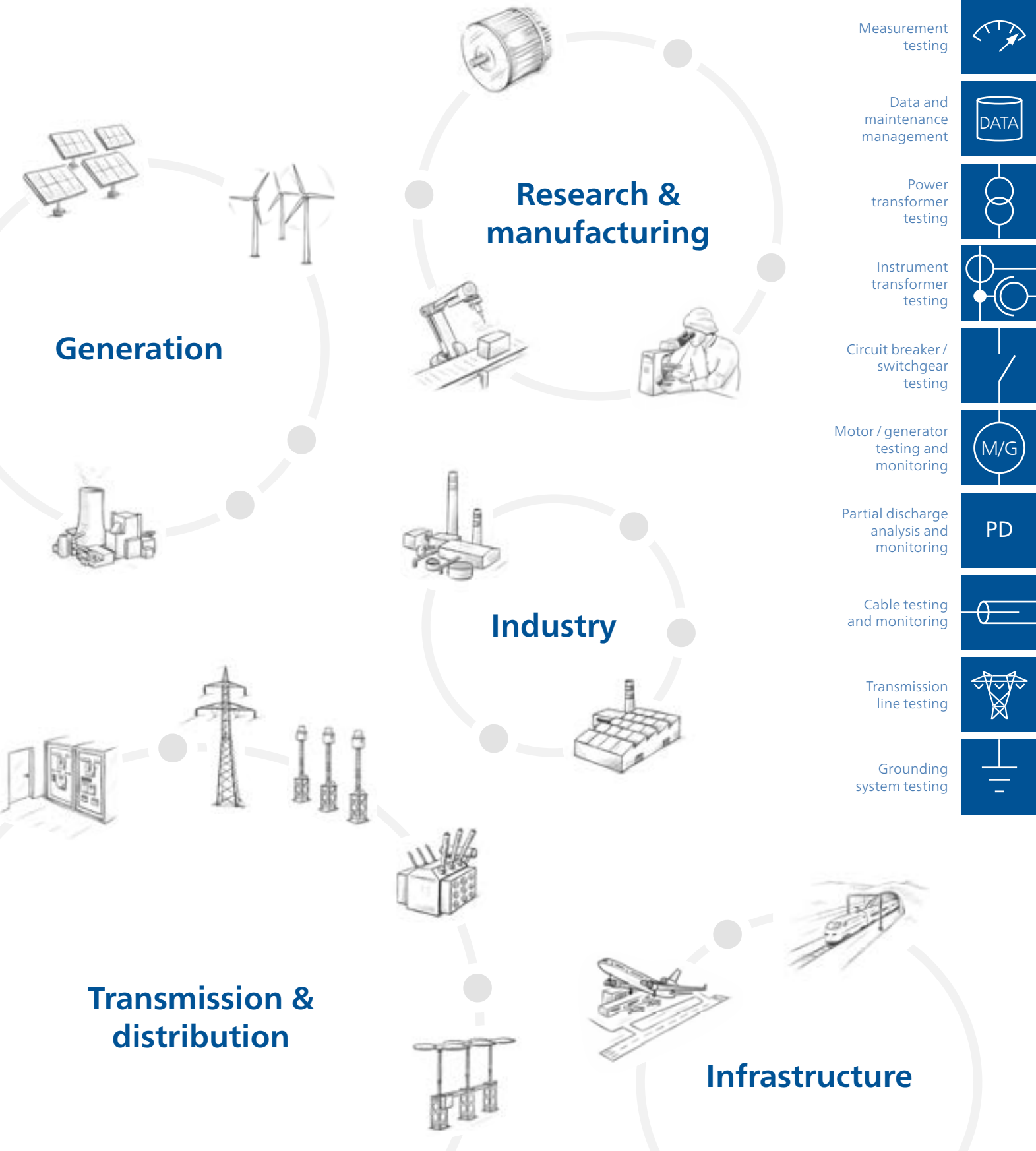


OMICRON Products and Solutions



TAILORED TESTING AND MONITORING SOLUTIONS





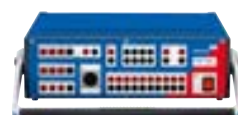
Protection and recloser control testing



6-phase test sets



CMC 356
Universal relay test set and commissioning tool



CMC 256plus
High-precision relay test set

3-phase test sets



CMC 430
Ultra-portable protection test set and calibrator



CMC 353
Compact and versatile three-phase relay test set



CMC 310
Test set for basic three-phase testing

Recloser control test set



ARCO 400
Universal test set for recloser controls



COMPANO 100
Battery-operated primary injection, secondary injection and basic protection test set

Digital substation test set



CMC 850
Protection test set dedicated to IEC 61850

Operation



Test Universe
PC software suite for advanced secondary testing with CMC test sets



PTL
Creation of specific test templates which adapt automatically to the actual relay settings

Management



ADMO
Maintenance management solution for protection systems

Planning



Time Grading
Software for easy creation of time grading schedules



RelaySimTest
Software for system-based protection testing with CMC test sets and ARCO 400

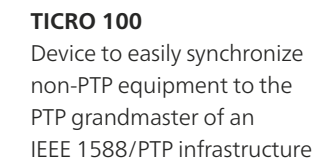
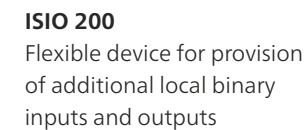
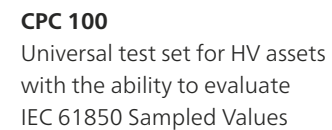
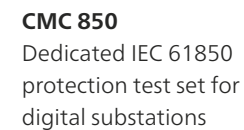
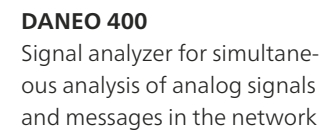
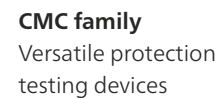


CMControl P
Intuitive control option for simple manual testing with CMC test sets



CMEngine
Programming interface for controlling CMC test sets with user-specific software

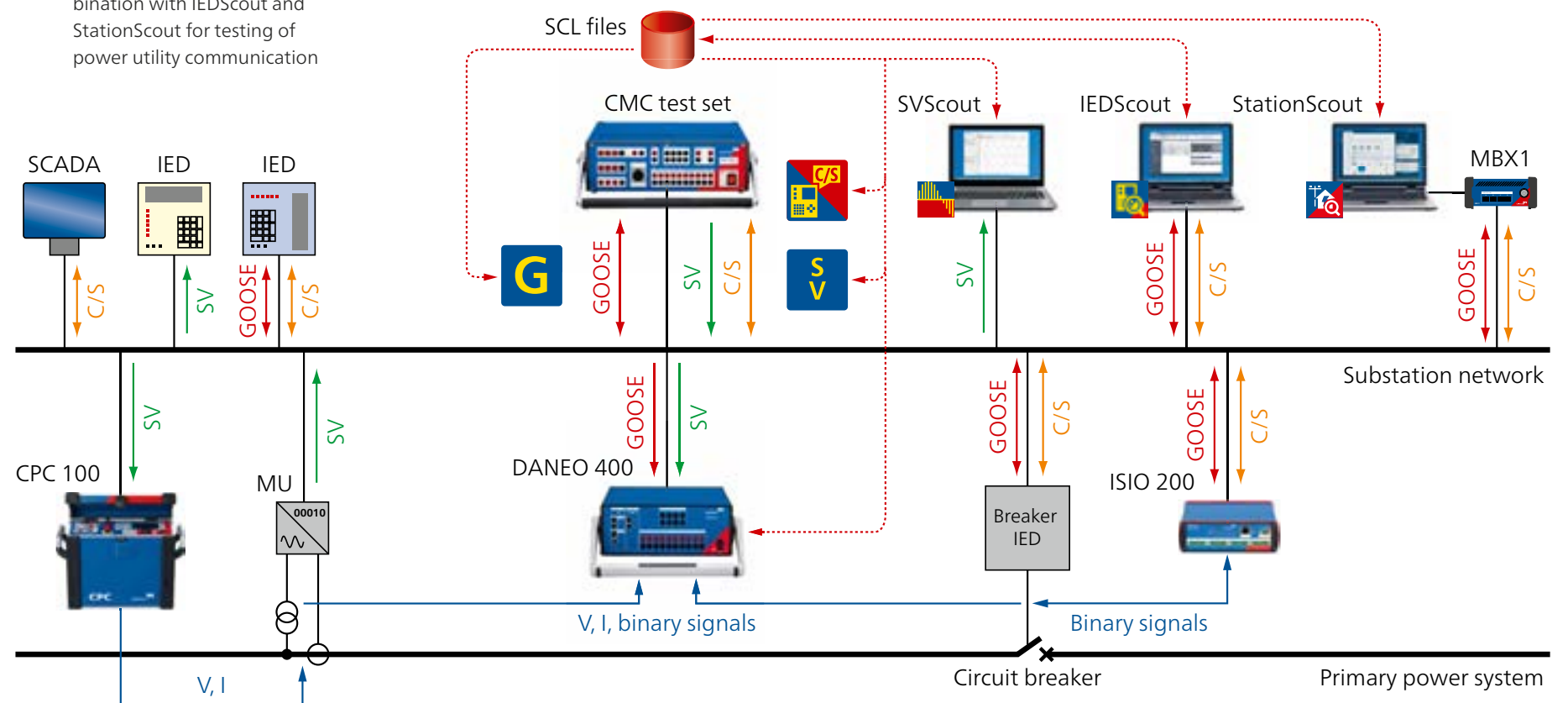
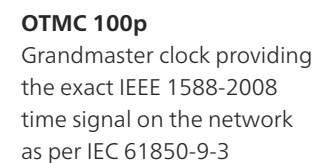
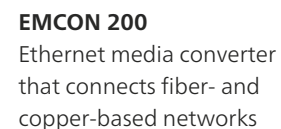
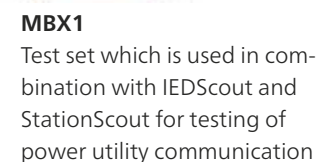
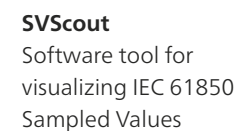
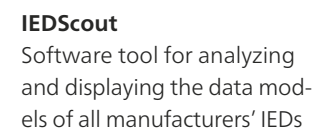
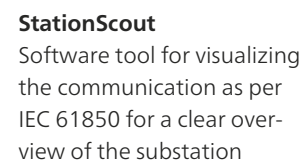




IT security

Cyber security is a top-priority topic for OMICRON. For example, the MBX1 test set helps you to protect your substation by isolating the test PC from the substation network when working with StationScout and IEDScout. Many cyber security hardening measures in the MBX1 test set ensure that this isolation is effective. OMICRON engineers are also involved in the implementation of cyber security measures for power utilities. Contact us to find out how we can help you.

Test software and accessories



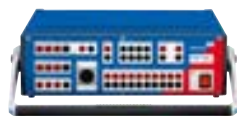


Testing of meters, transducers and power quality meters



Data and maintenance management

6-phase test sets



CMC 256plus
High-precision test set & calibrator



CMC 356
Universal secondary test set



CMC 430
Ultra-lightweight high-precision test set & calibrator

Operation



Test Universe
PC software suite for advanced secondary testing with CMC test sets



CMControl P
Intuitive control option for simple manual testing with CMC test sets

Management



ADMO
Convenient asset and testing management

ADMO



ADMO is an easy-to-use database software for central planning and management of all testing and maintenance activities for protection systems in the power industry.

Modules for ADMO



InSight
The ADMO dashboard processes the asset and maintenance data available in ADMO and displays it using widgets.



Test Set Management
Enables you to add the test sets you use for your maintenance tasks, store test set specific data, schedule test set calibration, and keep track of repair events.



Time Grading
This module supports you in creating your time grading schedules.

Primary Test Manager (PTM)



The Primary Test Manager (PTM) software supports you during diagnostic tests on circuit breakers, current and voltage transformers, rotating machines, grounding systems, power transformers as well as associated equipment such as bushings and on-load tap changers (OLTC).

A high-performance database ensures that the installed equipment and the associated test plans can be managed easily. With the module "PTM DataSync", you can synchronize your database to a central server in order to share and consolidate important asset information company-wide.



CMEngine
Programming interface for developing user-specific test software for CMC test sets



Power transformer testing



TESTRANO 600

Three-phase test system for all common conventional tests on power transformers



TESTRANO 600 + CP TD1

Three-phase test system expanded for dissipation/power factor measurements



CPC 100

Universal primary injection test system for electrical diagnostics on various assets



PDL 650

Acoustic partial discharge localization test system



MONTESTO 200

Portable on-line partial discharge measurement and temporary monitoring system



TANDO 700

High-precision test system for dissipation/power factor and capacitance measurements



CPC 100 + CP TD1

Universal test system expanded for dissipation/power factor measurements



FRNEO 800

Sweep frequency response analyzer (SFRA) for core and winding diagnosis



DIRANA

Dielectric response analyzer for moisture determination in oil-paper insulations



CPC 80 + CP TD1

Dedicated dissipation/power factor test system



CPC Sync

Portable HV source for partial discharge and voltage withstand tests on dry-type transformers



Primary Test Manager

Software for testing and management of primary assets



CT Analyzer

Current transformer test system, e.g. for bushing current transformers



MPD 600

High-end partial discharge measurement and analysis system



MPD 500

Basic partial discharge measurement and analysis system





Instrument transformer testing



CT Analyzer
Current transformer test and calibration system



VOTANO 100
Voltage transformer test and calibration system



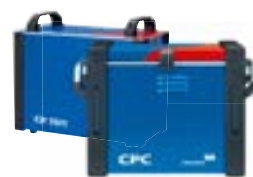
CPC 100
Universal primary injection test system for electrical diagnostics on various assets



COMPANO 100
Portable primary and secondary injection and basic protection test set



DIRANA
Dielectric response analyzer for insulation condition assessment



CPC 100 + CP TD1
Universal test system expanded for dissipation/power factor measurements



CPC 80 + CP TD1
Dedicated dissipation/power factor test system



TANDO 700
High-precision test system for dissipation/power factor and capacitance measurements



MPD 600
High-end partial discharge measurement and analysis system



MPD 500
Basic partial discharge measurement and analysis system



Primary Test Manager
Software for testing and management of primary assets



Circuit breaker / switchgear testing



CIBANO 500 + CB MC2 + CB TN3
Circuit breaker test system for timing, micro-ohm and motion tests with integrated power supply



CPC 100
Universal primary injection test system for electrical diagnostics on various assets



CPC 100 + CP TD1
Universal test system expanded for dissipation/power factor measurements



CPC 80 + CP TD1
Dedicated dissipation/power factor test system



COMPANO 100
Basic test set, e. g. for single-phase timing tests



CT Analyzer
Current transformer test and calibration system, e. g. for GIS current transformers



MPD 600 + UHF 620
High-end partial discharge measurement and analysis system for GIS



CPC 100 + CP RC
Voltage withstand test on GIS with power voltage transformer



Primary Test Manager
Software for testing and management of primary assets





Motor / generator testing and monitoring

PD

Partial discharge analysis and monitoring



CPC 100
Universal primary injection test system for electrical diagnostics on various assets



CPC 100 + CP TD15 + CP CR600
Universal test system expanded for dissipation/power factor measurements, incl. high-voltage source



MONTESTO 200
Portable on-line partial discharge measurement and temporary monitoring system



MPD 600
High-end partial discharge measurement and analysis system



MPD 500
Basic partial discharge measurement and analysis system



PDL 650
Acoustic partial discharge localization test system



MPD 600
High-end partial discharge measurement and analysis system



MPD 500
Basic partial discharge measurement and analysis system



MONGEMO
Partial discharge monitoring system for rotating machines



MONTESTO 200
Portable on-line partial discharge measurement and temporary monitoring system



MONCABLO
Permanent on-line partial discharge monitoring system for high-voltage cables



MONGEMO
Partial discharge monitoring system for rotating machines



TANDO 700
High-precision test system for dissipation/power factor and capacitance measurements



DIRANA
Dielectric response analyzer for insulation condition assessment



Primary Test Manager
Software for testing and management of primary assets



M/G

PD



Cable testing and monitoring



CPC 100 + CP CU1

Universal test system expanded for impedance and k-factor measurements



MPD 600

High-end partial discharge measurement and analysis system



TANDO 700

High-precision test system for dissipation/power factor and capacitance measurements



MONTESTO 200

Portable on-line partial discharge measurement and temporary monitoring system



MONCABLO

Permanent on-line partial discharge monitoring system for high-voltage cables



Transmission line testing



CPC 100 + CP CU1

Universal test system expanded for impedance, k-factor and mutual coupling measurements



Grounding system testing



CPC 100 + CP CU1 + HGT1

Universal test system expanded for ground impedance, and step and touch voltage measurements

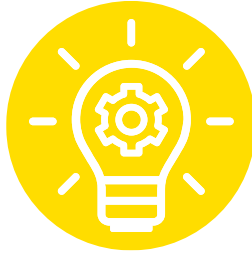


COMPANO 100

Basic test set for ground impedance, and step and touch voltage measurements in small stations



**Innovation &
reliability**



Quality



By choosing OMICRON, you do not
decide to simply buy a product.
You also gain a family-owned partner
with a stable corporate philosophy and
independent funding to support you
with passion and energy throughout
the entire life cycle of your
OMICRON product, and beyond.

Knowledge



Support



Learn more



Quality for your lasting success

Run-in tests for every device

Assembled devices pass high-voltage tests as well as an environmental test where the device is exposed to temperature changes for 72 hours.



100% routine testing

We test each individual component and module prior to assembling.

Made in Austria and Germany

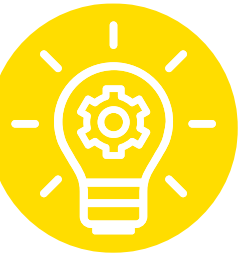
All our devices are produced in Austria and Germany and guarantee highest quality during production. Our suppliers are long-term partners in the region.

Compliance with international standards

We are compliant with ISO 9001, ISO 14001, OHSAS 18001, TÜV and EMAS.

Safe operation

We use state-of-the-art technology for a maximum level of security: guided workflows, simple wiring concepts, fiber-optical connections, safety options compliant to all standards, manuals in many languages.



Continuous software maintenance and upgrades

More than 200 software developers ensure our software tools stay up-to-date in the long term.

Innovation and long-term reliability

Large investments in R&D

We invest over 15% of our annual sales in R&D to continually set groundbreaking standards in our industry.

Time-saving solutions

Our solutions help you to reduce your testing time with test templates, one-button-tests, automated test procedures and reduced wiring efforts.

24/7 technical support

Reach one of our highly qualified and experienced support engineers – immediately and directly via our technical support hotline. Benefit from our global support network with extensive product and application knowledge – 24 hours, 7 days a week.

Americas:	+1 713 830 4660 +1 800-OMICRON
Europe / Middle East:	+43 59495 4444
Asia-Pacific:	+852 3767 5500
India:	+91 11 3057 5429
Australia:	+61 3 9473 8400 1 800 223 177 (toll free)

Rental devices

Benefit from our rental device offer when you are in need of a device.



Repair and calibration

We deal with repair and calibration services in a cost-effective and non-bureaucratic manner.

Worldwide network

Get local support around the world thanks to 24 offices and our worldwide Sales Partner network.

Engineering services

Benefit from our experts' knowledge for consulting, testing and diagnostics.

Knowledge at your fingertips

Training centers

Make use of the hands-on training possibilities in our well-equipped training centers all around the world and become familiar with both the asset and the product.

OMICRON Academy

Broaden your knowledge in customized on-site training, more than 300 training courses and free webinars. Benefit from expert trainers, high-quality training material and from exchanging experiences with other students.



Expert knowledge from standard committees

Get the latest information from standard committees by our experts.

User meetings, seminars and conferences

Exchange with peer users and industry experts and learn about the latest technological trends at OMICRON events worldwide.

Knowledge library

Receive free access to a huge user network (over 15,000 people) and thousands of interesting papers and application notes.

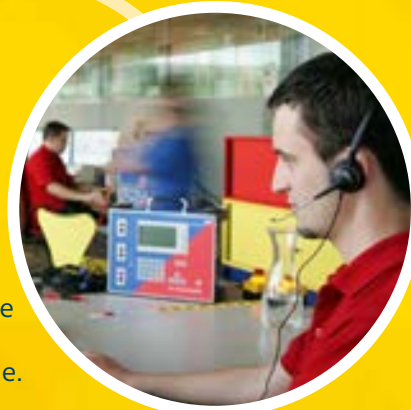
Support whenever you need it

Today we ...

... have more than
700 employees from
45 different nations.



... operate
24 offices
worldwide.



... are proud of
having customers in
over 160 countries.



... have transferred our
ownership into the OMICRON
trust, a legal entity, which
provides a stable basis for
the company's long-term
development.



... invest a fixed share of
our annual profit into social
projects dedicated to support
underprivileged children.



About us

Our vision

We innovate
with passion.

We create the best
place to work.

We change the
world for the better.

Where it all began

OMICRON was founded
in 1984 by Rainer Aberer
who had a special vision for
his company.

Unfortunately, we lost
Rainer in a tragic accident
in 2009, but his philosophy
still inspires our company
culture: we believe in a work
setting that entrusts each
member of our team with
a lot of responsibility. The
diverse backgrounds, natio-
nalities and experiences of
our colleagues are seen as
a fertile ground on which
ideas can flourish.

Our working practices en-
courage team-work and
open communication among
colleagues and with our
customers. An atmosphere of
mutual co-operation encour-
ages people to share their
ideas, thoughts and opinions.
We feel inspired by being
able to find new answers that
address our customer's unique
challenges and requirements.

In this way, we have been able
to create an exciting and moti-
vational environment in which
we develop our innovative
products and services.

*»Create an environment with no
artificial limits where a team of
excellent members can reach
an excellent performance and
enjoy working (having fun)
together at the same time. This
team should get its recognition
for **providing the best solu-
tions to the customers.**«*

Rainer Aberer, founder of OMICRON

OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis and training make the product range complete.

Customers in more than 160 countries rely on the company's ability to supply leading-edge technology of excellent quality. Service centers on all continents provide a broad base of knowledge and extraordinary customer support. All of this together with our strong network of sales partners is what has made our company a market leader in the electrical power industry.

