



The safest way to use electricity.

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Doepke



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Topic of the seminar

Doepke

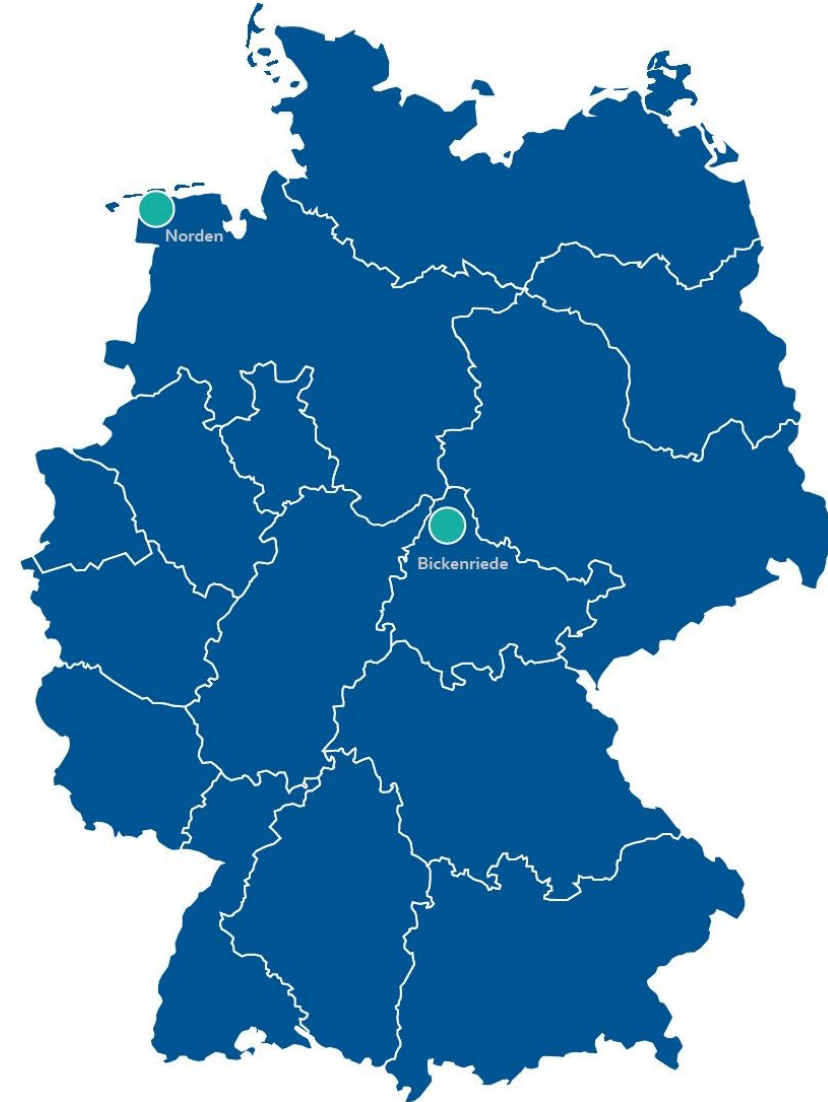
Agenda

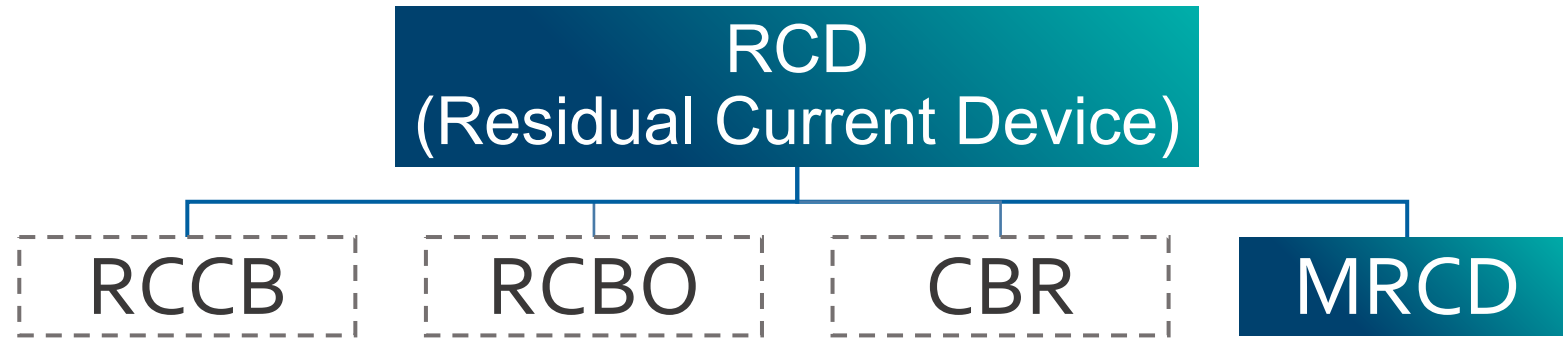
- Who is Doepke?
- Term definitions
- Sporadic or permanent tripping of residual current circuit-breakers
- DRCA 1 system
- EGuard system



Who is Doepke?

- Private owned medium size company
- Located in the North West of Germany
- Founded in 1956
- One of the first producers of RCCBs in the 1950
- Since then the specialist for residual current technology with the widest range of RCCBs on the market
- Made in Germany





Term Definitions

RCM = Residual Current Monitor

Switching

Monitoring

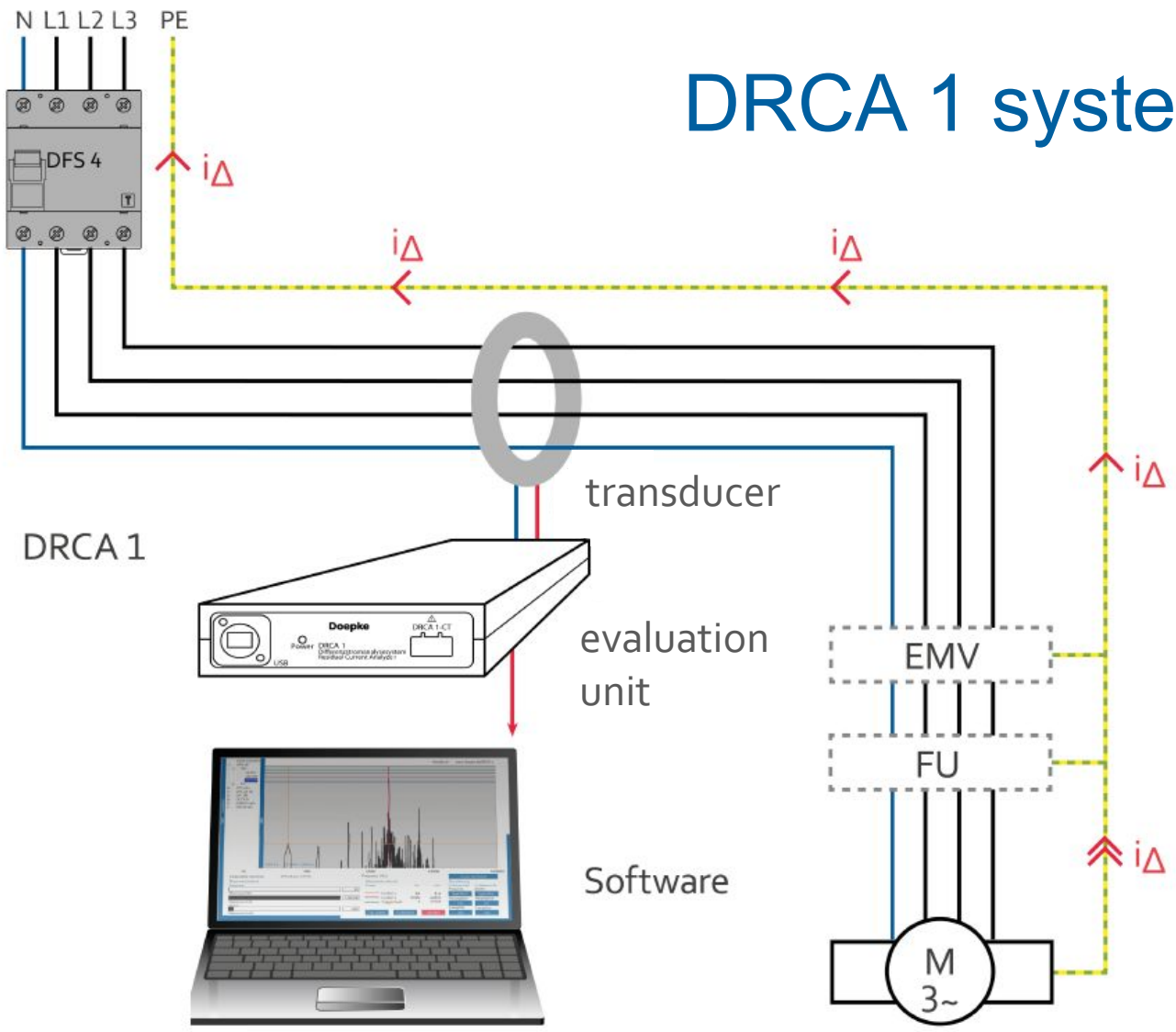


Sporadic or permanent tripping

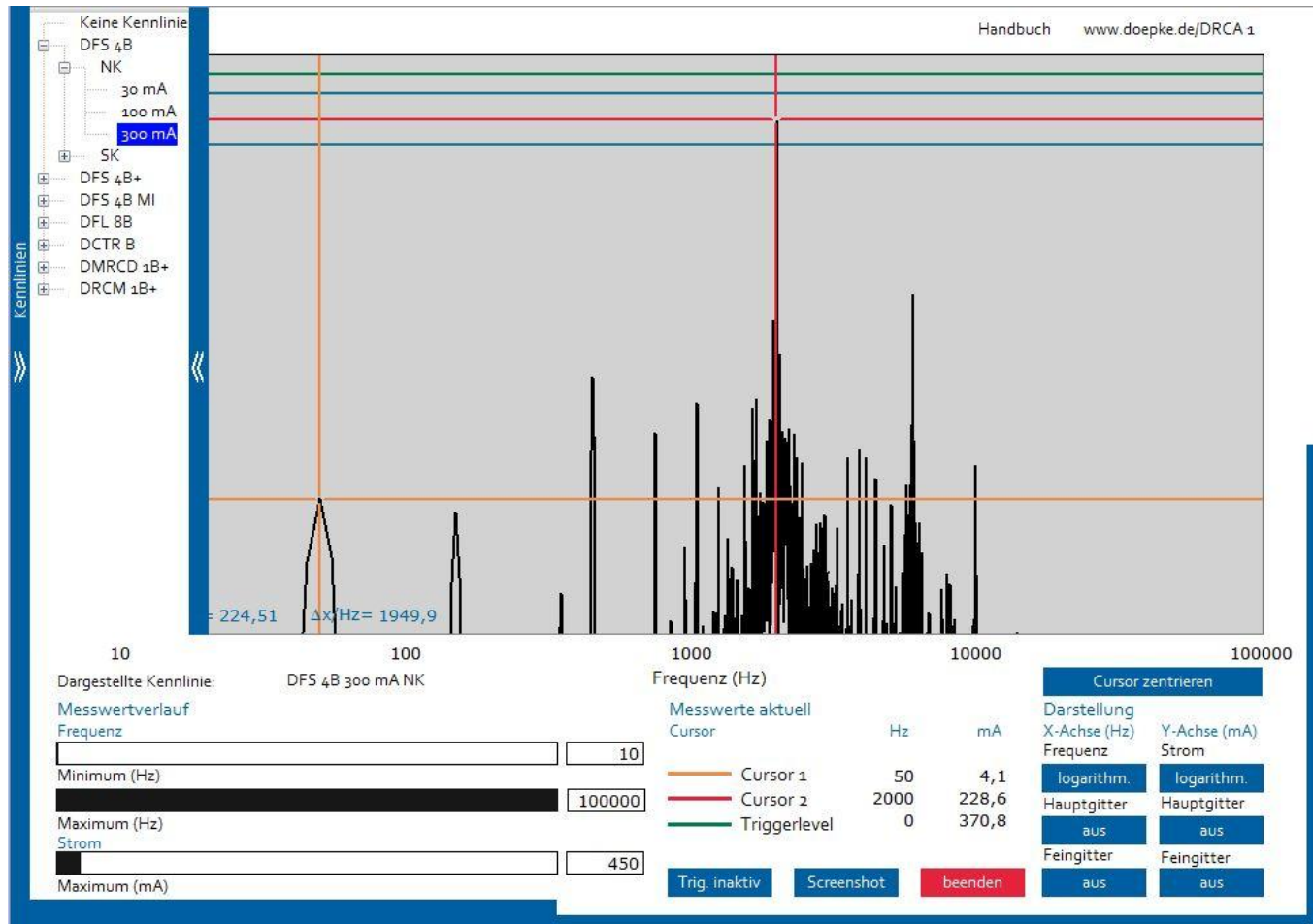
- Thinking: Protective conductor only carries a current in the event of a fault
- Practice looks different !



DRCA 1 system



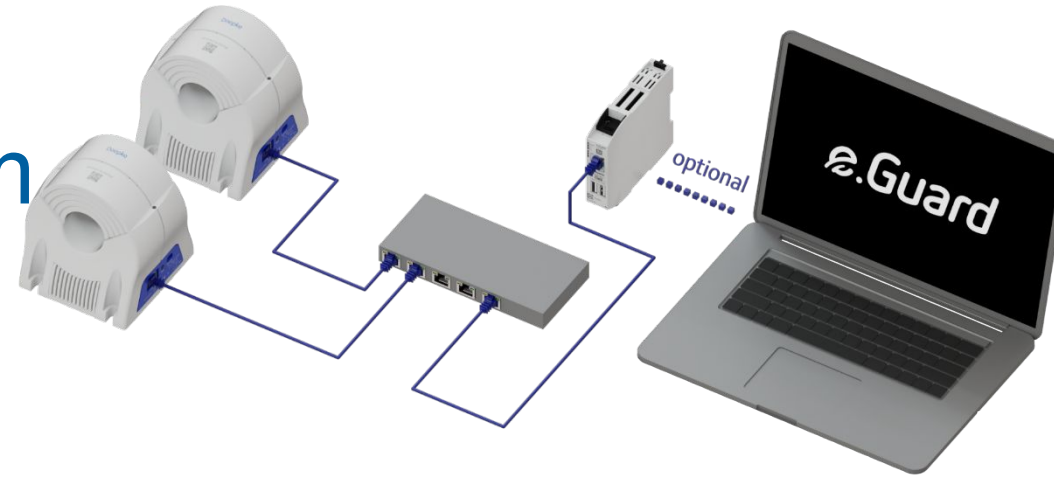
Visualisation and Evaluation



EGuard system

Components:

- Smart Transformers
- Switch
- Industrial IOT Gateway
- Laptop



basic



expertise



cloud



EGuard system

Advantages:

- Predictive maintenance
- Resulting out of it : downtime of equipment or machinery can be avoided and additional costs avoided
- Permanent insulation system
- Fire protection: configuration of threshold values
- Data analysis





Many thanks
for your attention!

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