



Origin



→ 10 years of leading pioneering work

Our vision

A photograph of an industrial facility, likely a cement plant or quarry. In the foreground, a yellow Volvo wheel loader is parked on a dirt surface. Behind it, there are large piles of sand or gravel. In the background, several large industrial buildings with corrugated metal roofs are visible, along with a complex network of conveyor belts and structural steel. The sky is clear and blue.

Ensure the competitiveness of industry
and enable a world with 100% renewable energies

Our tool



Data-based products and services
that enable optimal decisions on the use of energy

Successful market entry

Customer

> 200 industrial plants; Europe-wide

Team

> 25 headcount (80% software-developer / engineers)

Technology

multiple award-winning software innovation

Grants

€ 3.5 million public funding + € 2.5 equity investments

Actual

Partnering with selected customers & partners



Customer base

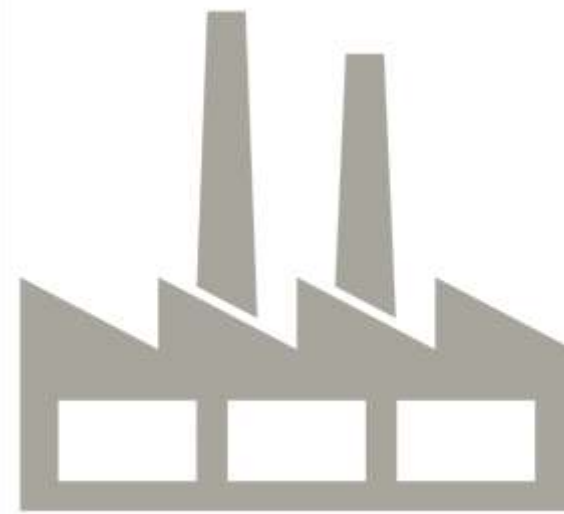
Metal



Food



Mech. Eng.



Plastic



Electronics



Others



Customer base

Big customers



Small and Medium customers

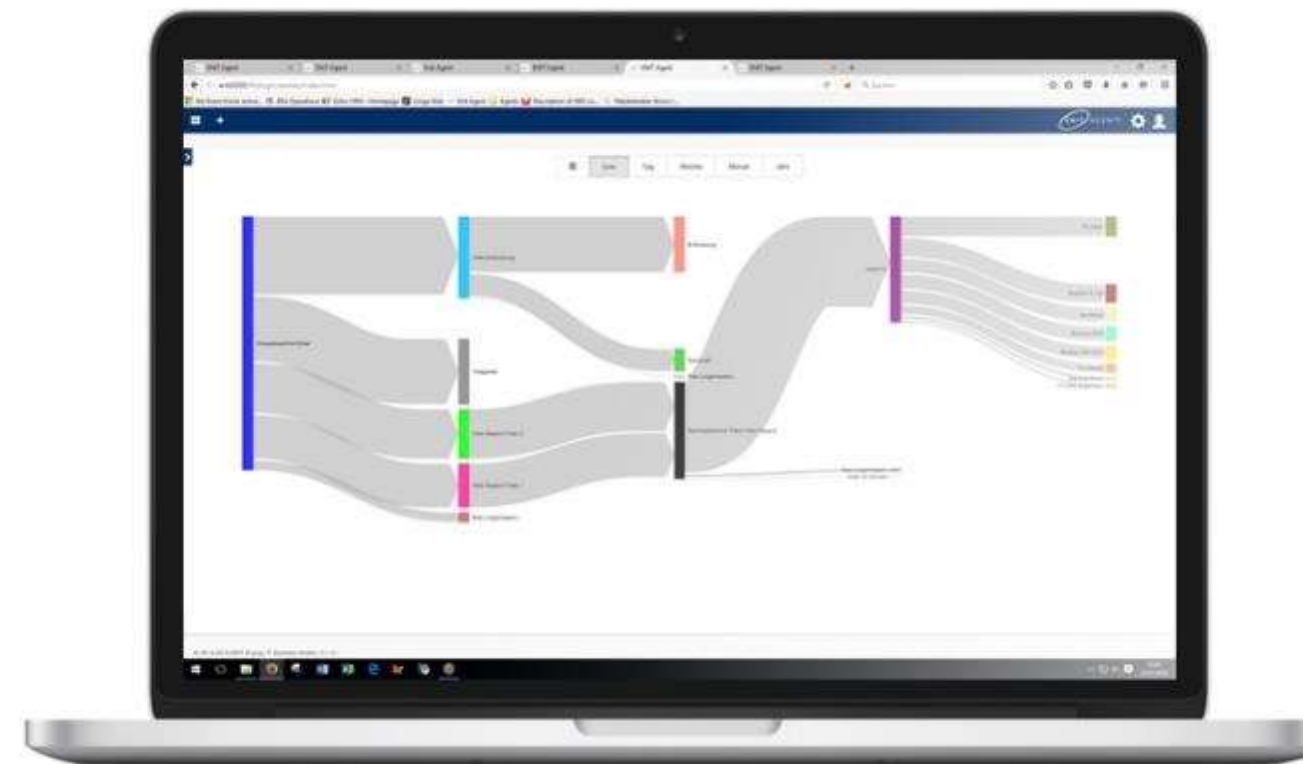


Offering

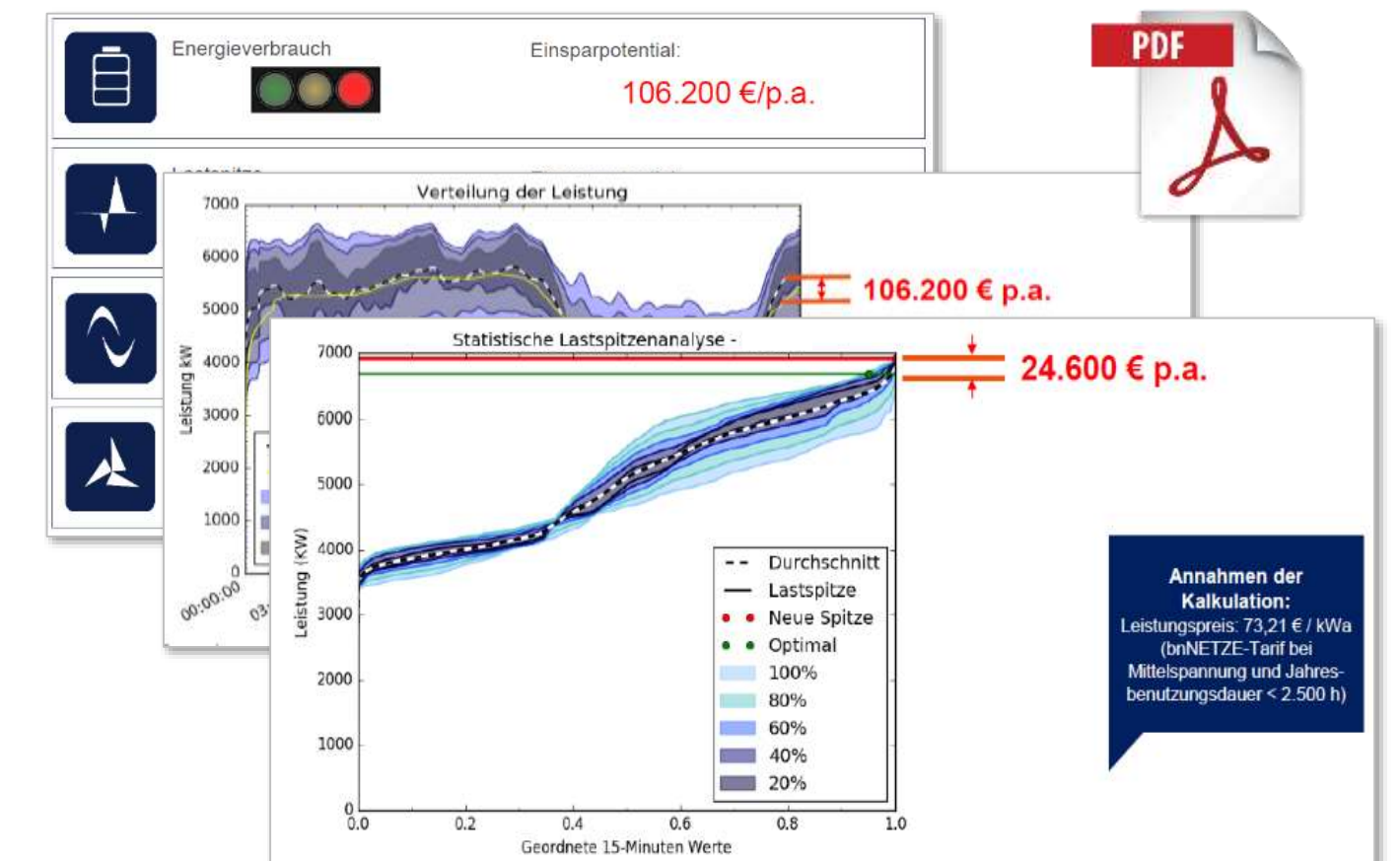
Hardware



Software



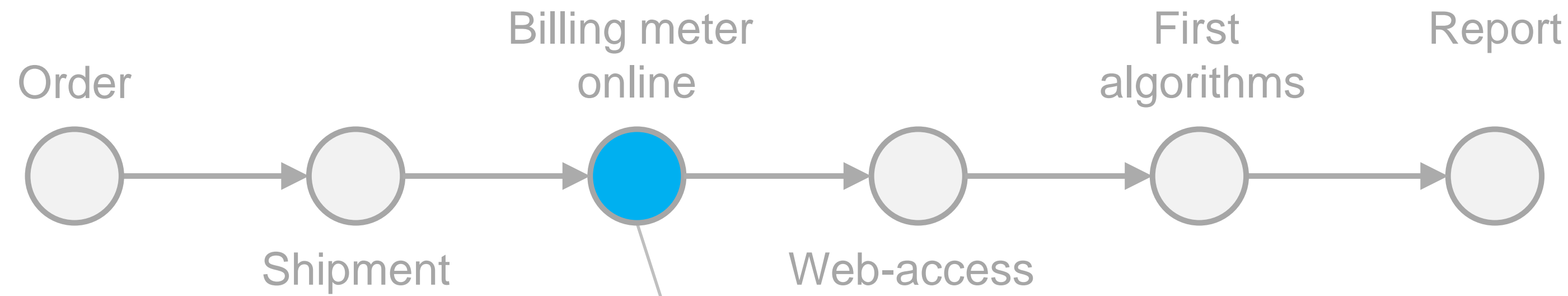
Analytics



→ seamless = no to-do for customer

< 10 minute for installation

Step 1 of 3 ✓



First slides:

ENIT SYSTEMS
Energie einfach managen.

Beginning of Operation
Viessmann Heizsysteme GmbH
Dombóvár

Stacked Recorded Active Power at Submeters
Insight into high-resolution Analysis Software

Active Energy 2017
Comparison of the Main Meter and the Submeter of total consumption

Recorded Active Power at Main Meter
Insight into high-resolution Analysis Software

Power and Energy flow
Sankey Diagram in Live View

Contact us

ENIT SYSTEMS
Energie einfach managen.

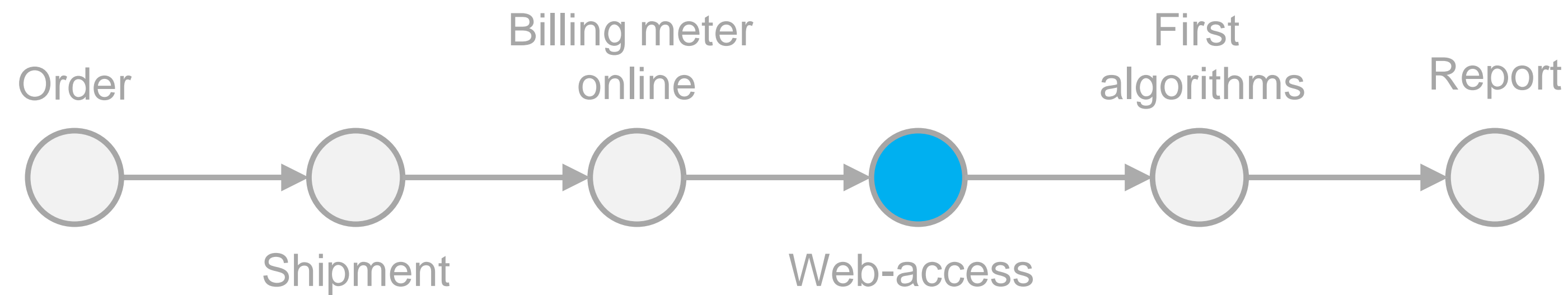
Do you have Questions concerning ...
... Analysis
... Submeters
... Web-Access?
We like to help you out!

Energy-Analysis and Projectmanagement
Phone +49 (0) 761 458910-78
Email service@enit-systems.com
ENIT Energy IT Systems GmbH
Güterhallenstraße 4
79106 Freiburg, Germany

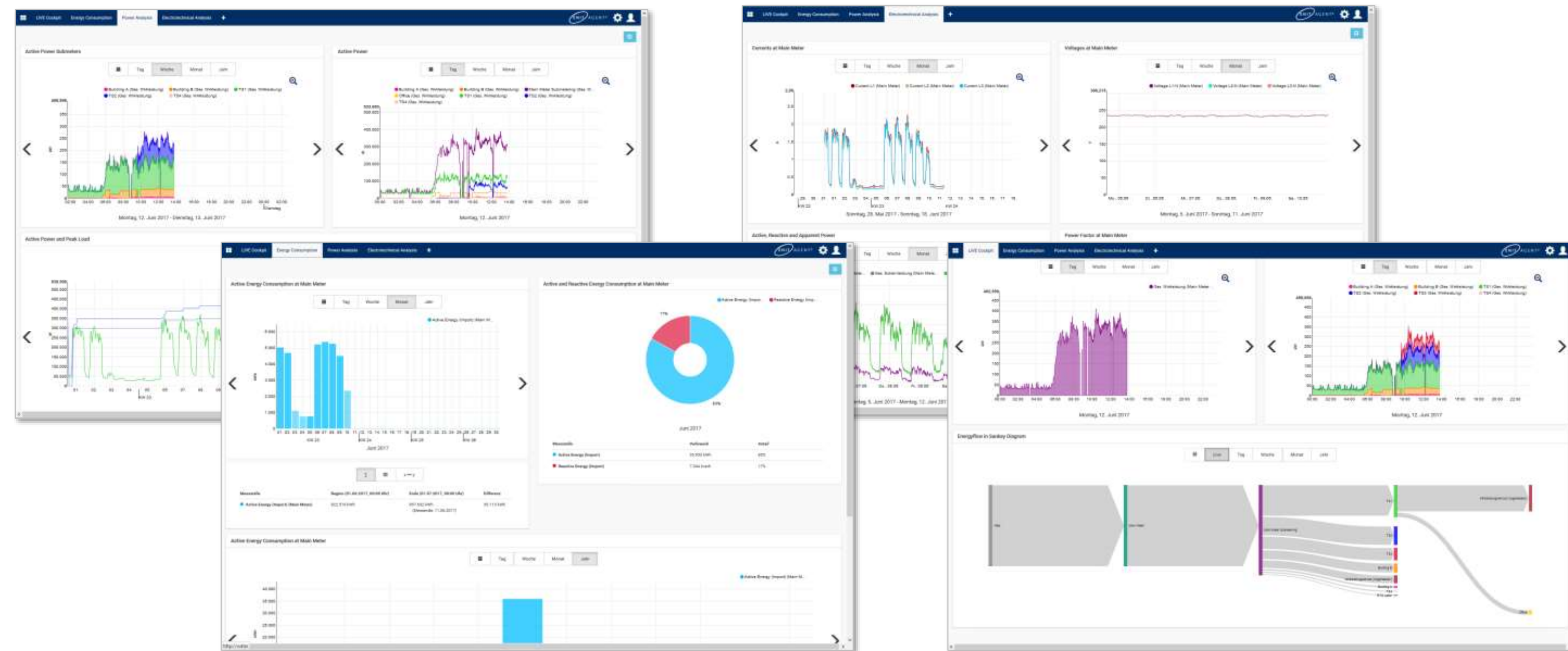
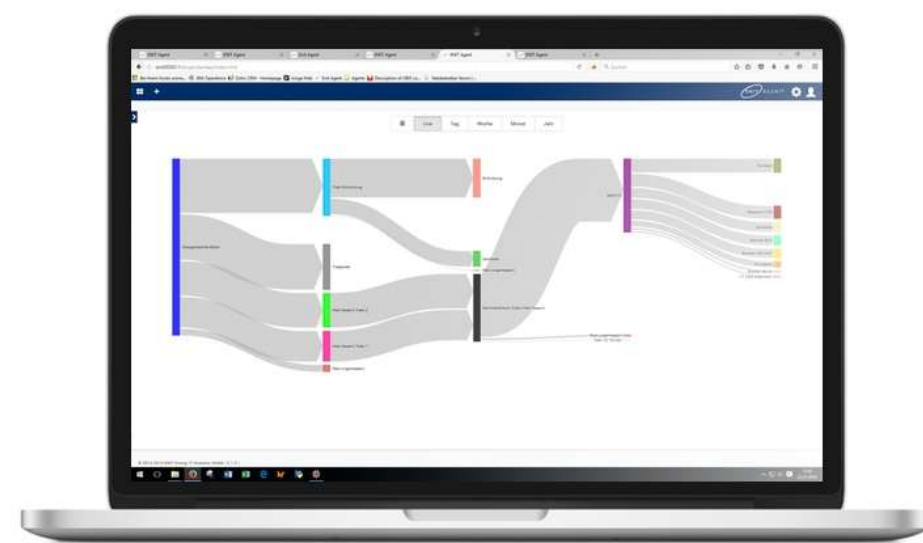
→ billing meter online and first slides

Direct web-access to UI

Step 2 of 3 ✓



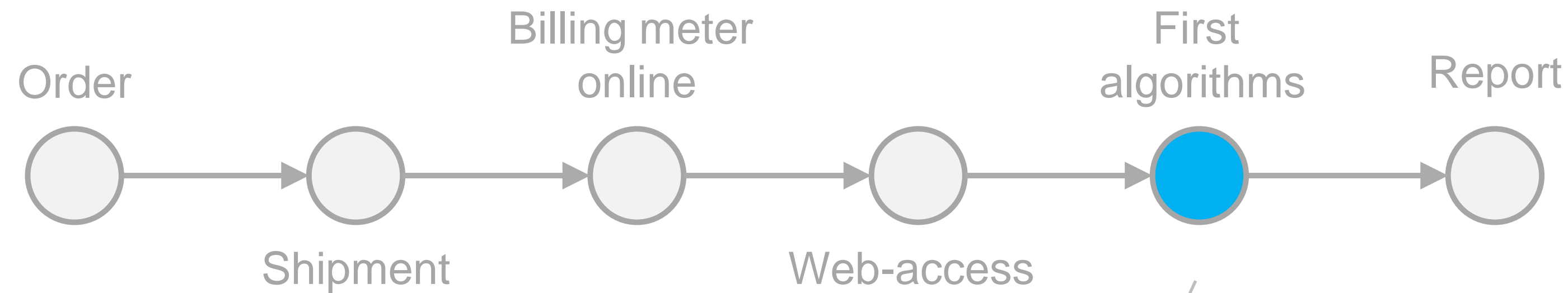
Pre-configured dashboards:



→ pre-configured dashboards

First algorithms on quick wins

Step 3 of 3 ✓



First algorithms

ENIT SYSTEMS
Energie einfach managen.

Assessment for quick wins
Databased Analysis for Viessmann Heizsysteme GmbH
05.07.2017

Statistic Analysis of Loadprofile
Assessment of savings potential of active energy

Statistic Analysis of Loadprofile
Assessment of savings potential of base load

Statistic Analysis of Loadprofile
Assessment of savings potential of peak load

Energy consumption
Savings Potential: 357.800 €/p.a. **Quick wins: ~12,6%**

Peakload
Savings Potential: 127.000 €/p.a.

Reactive Energy
→ Consumption of reactive energy doesn't increase active energy consumption

Electrotechnical
Recommendation of action: Security of System, Irregularities

Accessible via Software / Report

→ first algorithms applied after 4 full weeks

Deep dive: Submeter integration

- Electricity
- Heat
- Gas/oil
- Steam/water
- Compressed air
- Machine data
- Temperature
- Sound
- ...



- socomec
Innovative Power Solutions
- Schneider Electric
- SIEMENS
- Janitza®
Landis + Gyr+
- ABB
- elster
Honeywell
- EMH
- KBR
Energy Management
- GOSSEN METRAWATT
- CAMILLE BAUER
- Panasonic
celsa
- Itron
kamstrup
- FRAKO
- NZR
- e CON
SOLUTIONS
- ...

→ integration of all media and types

Open Edge

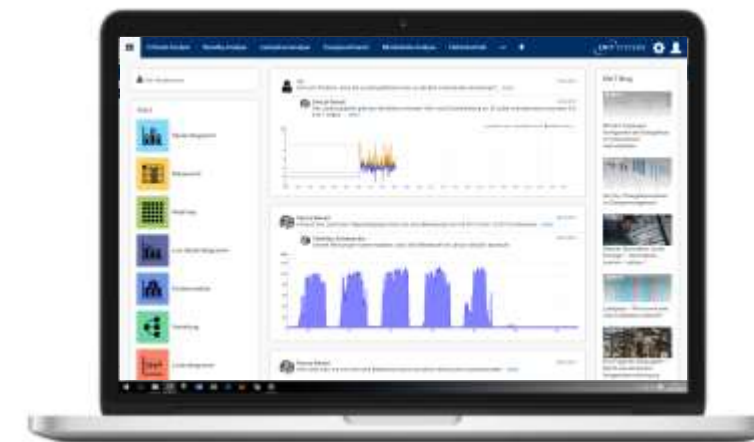
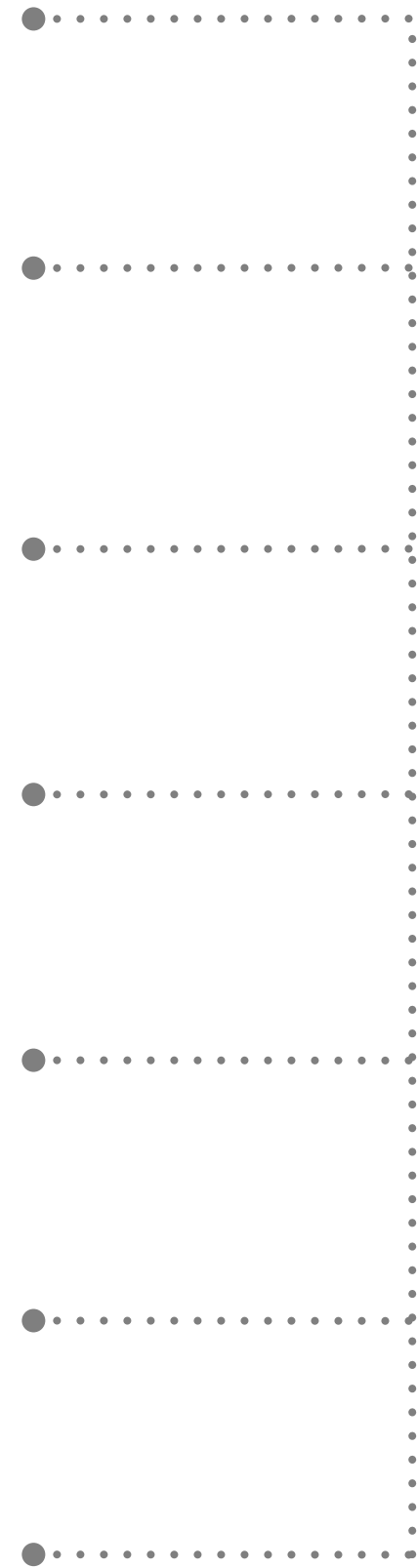


MES

SPS

GLT

...



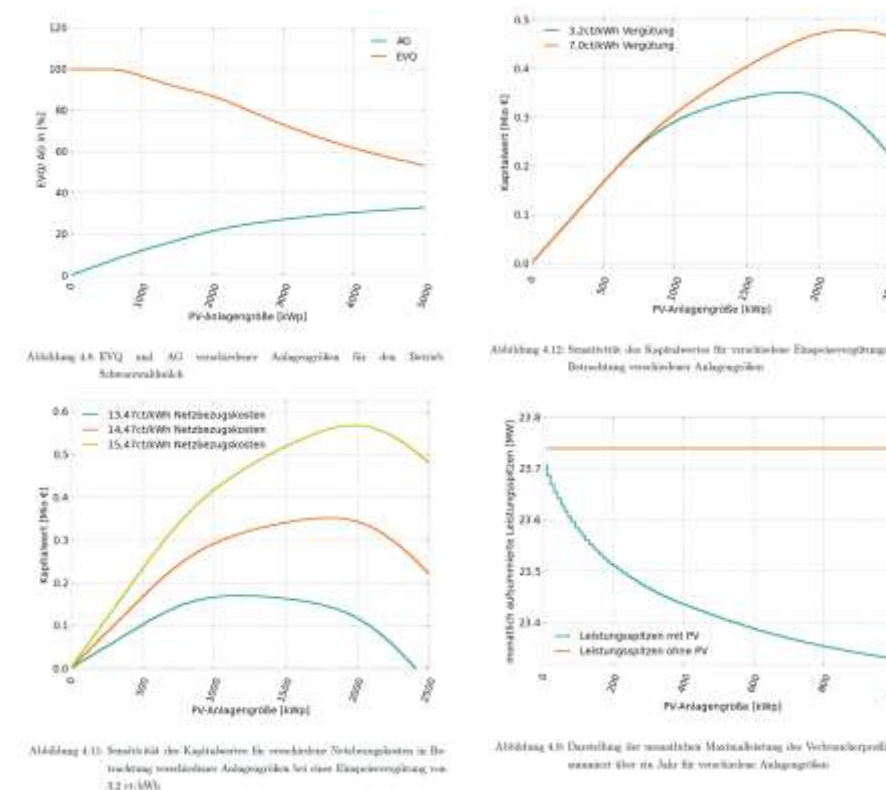
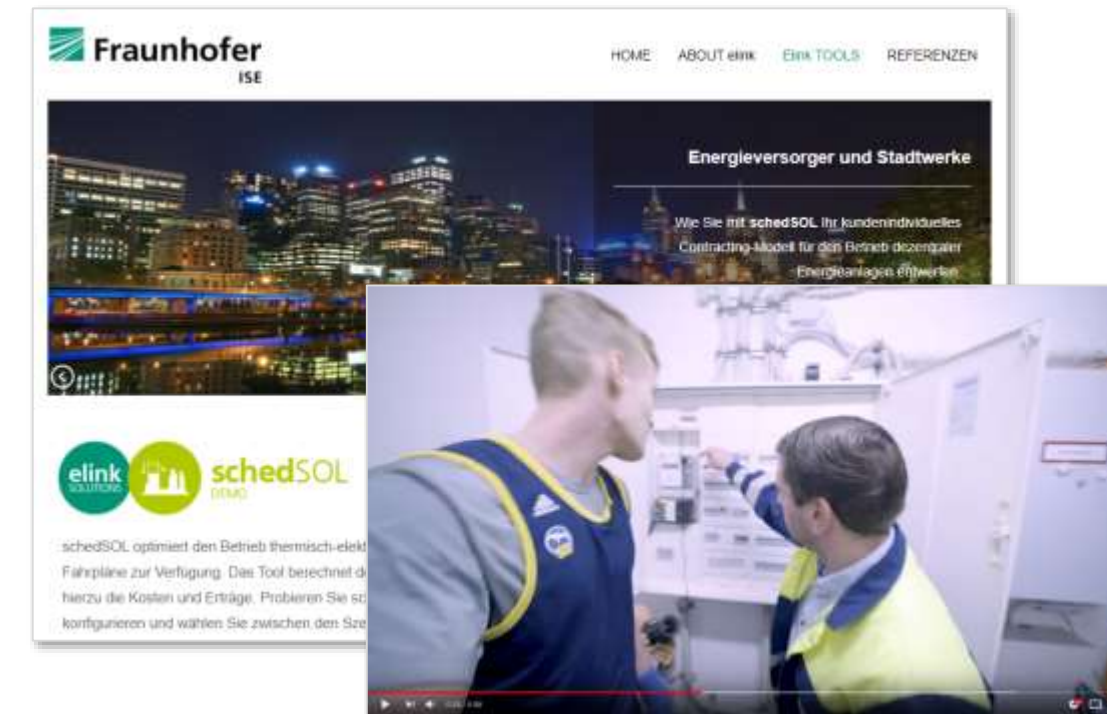
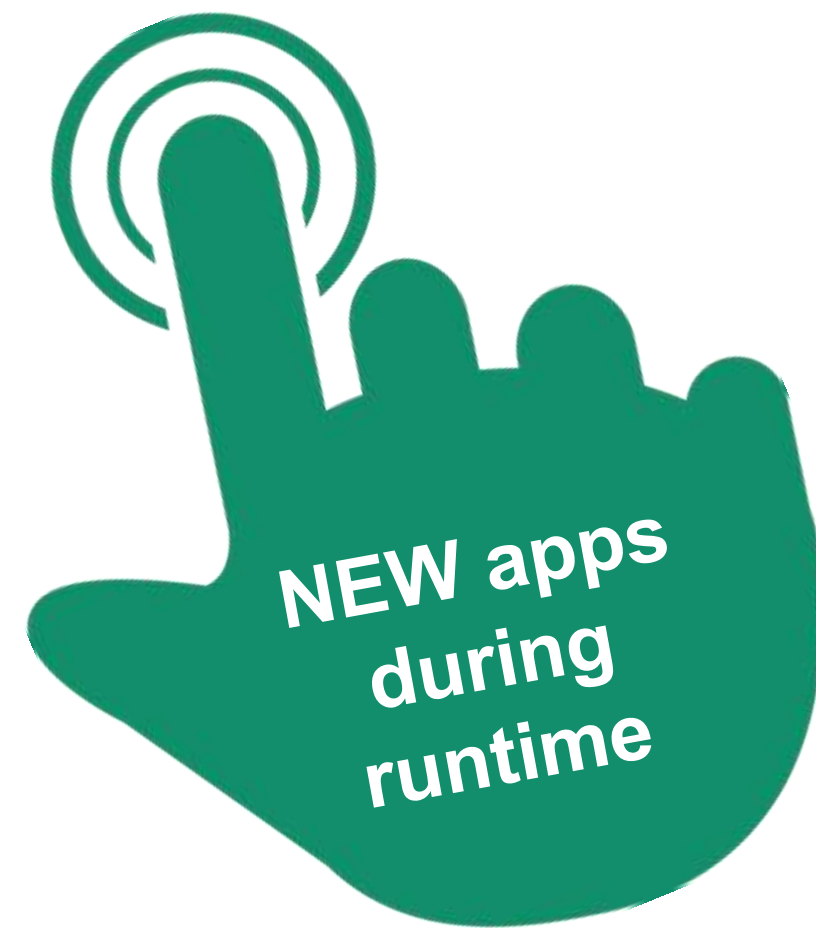
Apps



Meters & Machines

Deep dive: Open platform

Data based extensions by 3rd-Parties



High-resolution simulation for PV & battery systems

Let's get it done!



Thank you!

