MIKRON

THE AUTOMATION SOLUTION



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MIKRON

FOUNDED IN 1908, MIKRON IS TODAY A WORLD LEADER IN HIGH-PERFORMANCE AUTOMATED ASSEMBLY.

RELIABLE AND INNOVATIVE, OUR SOLUTIONS ARE BASED ON PROVEN PLATFORMS AND ARE ADAPTED TO THE SPECIFIC NEEDS OF YOUR COMPANY.

YOUR SATISFACTION IS OUR GOAL

Mikron works in partnership with its customers to design the most effective automation solution for each project. To create tailor-made solutions for the product you want to assemble, we listen… and combine your experience with our own.

UNIQUE EXPERIENCE ACROSS MULTIPLE SECTORS



Pharma / Medical
from insulin pens to asthma inhalers



Automotive
from gas generators for airbags to fuel injectors



Electric / Electronic
from circuit breakers to mobile phone speakers



Consumer goods
from cosmetic pumps to ski bindings



Industrial / Building
from pneumatic quick connectors to sprinklers



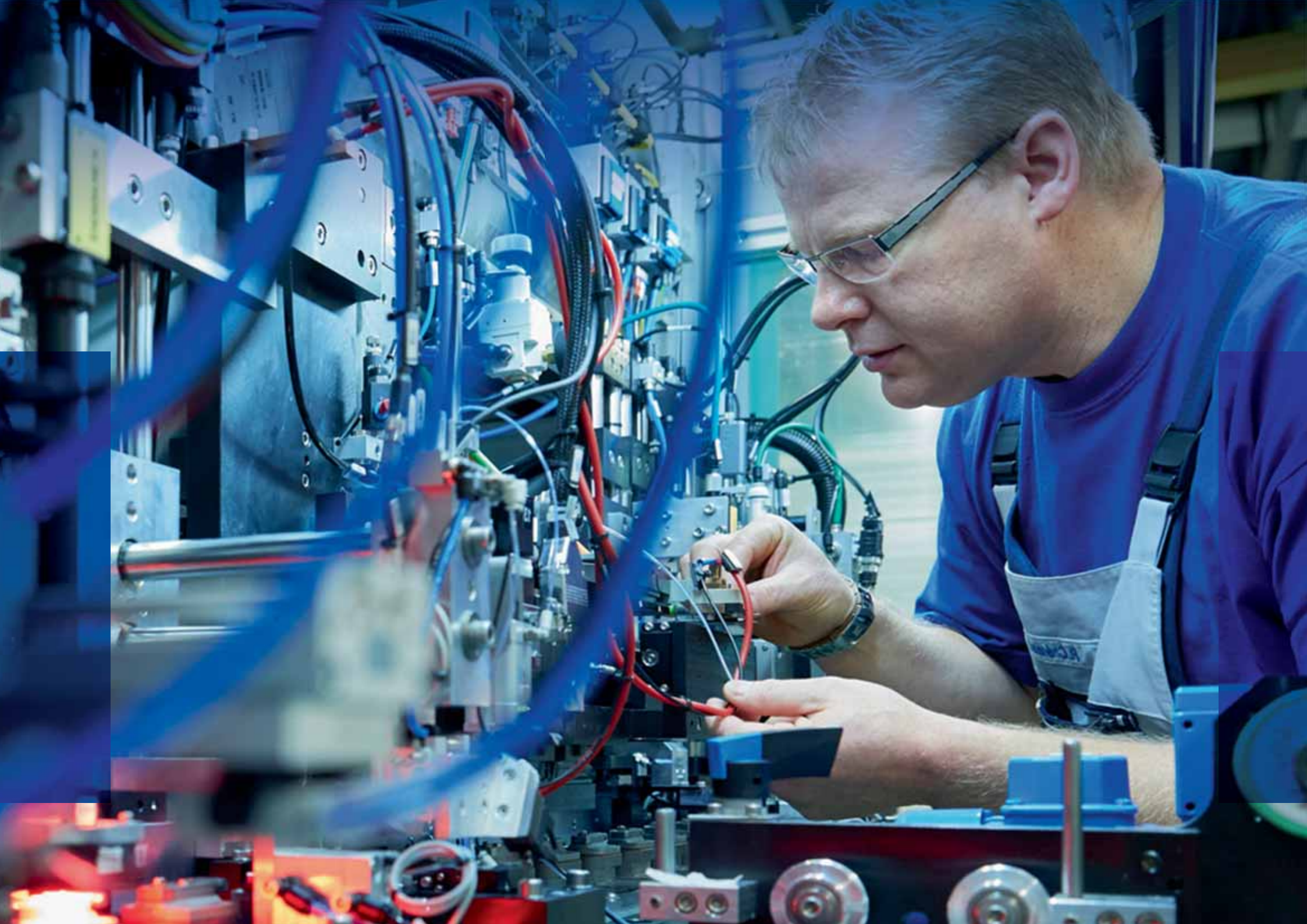
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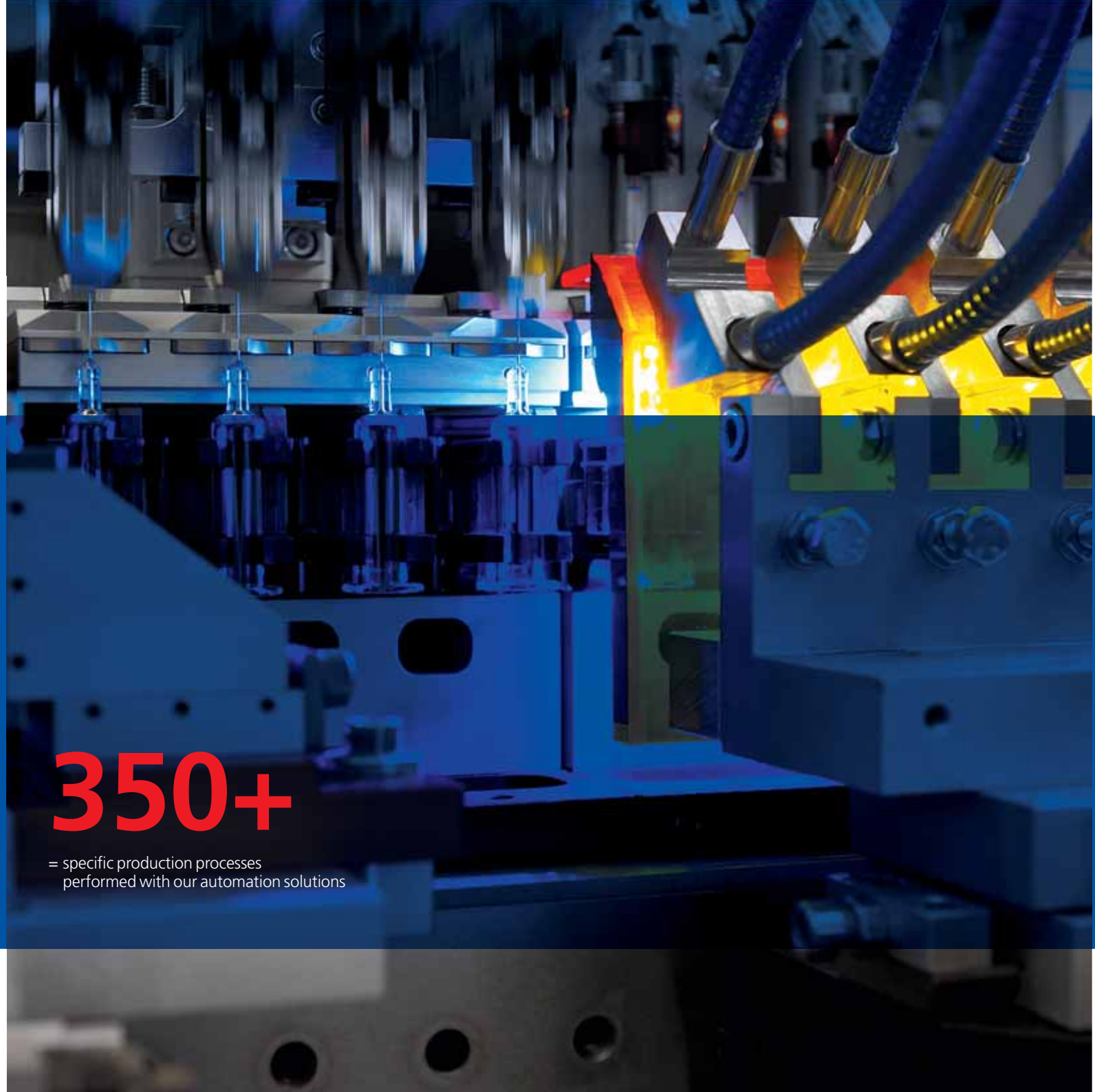
= parts assembled on Mikron solutions each day worldwide



550+

= dedicated employees
design, build and support
your production solution





350+

= specific production processes
performed with our automation solutions

SOLUTIONS DESIGNED FOR YOU

To date, close to 3000 Mikron assembly solutions have been successfully installed across the world and are running around the clock.

Mikron-designed automation solutions are developed specifically for you. Their modularity, precision and process flexibility help you to realise your project quickly and efficiently. A flexible solution, that can change to suit your production needs within an ever changing market place.

OUR EXPERTISE – WORKING FOR YOU

Mikron's strengths

– Highly modular, standardised platforms which provide a solid, tried and tested foundation.

– More than 40 years of experience in integrating complex production processes.

– Optimised project management which, combined with our other benefits, ensures the quickest turnaround time.

– With 5 design and manufacturing centers around the world, Mikron expertise and support is where you need it.

PROVEN PRODUCTION AND TEST PROCESSES

Feeding
Bowl Centrifugal feeding
Flexible feeding
Tray handling
Escapement

Handling
Glass handling
Needle handling and inserting
Tube handling

Testing and Controlling
Functionality tests
Flow and leak tests
Multiple torque tests
Needle tip, angle, length vision check
Occlusion check
Pull check
Quality tests
Vision tests
X-ray checks

Dosing and Curing
Gluing
Greasing
Liquid dosing
Powder dosing
UV curing
Thermal curing

Welding
Laser welding
Ultrasonic welding
Resistance welding

Marking and Printing
Hot-Foil marking
Inkjet printing
Labelling
Laser marking
Pad printing

Data management
Data capture
Line management
Statistics
Traceability

Forming and Stamping
Clinching
Forming
Riveting
Hard and soft material stamping

Other specific processes
Coil winding
Magnetization
Photovoltaic related processes

EVERY DAY 150,000,000 COMPONENTS ARE ...





















... ASSEMBLED ON MIKRON SOLUTIONS



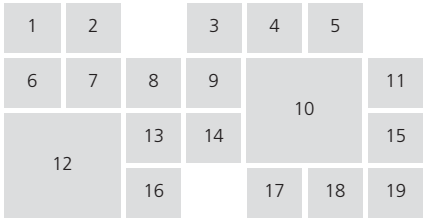


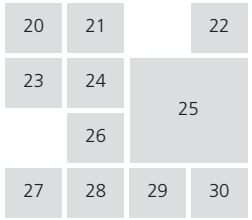












Pharma / Medical
- **3.** Stopcock
- **6.** Glass syringe
- **12.** Inhaler for asthma
- **13.** Auto-injector
- **15.** Plastic syringe
- **17.** Closer for ISO vials
- **20.** Shielded winged IV needle (Butterfly needle)
- **24.** Diagnostic kit
- **25.** Pen injector
- **26.** Dose counter for inhaler
- **28.** Lancet

Automotive
- **2.** Airbag gas generator
- **4.** Rocker
- **9.** Seat belt buckle
- **10.** Gasoline injector
- **16.** DC motor
- **23.** Ignitor for airbag gas generator
- **27.** Synchronizing ring for gearbox

Electrical / Electronic
- **1.** Electrical switch
- **14.** Loudspeaker for mobile phone
- **19.** Connector block
- **21.** Electrical socket
- **29.** Circuit breaker

Consumer goods
- **5.** Cosmetic dispenser
- **7.** One-way pressure-relief valve
- **11.** Carburetor for outdoor power equipment gas engines
- **18.** Quick pneumatic fitting
- **30.** Fluid Tap

Industrial / Building
- **8.** Gas valve for cooking plate
- **22.** Sprinkler

PARTS AND PARTNERSHIP

After installation, our customized training and production assistance introduces your people to the feel and function of the new system, increasing productivity by reducing the learning curve.

Our support continues with remote maintenance tools, a service hot-line, and the expertise of our technicians – who arrive at your site to personally provide support throughout the entire service life of your assembly solution.

CONTINUOUS IMPROVEMENT

Need to make changes to your parts ? Thanks to the flexibility of Mikron solutions, and the experience of our engineers, your line can be improved and adapted throughout its service life.



WE ARE COMMITTED TO ENSURING THAT THE FINAL RESULT MEETS YOUR EXPECTATIONS.



GROWN FROM THE SAME ROOTS
AS THE SWISS WATCH-MAKING INDUSTRY,
MIKRON SHARES THIS SAME PASSION
FOR PRECISION, RELIABILITY AND PERFECTION.
AS YOU READ THESE WORDS, CLOSE TO
3000 MIKRON SOLUTIONS AROUND THE WORLD
ARE RUNNING – LIKE SWISS WATCHES.

THESE CUSTOMERS TRUST MIKRON

Renowned companies around the world place their trust in Mikron
– for precision, performance and success.









ABB
AEG
Aerogen Ltd
Albrecht Jung
Alere
Aptar Group
B. Braun Medical
Bausch&Lomb
Bespak
Boehringer Ingelheim
Briggs & Stratton
Chiesi Farmaceutici
Cilag
Connectwell
Continental
Dayco
Eli Lilly and Company
Federal Mogul
GE Power Controls
Gerresheimer
Gira
GlaxoSmithKline
Hager Electro
Huber+Suhner
ITW Ark-Les
Johnson Controls
Knowles
Legrand
MeadWestvaco
Metal Work
Schlaeger Kunststofftechnik
Nemera
Novo Nordisk
Nypro
Osram
Owen Mumford
Pierburg
Pfizer
Philips
Phillips-Medisize
Renault
Robert Bosch
Rockwell Automation
Röhm
Sabaf
SAIA-Burgess
Solarnova
Sanofi
Schneider Electric
Schott
Siemens
Teva Pharmaceuticals Industries
Trodat
TRW
Tyco Fire Products
Unilever
Unilife
Worldwide Dispenser
Ypsomed
ZF

FOR YOUR AUTOMATION SOLUTIONS CHOOSE MIKRON

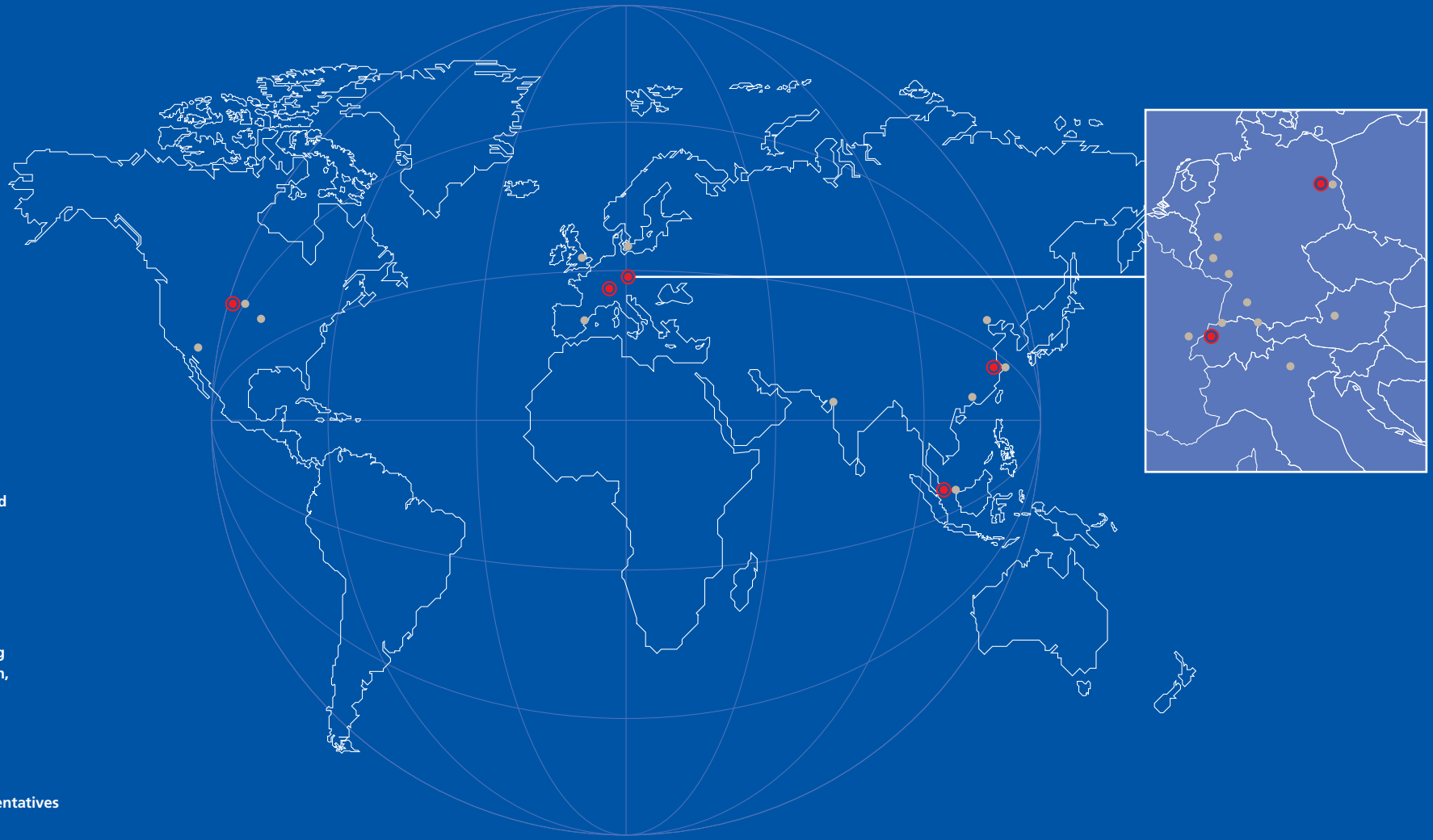
Mikron SA Boudry
Route du Vignoble 17
2017 Boudry
Swizerland
Tel. +41 32 843 18 88
mbo@mikron.com

Mikron Berlin GmbH
Landsberger Strasse 252
12623 Berlin
Germany
Tel. +49 30 9830 7211
mab@mikron.com

Mikron Corp. Denver
8100 S Potomac St.
Englewood CO 80112
USA
Phone +1 303 364 5222
mde@mikron.com

Mikron Singapore Pte Ltd
No 3 Loyang Way 1
Singapore 508705
Tel. +65 6299 1589
msi@mikron.com

Mikron Shanghai Ltd
No 358, 3rd Factory Dong
Ye Road, Dong Jing Town,
Song Jiang District,
Shanghai China 201619
Tel. +86 21 6767 9681
msh@mikron.com



Sales and service representatives

WWW.MIKRON.COM

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