


mc | meteo|control|

The background image shows a person in silhouette standing on a balcony or rooftop, looking out over a city skyline. In the foreground, there is a desk with a pair of glasses, a pen, and some papers. The overall color scheme is blue and white.

***WE ARE ONE OF THE
WORLDWIDE LEADING
PROVIDERS OF INDEPENDENT
SOLAR MONITORING SYSTEMS.***

A person wearing a dark suit and a watch is working on a piece of electronic equipment inside a server rack. The equipment has a blue screen displaying the 'ITC | meteo|control' logo. Above the screen, a white label reads 'Monitoring System blue'Log X-Series' and lists technical specifications: Art. No. 532.003, Type X-3000, MAC 00:24:80:00:EA:E5, and HW. No. 798108.0715.0012. The background shows other server units and blue cables.

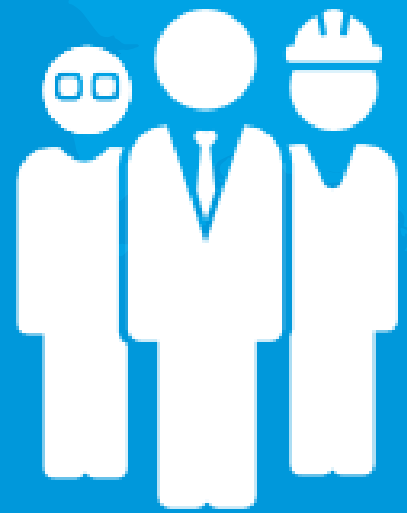
***WE HAVE MORE THAN 40
YEARS EXPERIENCE IN
DEVELOPING MONITORING
SOFTWARE AND HARDWARE
FOR SOLAR PV SYSTEMS.***



***OUR INDEPENDENT
ENGINEERING DIVISION HAS
SUPPORTED PROJECTS WITH A
TOTAL INVESTMENT OF MORE
THAN 13 BILLION EUROS.***

METEOCONTROL AT A GLANCE

40 YEARS
EXPERIENCE
IN PV SYSTEMS



160
SPECIALIZED
EMPLOYEES



12
WORLDWIDE
LOCATIONS



45.000
MONITORED
PV PLANTS



13 GWP
MONITORED
POWER



12 WORLDWIDE LOCATIONS

40 YEARS
EXPERIENCE
IN PV SYSTEMS

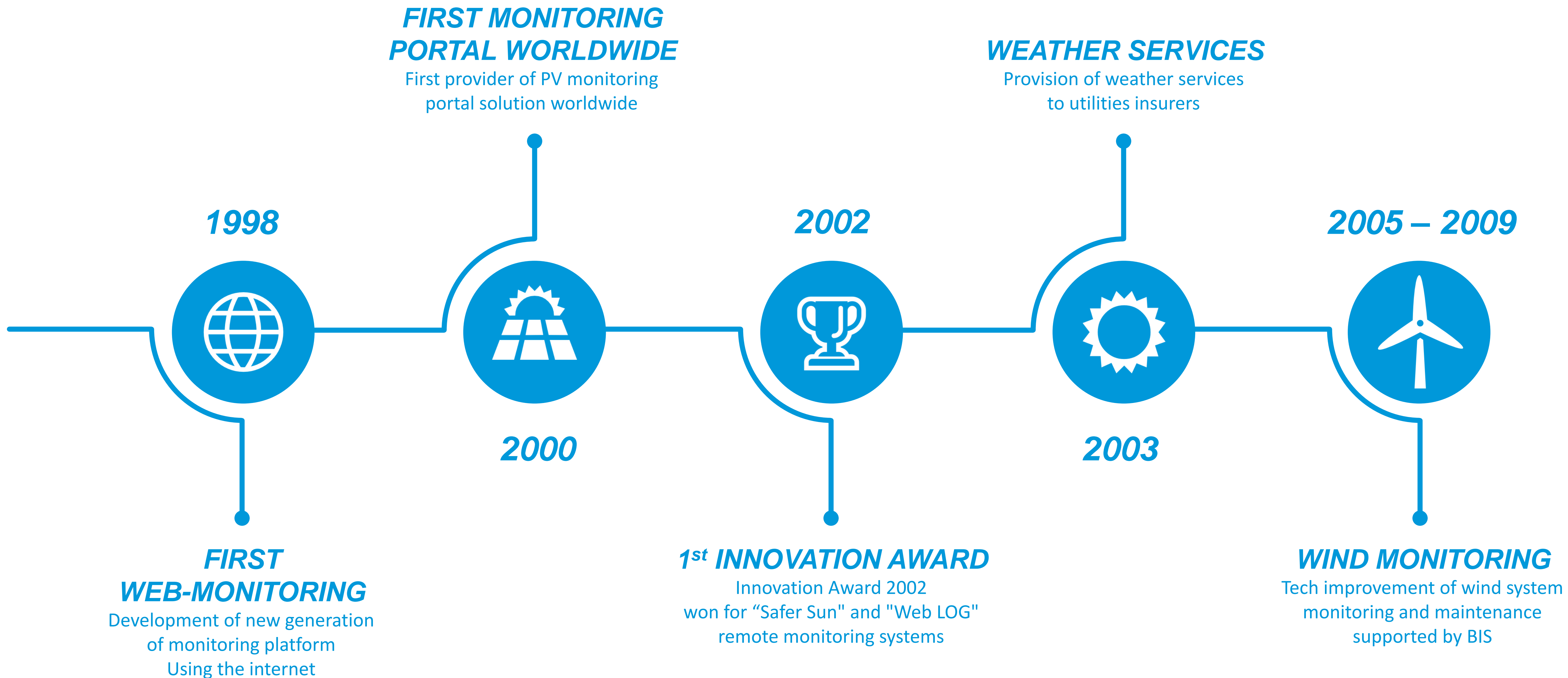
AUGSBURG	GERMANY
CHICAGO	USA
LYON	FRANCE
MADRID	SPAIN
MILAN	ITALY
MELBOURNE	AUSTRALIA
AHMEDABAD	INDIA
SAN SALVADOR	EL SALVADOR
SANTIAGO DE CHILE	CHILE
SHANGHAI	CHINA
TAIPEI	TAIWAN
TOKYO	JAPAN

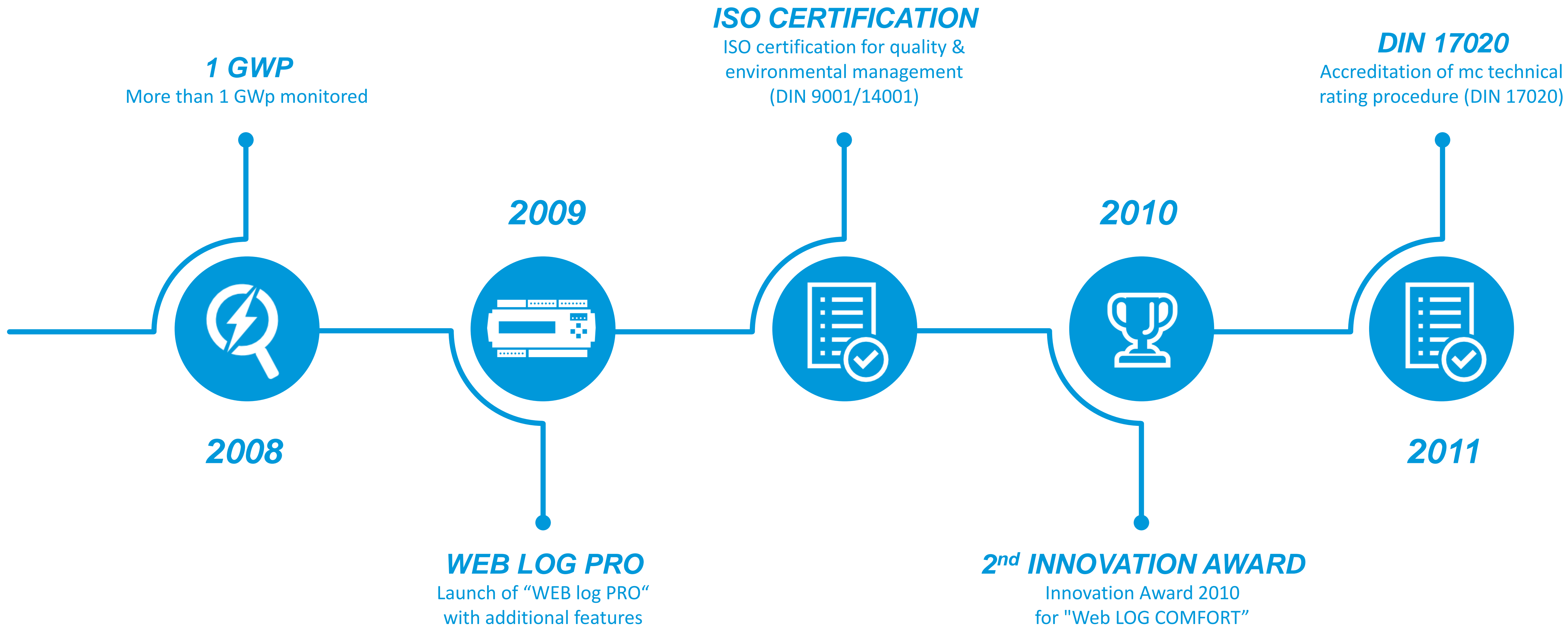


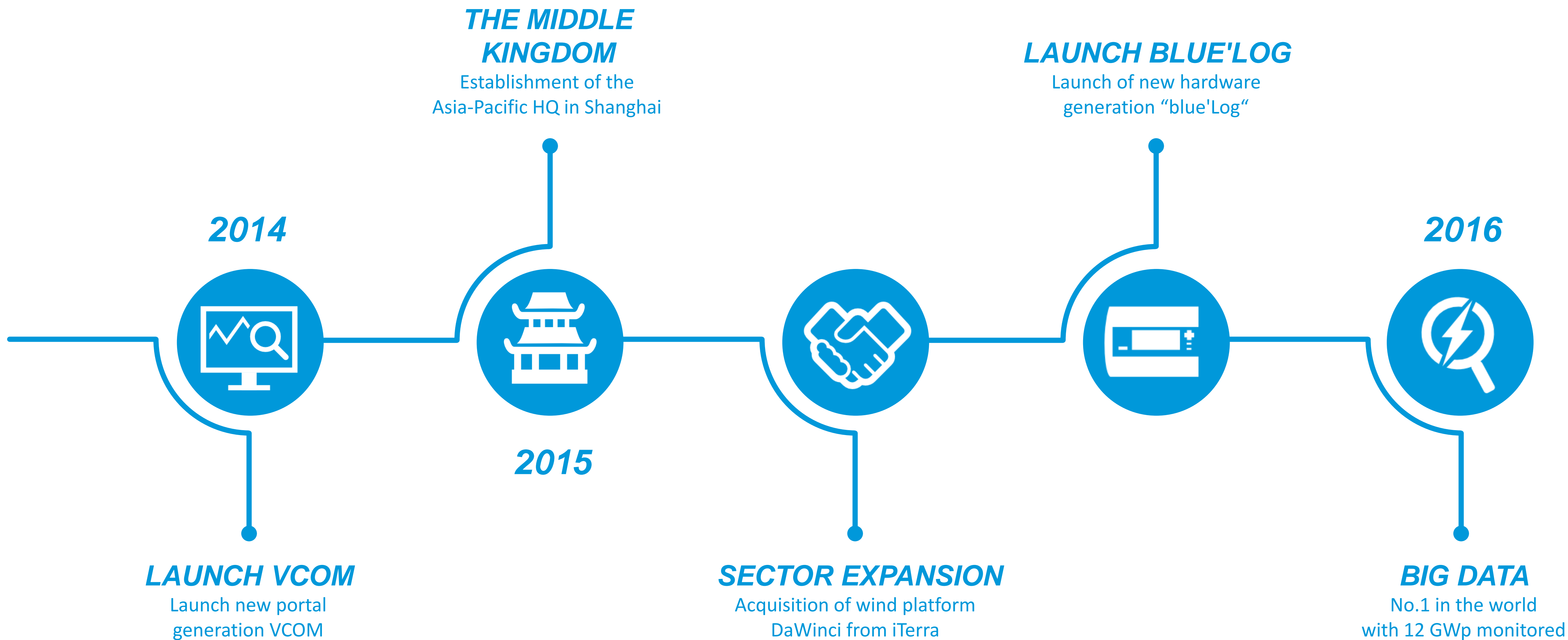
45.000 MONITORED PV-PLANTS

40 YEARS
EXPERIENCE
IN PV SYSTEMS









OUR SERVICES

The bottom of the slide features two overlapping wavy lines. The top line is a light blue color, and the bottom line is a slightly darker blue. Both lines start from the left edge, curve upwards to a peak, and then curve downwards towards the right edge.

OUR SERVICES



VCOM

Professional
remote monitoring



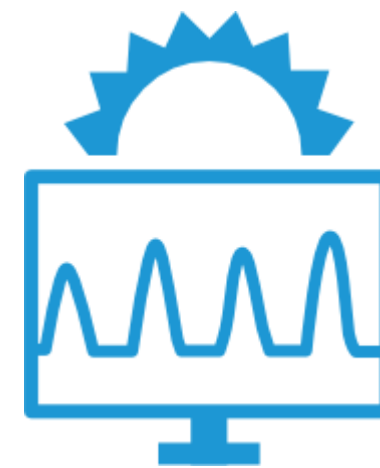
YIELD REPORT

Precise yield calculation to plan
and evaluate your projects



blue'Log X-Series

Central component of PV
monitoring and controlling



SOLAR POWER FORECAST

Accurate forecasts
for systems worldwide



SCADA CENTER

The local SCADA solution for monitoring
and managing your PV power station



ON-SITE COMMISSIONING

Commissioning of monitoring,
power plant controllers and SCADA

OUR SOLUTIONS

The bottom of the slide features two overlapping wavy lines. The top line is a light blue color, and the bottom line is a slightly darker shade of blue. Both lines flow from the left side towards the right, creating a sense of movement and depth.

OUR SOLUTIONS

HOLISTIC, MARKET LEADING SOLUTION –
ALL COMPONENTS PERFECTLY TUNED

Local SCADA &
remote monitoring
platform from
ONE SINGLE
SOURCE!



LOCAL SCADA



HOLISTIC MONITORING + CONTROL SOLUTIONS



CLOUD PLATFORM / APP

blue'Log X-Series

The bottom of the slide features two decorative, wavy lines. The top line is a light blue color and the bottom line is a slightly darker blue color. Both lines start on the left side, curve downwards, then upwards to a peak, and finally curve downwards again towards the right side.



***POWERFUL
ADAPTIVE
CONNECTED***

blue'Log X-Series



COMMUNICATES
WITH ALL MAJOR
INVERTERS!

- ✓ Modularity by add-on modules
- ✓ All-in-one driver
- ✓ Mixed operation of different inverter types
- ✓ Remote access without VPN and dynDNS
- ✓ Direct access through VCOM platform
- ✓ Power management functionalities

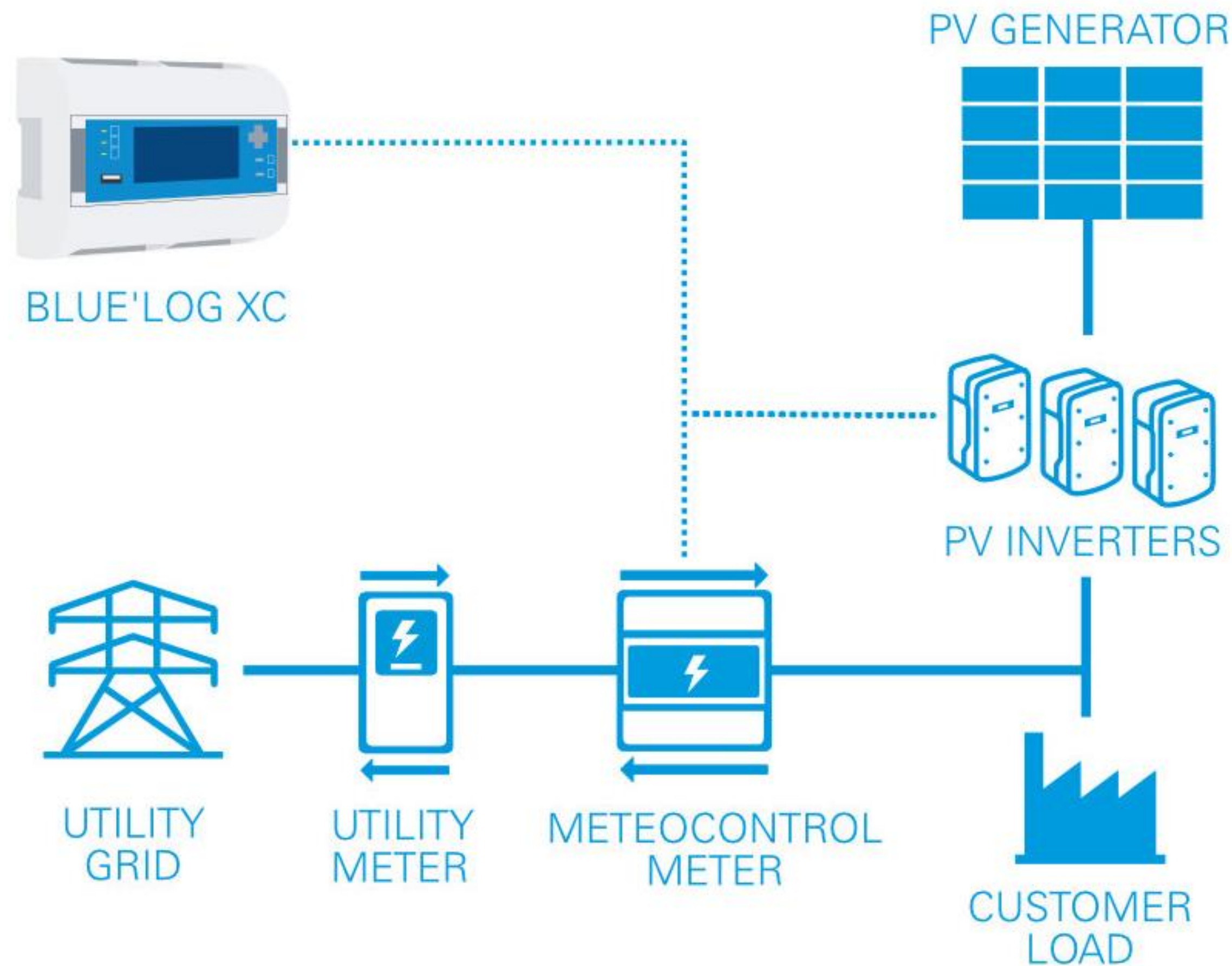


ZERO FEED-IN

100% SELF-CONSUMPTION GUARANTEED



CLOSED LOOP CONTROL & FAIL-SAFE OPERATION



- ✓ Continuous feedback of actual parameters at the grid connection point enables fast and stable control
- ✓ High-accuracy utility measurement ensures precise control
- ✓ Dynamic active power setpoint calculation considering actual load and PV generation
- ✓ Auto-detection of communication failures
- ✓ Automatic switch from normal to fail-safe operation mode
- ✓ Configurable behavior in event of error - Hold last setpoint or default setpoint (e.g. 0 %)

VIRTUAL CONTROL ROOM

VCOM – VIRTUAL CONTROL ROOM

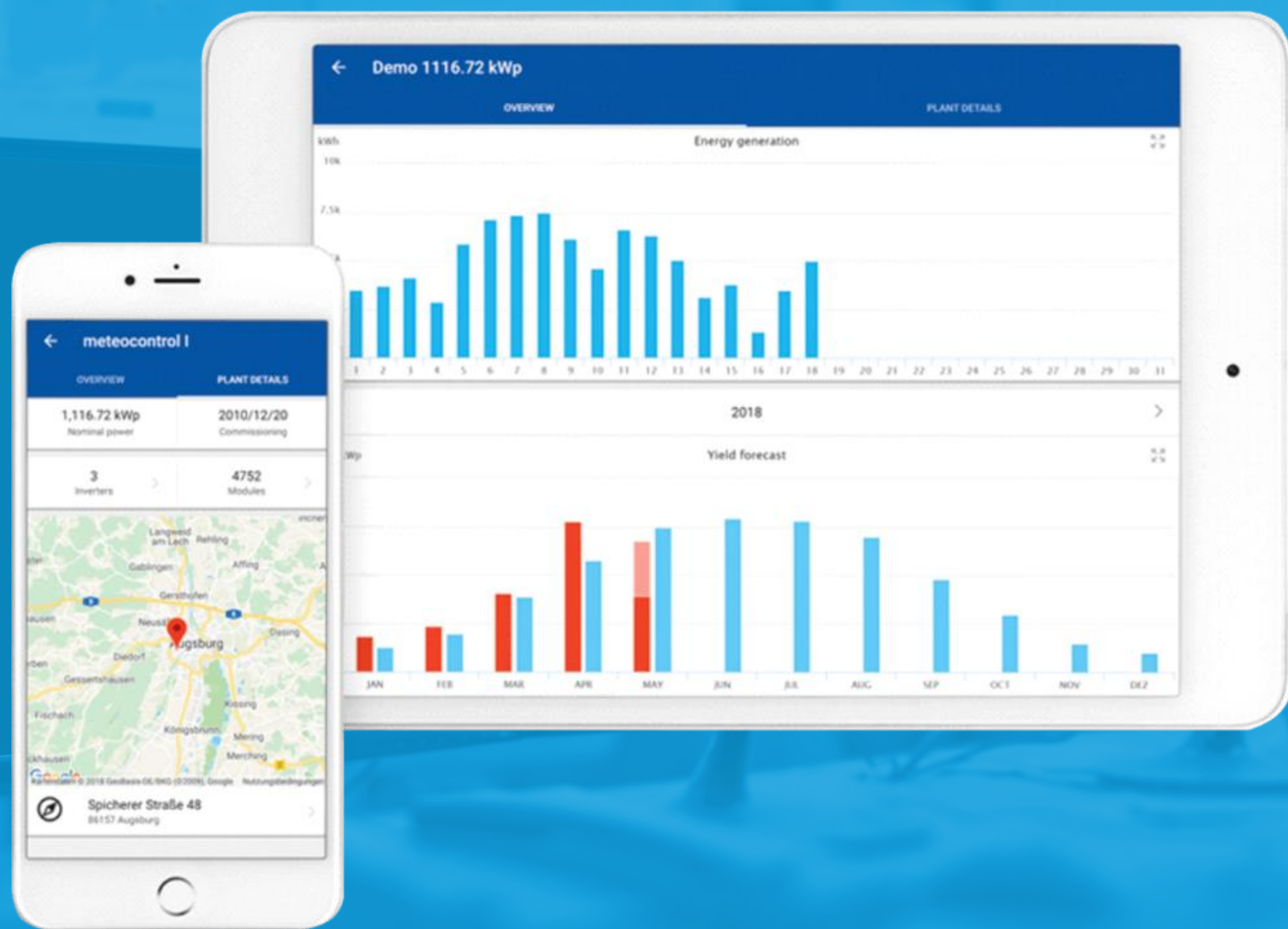
PROFESSIONAL REMOTE MONITORING PLATFORM



- ✓ Market leading software
- ✓ Portal solution for professional remote monitoring
- ✓ Detailed performance and failure analysis
- ✓ Ticket system
- ✓ Reporting system
- ✓ Third party compatibility
- ✓ Field Service App

VCOM

MONITORING APP

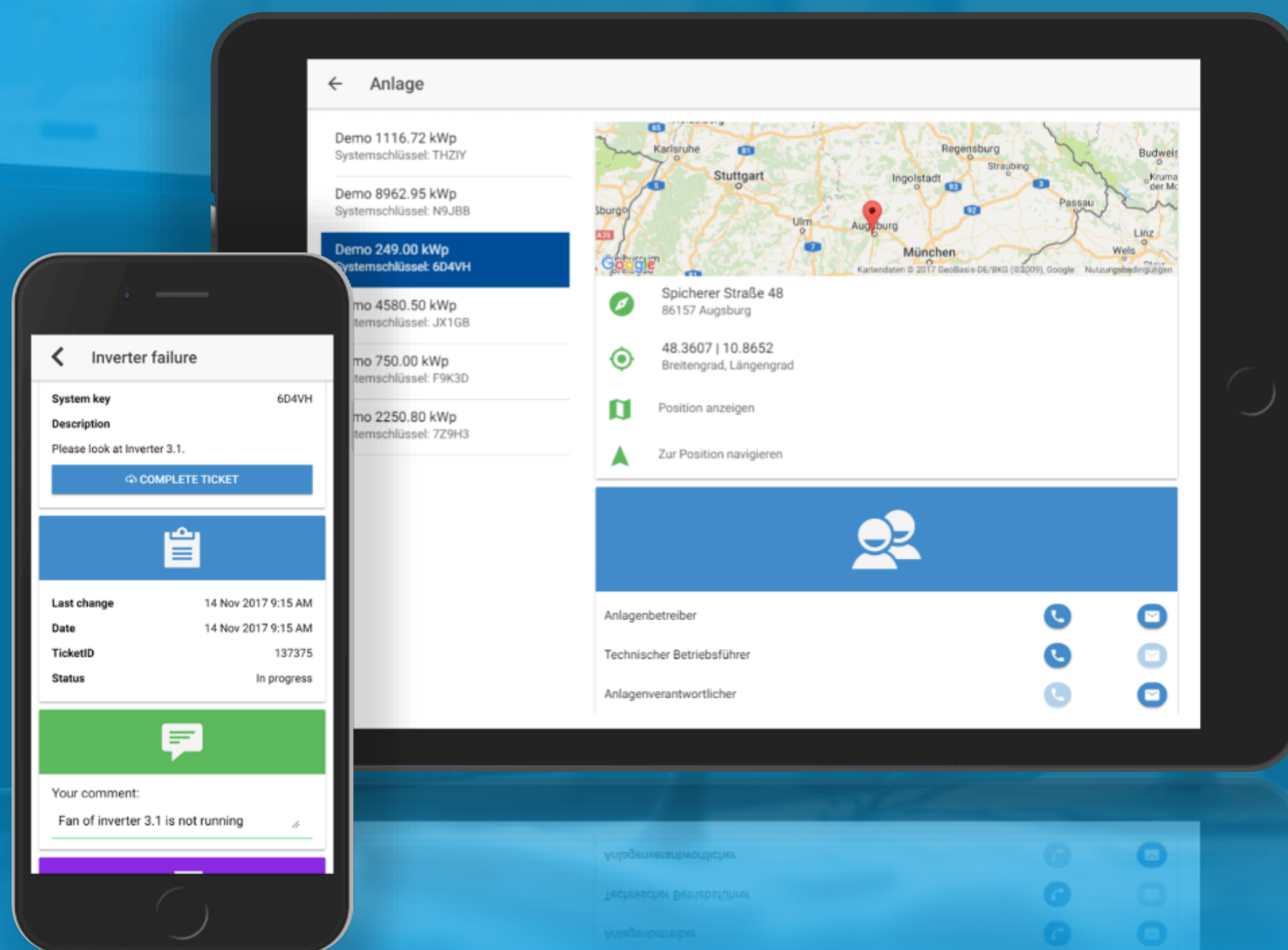


- ✓ All your plants on your smartphone
- ✓ Monitoring your most important key performance indicators
- ✓ Key metrics such as energy and performance ratio
- ✓ See the power of your plants in real time
- ✓ See the power of your plants in real time.



VCOM

O&M APP



- ✓ Permanently linked to VCOM service management section
- ✓ Direct exchange of information with technical operator and VCOM ticket system
- ✓ Available for iOS & Android



POWER PLANT CONTROLLER

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PPC

CERTIFIED POWER PLANT CONTROLLER



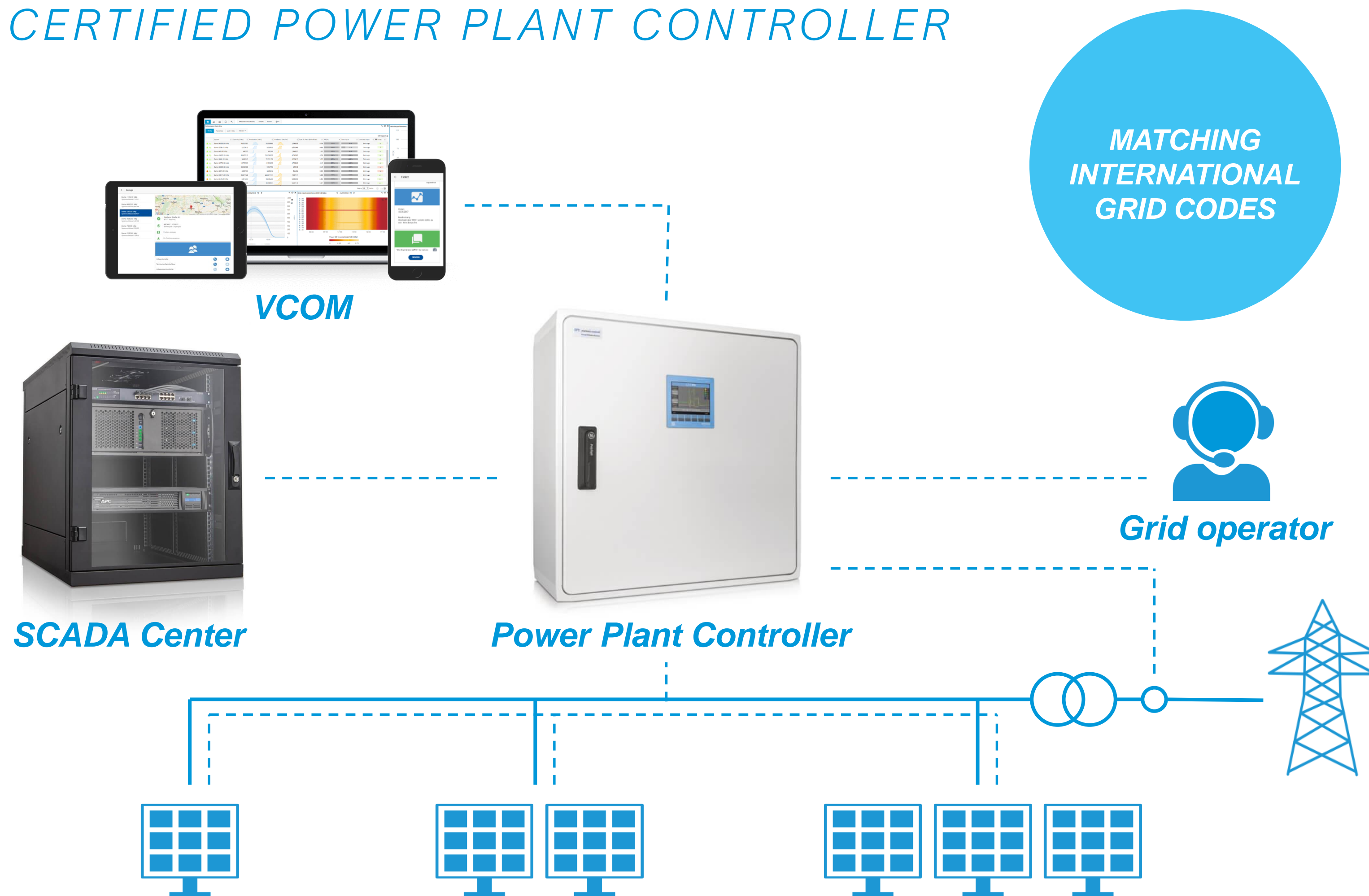
**MATCHING
INTERNATIONAL
GRID CODES**

**CONFORMITY
WITH
VDE-AR-N
4110 / 4120**

- ✓ Comprehensive control of active and reactive power
- ✓ Voltage control of heterogeneous PV plants
- ✓ High-accuracy power quality analyzer records all grid parameters during operation
- ✓ RMS simulation model available: MATLAB/Simulink, PowerFactory or PSS/E

PPC

CERTIFIED POWER PLANT CONTROLLER



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TECHNICAL CONSULTING

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YIELD REPORT



Calculation of the expected long-term yield of your PV project



Based on highly precise weather data, taking into account local conditions such as dust soiling, shading etc.



Consideration of specific system configuration

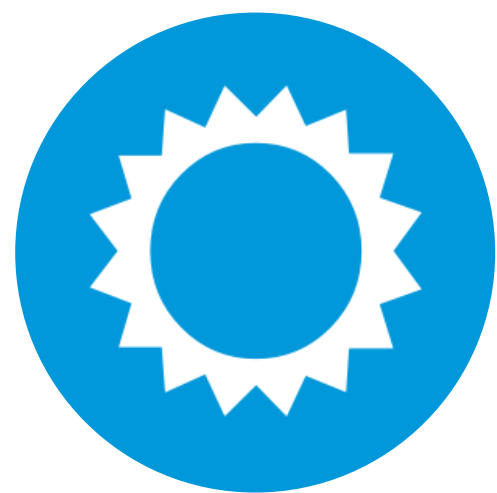


Independent Yield Report to finance your project

SOLAR POWER FORECASTING

The bottom of the slide features two overlapping, smooth, wavy lines in white and a lighter blue shade, creating a modern, fluid design element.

THE ART OF FORECASTING



ACCURATE DATA

Combination of highly accurate weather data and yield data from remote monitoring of PV systems



MONITORING

Monitoring of over 13 GWp of worldwide provides a reliable basis for our calculation system



DATA AMOUNT

Huge amount of data from over 45.000 plants worldwide as USP to optimize our forecasting method



MACHINE LEARNING

Adaptive machine learning algorithm assessing which combination of methods fits best to your system

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