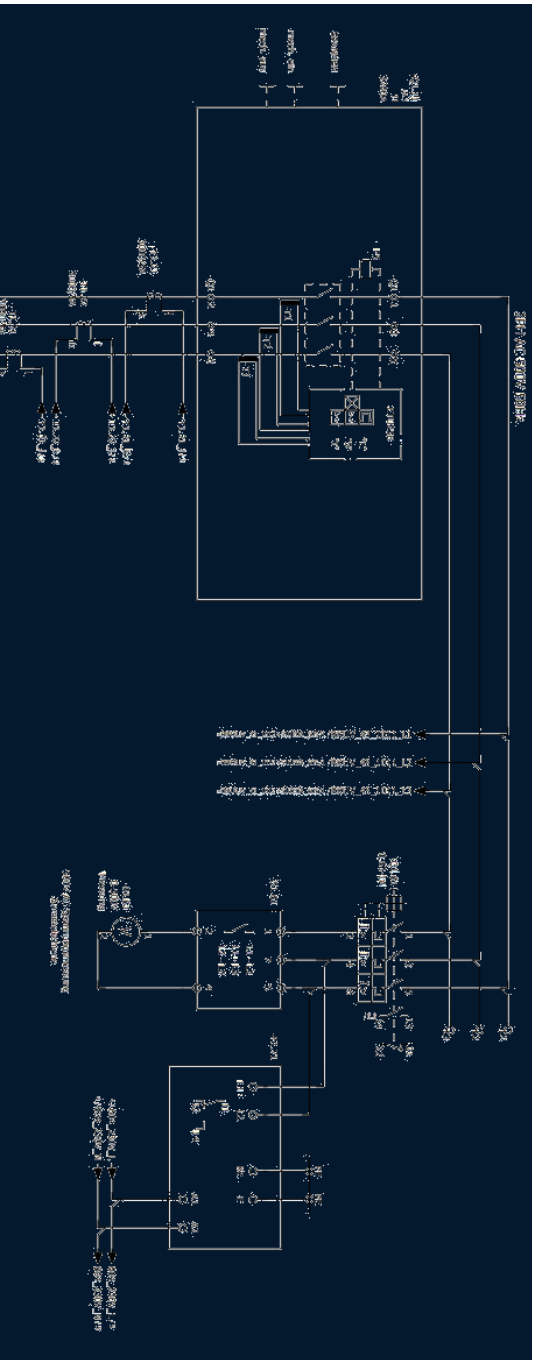
**TECHNOLOGY PARTNER**

CAMILLE BAUER

GOSSEN METRAWATT

# TESTING HIGH QUALITY SWITCHGEAR

TRANSFER OF PLANNING DATA FROM EPLAN TO THE TEST AND MEASUREMENT DEVICE



# DATA INTEGRATION FROM EPLAN PLATFORM INTO IZYTRONIQ

Electrical planning is a complex subject area: often several people from different disciplines work on a project at the same time. Data from electrical engineering must also be usable for other departments, such as order processing and production. At the same time, electrical engineering is always under time pressure, must deliver on time and keep an eye on the costs incurred. EPLAN offers you holistic software solutions for efficient cross-process electrical planning from a single source.Translated with www.DeepL.com/Translator (free version)

EPLAN offers software and services for all aspects of engineering in the fields of electrical engineering, automation and mechatronics, and develops one of the world's leading software solutions for machine, plant and enclosure construction.

IZYTRONIQ is a software for measurement data management in the testing of plants, machines, switchgears and devices. Based on the connector, the customer can automatically transfer the relevant data from the circuit diagrams from EPLAN (e.g. cable information, circuits, electrical devices), which are required in IZYTRONIQ to transfer the complete structure to the Gossen Metrawatt test instrument used or to create the standard-compliant test documentation.

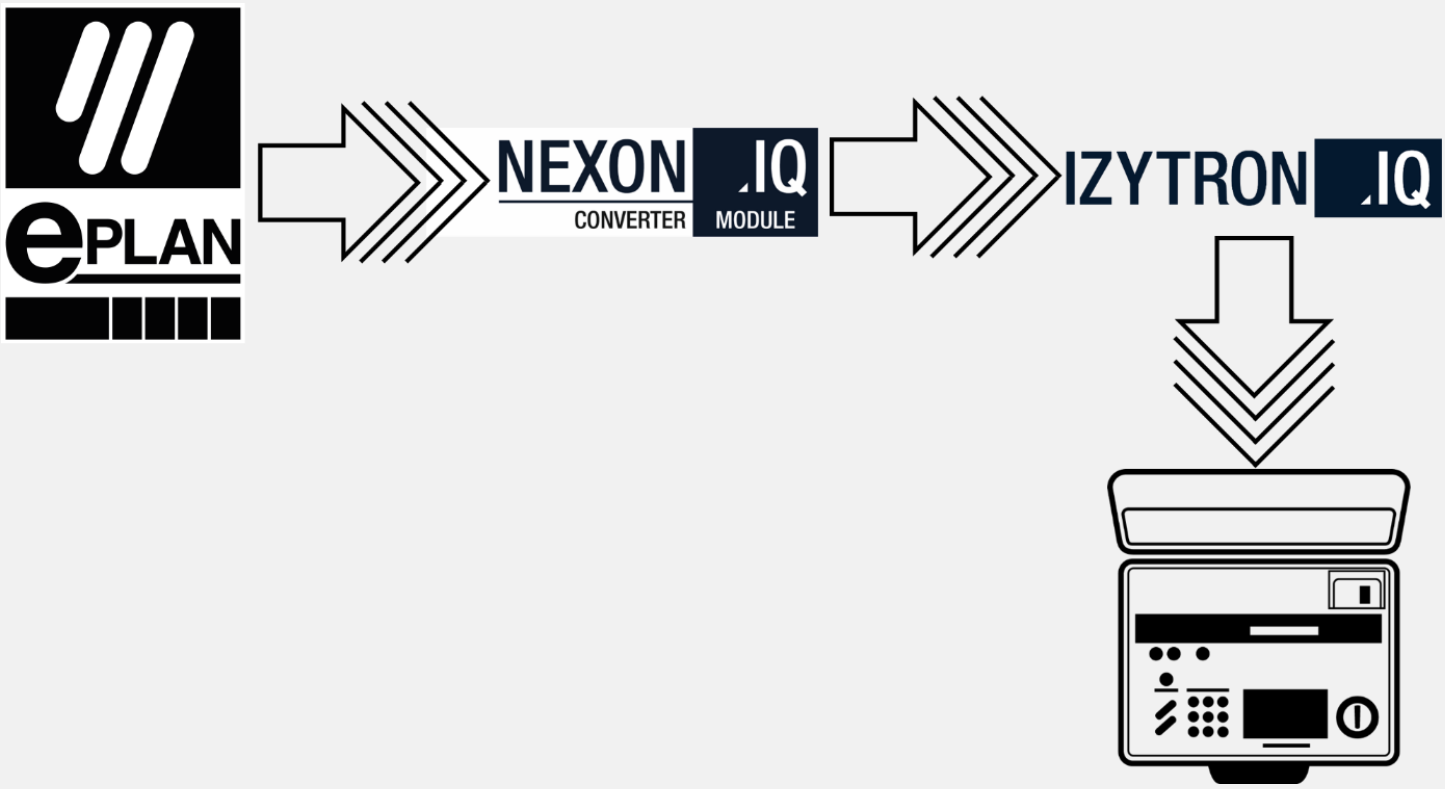
## THE ADVANTAGE

Customers thus benefit from a continuous process from electrical engineering planning with documentation to testing and standard-compliant documentation of implementation.

The fast, simple and safe way to the protocol

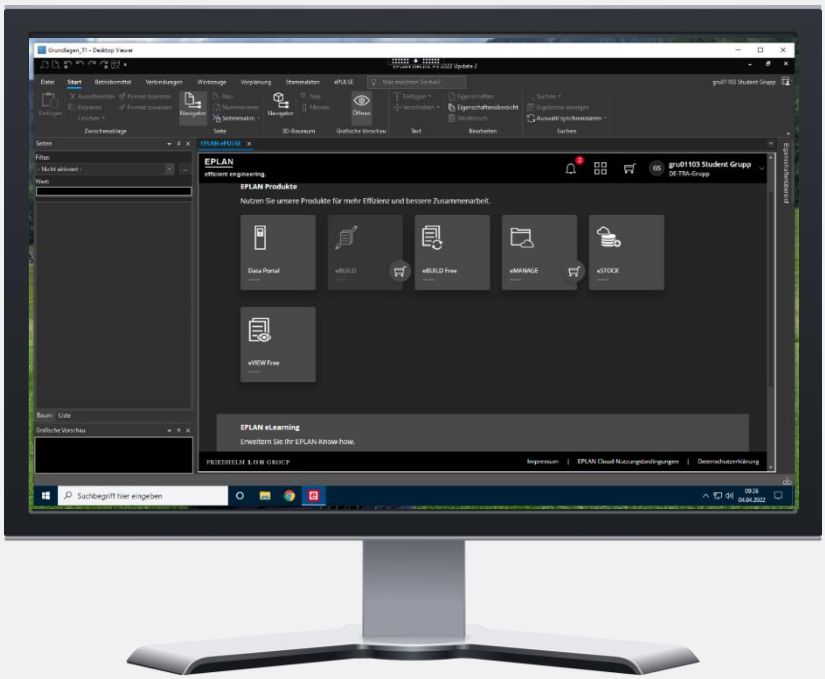
- Saves time and therefore money
- Data only has to be entered once
- Data transfer minimises input errors

## THE CONCEPT:

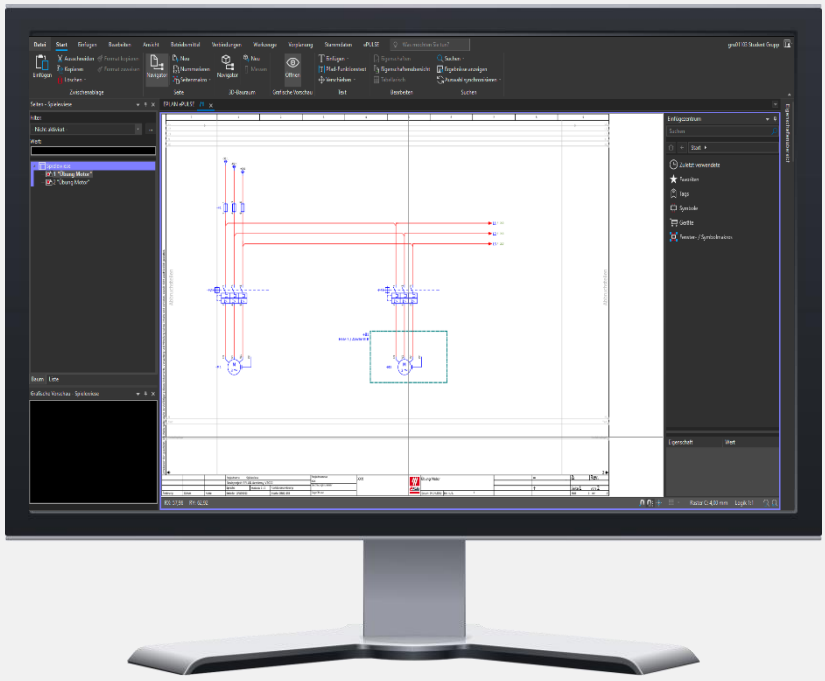


STEP 1

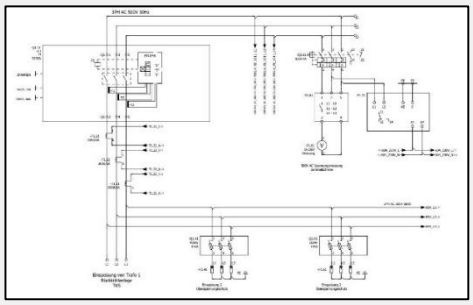
Open EPLAN

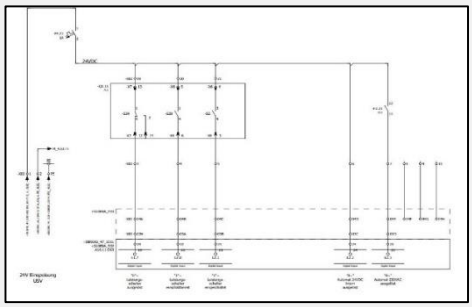


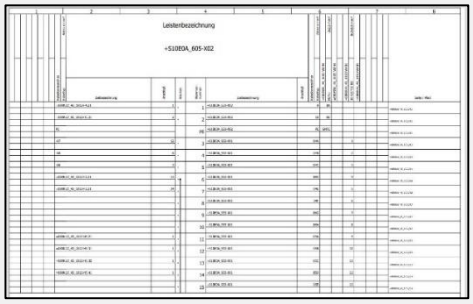

Preliminary planning, project planning and construction of the electrical switchgear and cable harnesses

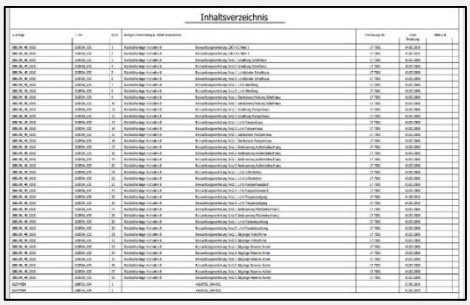


Structures,
Table of contents,
naming







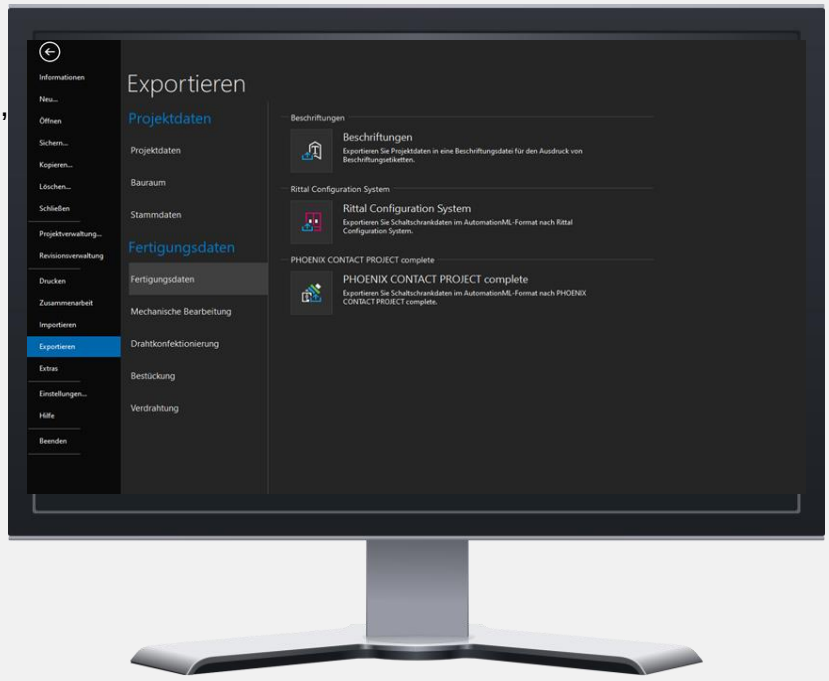



STEP 2a

Export from EPLAN


Export project and production data (Customer ID, Customer, Plant, Location, Equipment ID, Equipment type, Unique ID, GMC-I type, Technical characteristics, Item number).

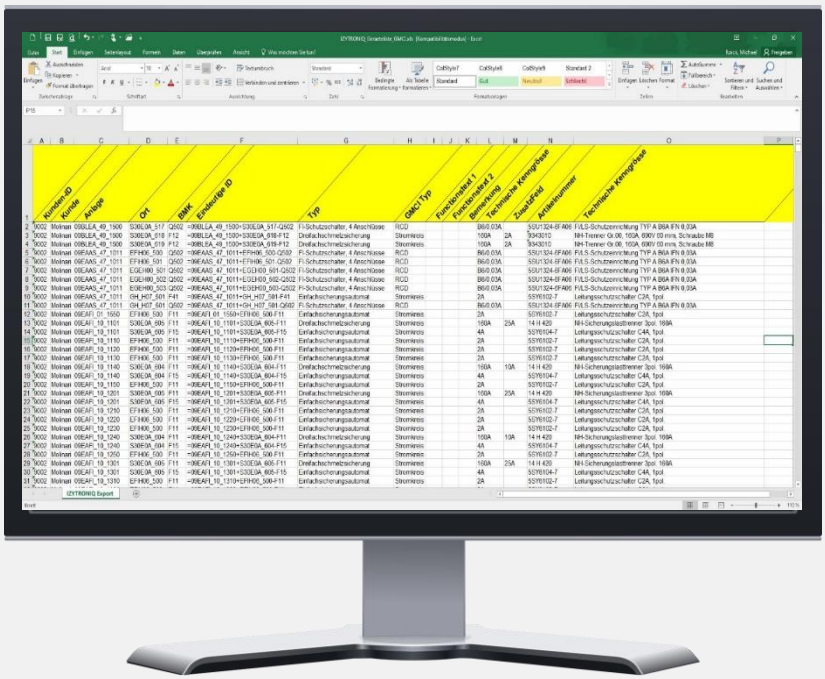
This data is used for definition and further use by the testing technology from Gossen Metrawatt and can be transferred to the IZYTRONIQ software after conversion and assignment.



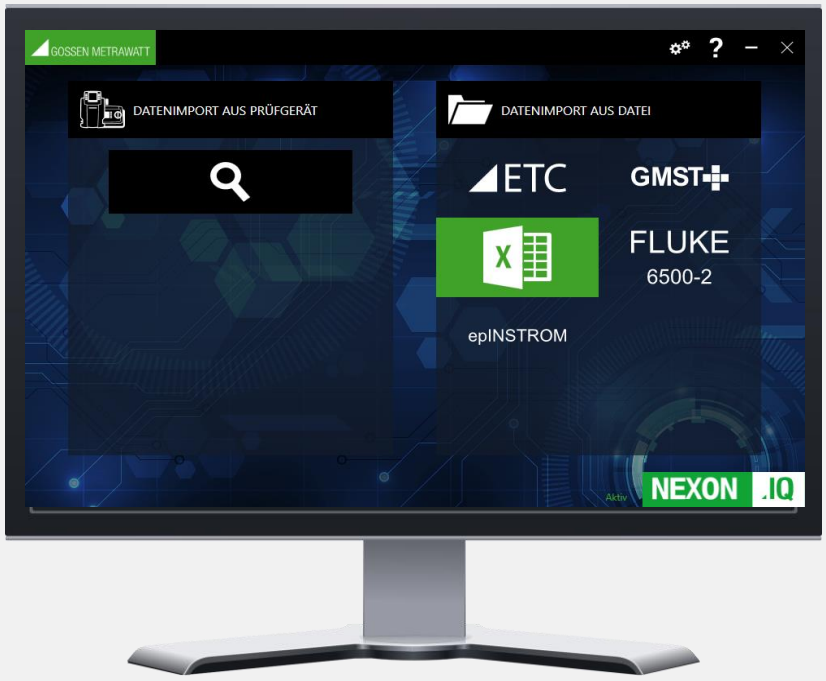

Export project data

## STEP 3

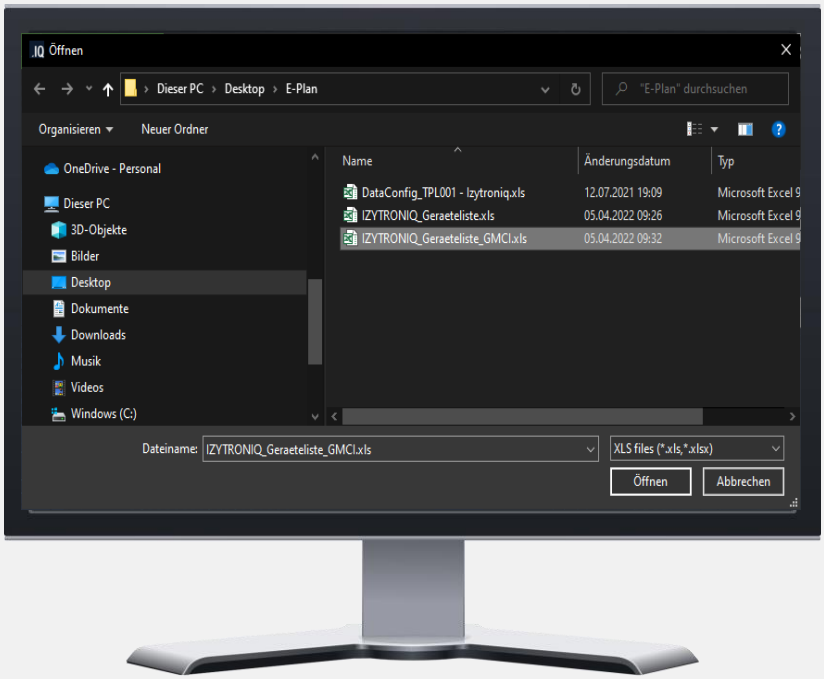
Import of the EXCEL file into the conversion software NEXONIQ



Open NEXONIQ Software

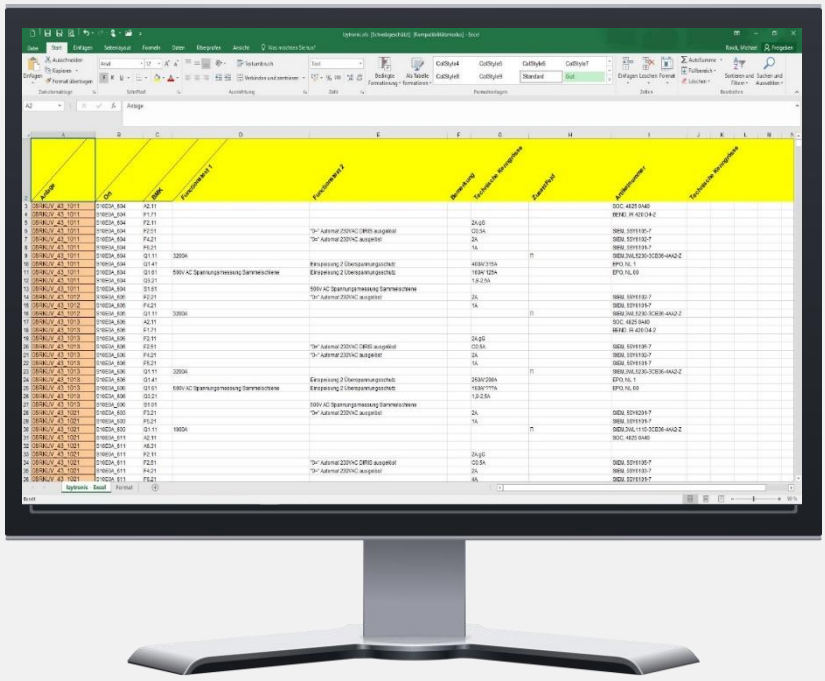



Select file



Assignment of the parameters


Creation of a compatible IZYTRONIQ file

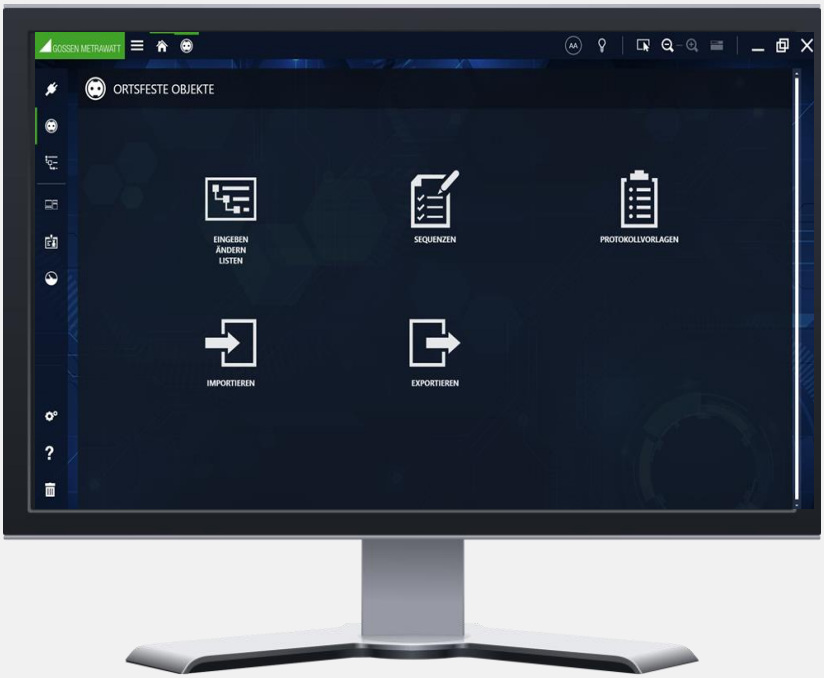


## STEP 4

Importing data into IZYTRONIQ

Open IZYTRONIQ software

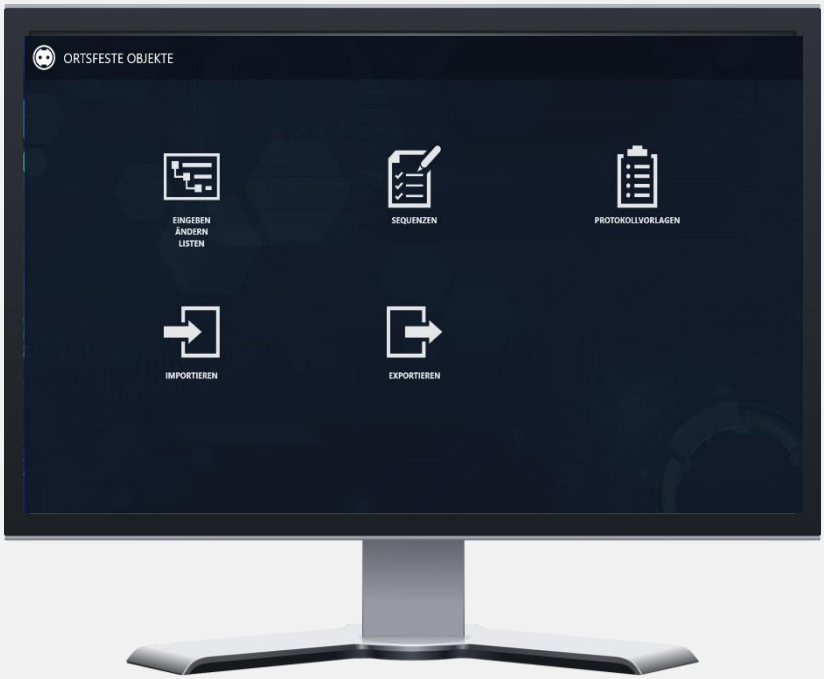
Selection "Stationary objects“




Import –
Select file and start import



Open structure
(Enter, Change, Lists)



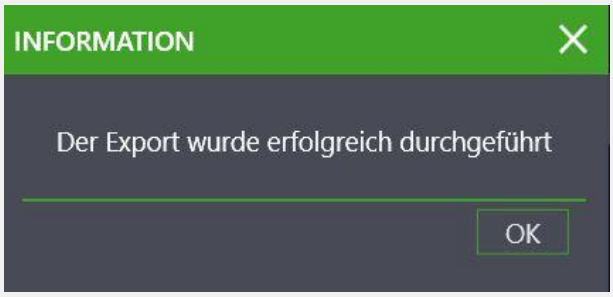
Select customer / object


Select export to test instrument


Select customer

Start export

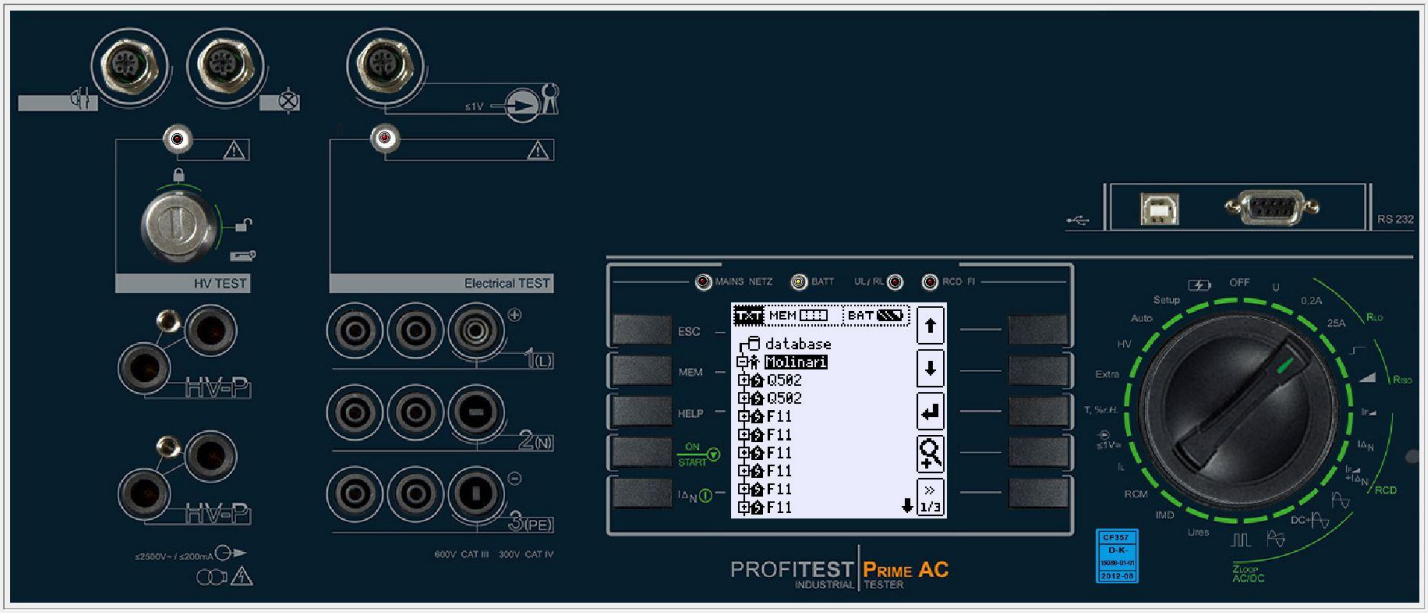
Export completed


## STEP 5

Data are tranferred to test instrument

Start of measurements / tests



GMC INSTRUMENTS

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