



THE AUTOMATION SOLUTION





FOUNDED IN 1908, MIKRON IS YOUR PARTNER FOR SCALABLE AND CUSTOMIZED ASSEMBLY SYSTEMS – FROM THE FIRST IDEA TO THE HIGHEST PERFORMANCE SOLUTIONS.

WE DESIGN AND CREATE EFFECTIVE AUTOMATION SOLUTIONS FOR THE PRODUCTS YOU WANT TO ASSEMBLE.

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



Electrical / Industrial
from circuit breakers to quick
connectors



Consumer goods
from cosmetic pumps to ski
bindings

A close-up photograph of a complex industrial machine, likely a robotic assembly line. The machine features various components, including metal plates, wires, and mechanical arms. The lighting is a mix of bright red and deep blue, creating a high-contrast, futuristic aesthetic. In the foreground, several cylindrical metal parts are visible, arranged in a row. The background shows more intricate machinery and components, all bathed in the same red and blue light.

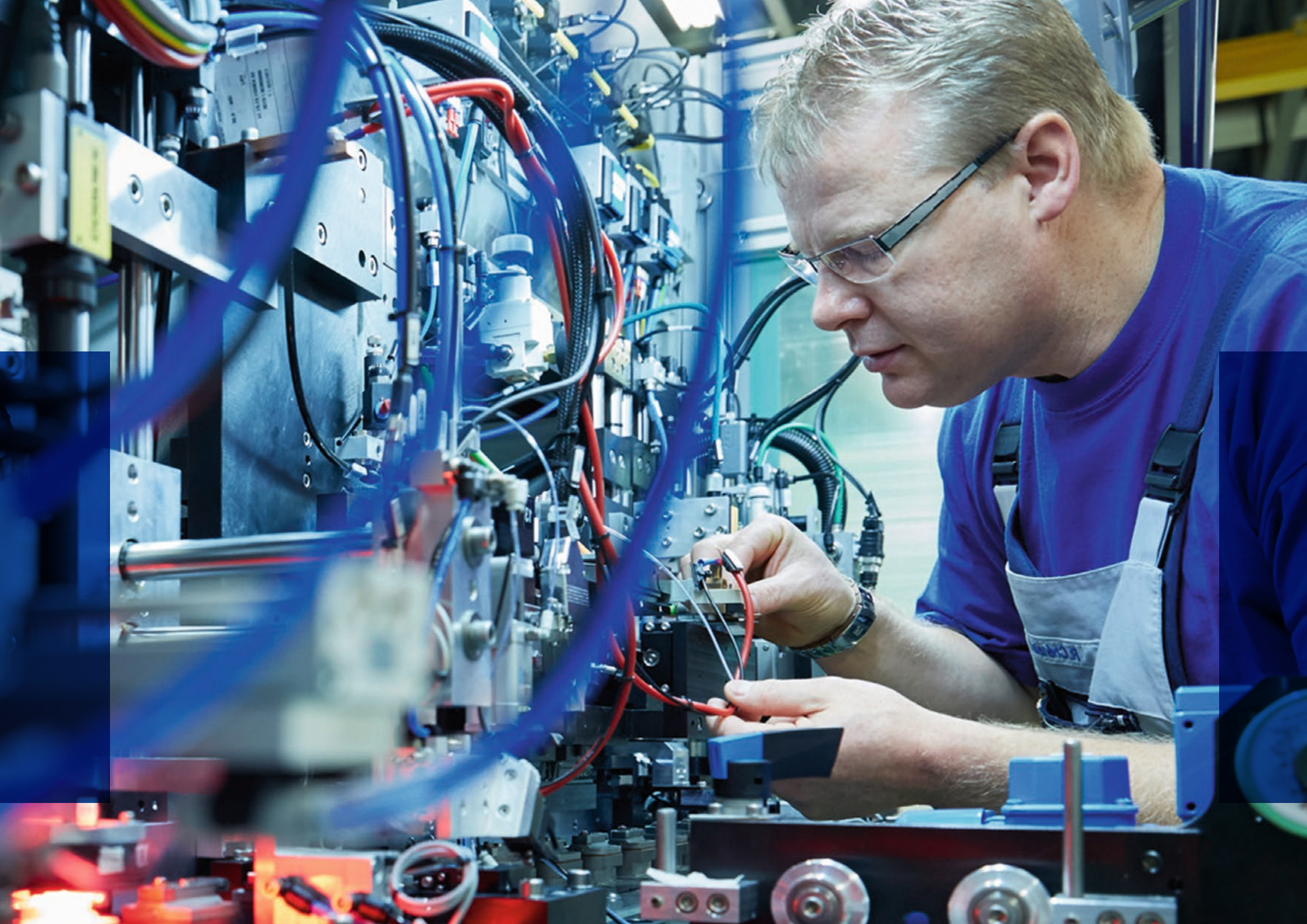
170,000,000

= parts assembled on Mikron solutions
each day worldwide

The background of the slide is a blurred image of industrial machinery, likely a CNC machine, with various metal components and a bright light source visible. A solid blue vertical bar is positioned on the left side of the slide, partially overlapping the text area.

800+

= dedicated employees
design, build and support
your production solution



A close-up photograph of a complex industrial machine, likely a robotic welding or assembly system. The machine features several vertical blue cables and a central yellow component. The background is dark, and the lighting is dramatic, with blue and yellow hues. The machine is composed of various metal parts, including bolts and structural frames.

450+

= specific production processes
performed with our automation solutions

SOLUTIONS DESIGNED FOR YOU

To date, close to 4000 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 170,000,000 COMPONENTS ARE ...



... ASSEMBLED ON MIKRON SOLUTIONS



1	2		3	4	5		20	21		22
6	7	8	9	10		11	23	24	25	
12		13	14	15				26	27	
		16		17	18	19	27	28	29	30

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.

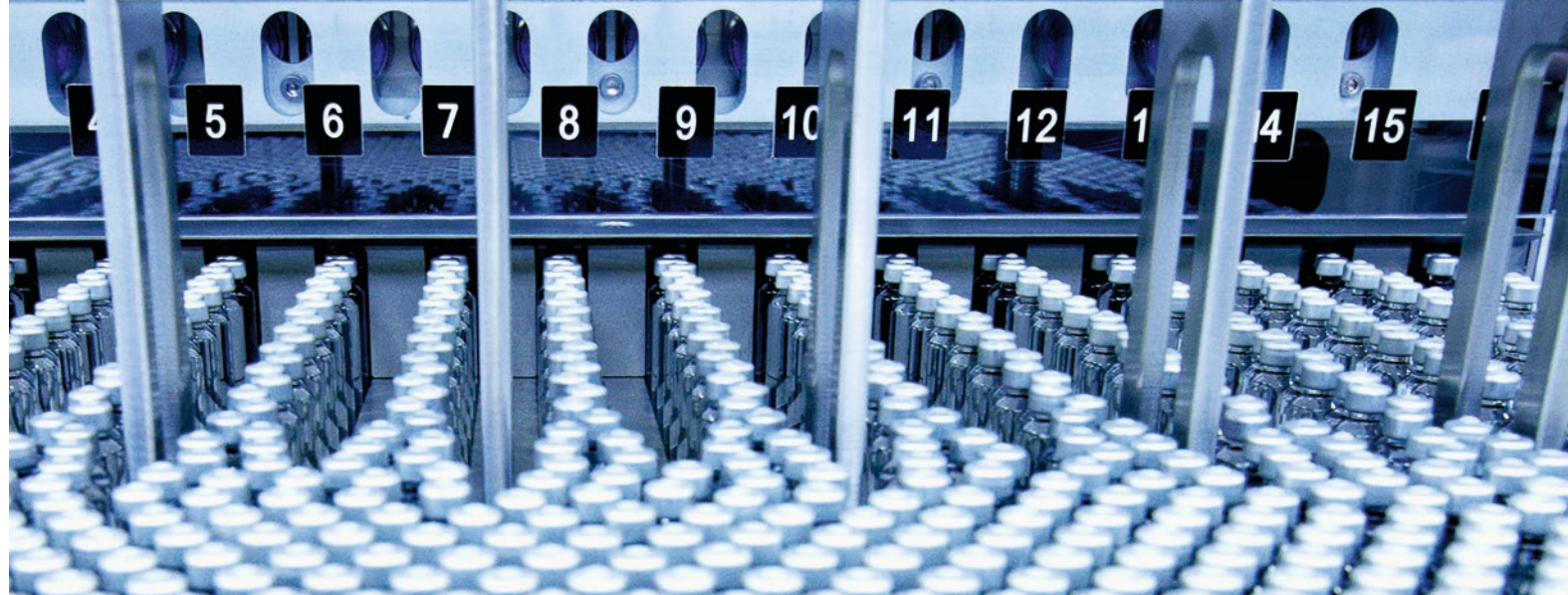
Our support continues with remote maintenance tools, a service hot-line, and the expertise of our technicians – who arrive at your site to personally provide support throughout the entire service life of your assembly solution.

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.

A photograph of two men in a technical environment. On the left, a younger man in a blue t-shirt with 'MIKRON' on the back is seen from behind. On the right, an older man with glasses and a white shirt is smiling and working on a complex piece of machinery with many yellow and blue cables. A large blue semi-transparent rectangle is overlaid on the left side of the image, containing white text.

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



MIKRON'S EXPERTISE AND PROVEN TRACK RECORD
GUARANTEE THE BEST PRODUCTIVITY TO ASSEMBLE
CUSTOMER'S PRODUCTS FOR THE FULL LIFE CYCLE.



THESE CUSTOMERS TRUST MIKRON

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



ABB
AEG
Aerogen Ltd
Aptar Group
Ark-Les
B. Braun Medical
Bausch&Lomb
Biocartis
Biocon
Bespak

Boehringer Ingelheim
Boston Scientific
Briggs & Stratton
Chiesi Farmaceutici
Cilag J&J
Continental
Dayco
Eli Lilly and Company
Flex
Gan & Lee

Gerresheimer
Gira
GlaxoSmithKline
Guala Closure
Hager Electro
Jabil
Johnson Electric
Legrand
Metal Work
Schlaeger Kunststofftechnik

Nemera
Novelex
Novo Nordisk
Nypro
Molex
Owen Mumford
Pfizer
Philips
Phillips-Medisize
Renault

Robert Bosch
Rockwell Automation
Sabaf
Sanmina
Sanofi
Schneider Electric
Schott
Siemens
Silgen Dispensing systems
Sonceboz

Sun Pharma
Teva Pharmaceuticals Industries
Trodar
Tyco Fire Products
UCB
Unilever
West Pharmaceutical
Worldwide Dispenser
Ypsomed
ZF TRW

**FOR YOUR AUTOMATION SOLUTIONS
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