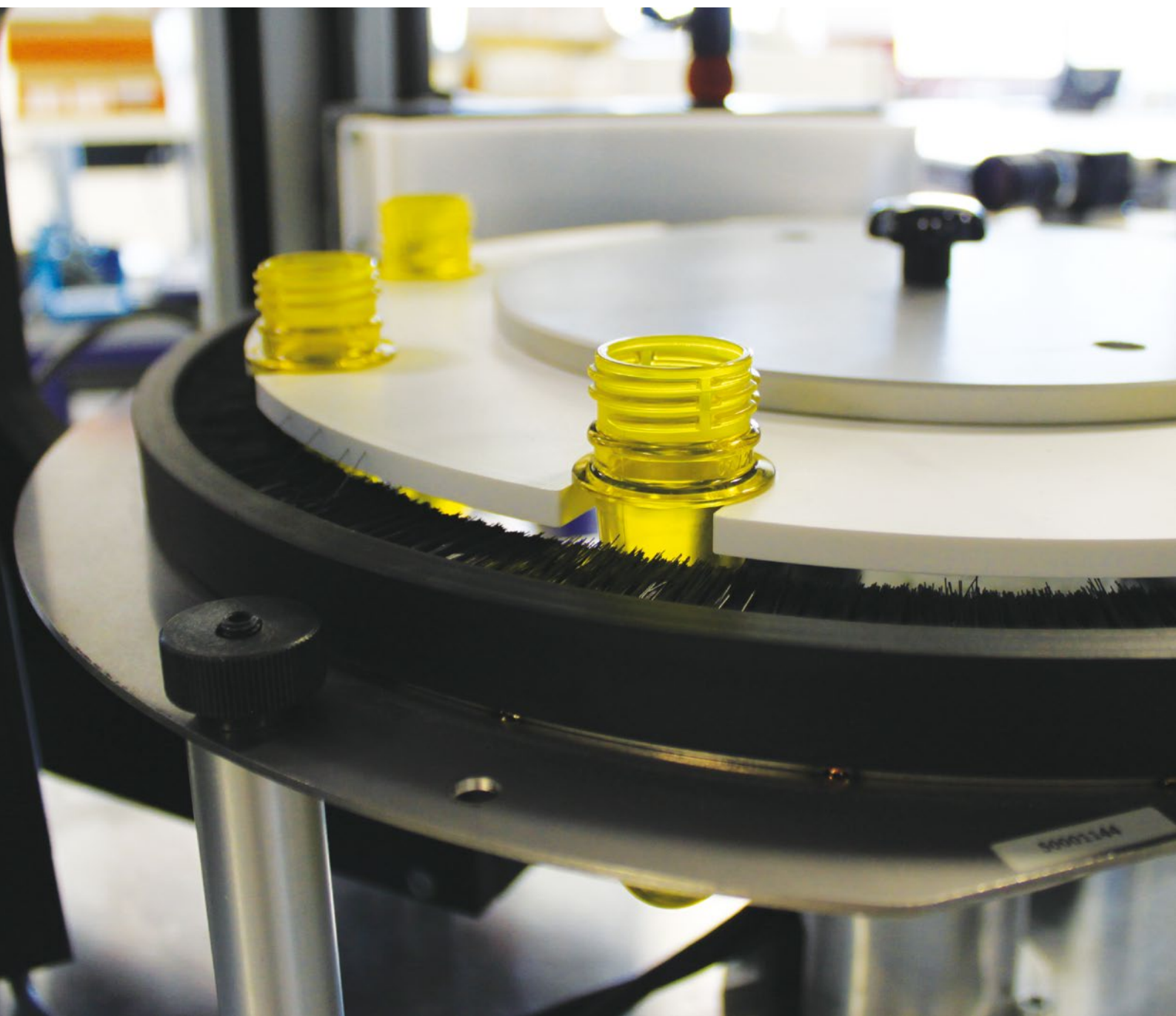




Vision Inspection **Systems**

\ Increasing Productivity and Improving Quality
for the Plastic Packaging Industry





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Focused on Plastic Packaging

It's difficult to imagine modern production facilities without vision inspection systems for quality assurance.

Industry leaders that offer premium products rely on image processing systems which fulfill their challenging tasks, thereby ensuring a 100% quality-control of their products.

INTRAVIS specializes in turn-key vision inspection systems optimally suited for each production process, operating condition and individual requirement.

From vision systems to complete down-stream solutions, our team has the knowledge to efficiently manage even the most demanding projects.

Extensive hands-on experience within the plastic packaging industry has awarded us the reputation for the highest quality vision systems on the market today and is reflected by our reliability.



Highest Quality for your Product

Vision Inspection Systems for the Plastic Packaging Industry

Image processing systems for the plastic packaging industry are an efficient and powerful tool when they meet customer requirements and inspection criteria.

Since 1993, INTRAVIS offers high-quality vision inspection systems for the plastic packaging industry. As a market leader of turn-key solutions, we specialize in cutting-edge technology and downstream equipment for the inspection of bottles, closures, preforms and decorations.

Our headquarters, in the technology-rich region of Aachen, Germany, develops vision inspection systems for customers worldwide. Subsidiaries as well as sales and service offices in the USA, China, India, Russia, and Mexico increase our international presence and allow us to stay closely in-touch with our customers.



INTRAVIS

Vision Inspection Systems

Barrier Material

BarrierWatcher

Bottles/ Containers

PETWatcher®

SpotWatcher®

Closures

CapWatcher® III

CapWatcher® /SC

Decoration

IMLWatcher

LabelWatcher®

PrintWatcher®

IntraWatcher®
PVLC

Preforms

PreWatcher® III

Sample-
PreWatcher®

Our Technology

INTRAVIS is a reliable partner when it comes to the inspection of preforms, bottles, closures and decorations in the plastic packaging industry.

Our standard systems include: the IMLWatcher, LabelWatcher®, IntraWatcher® PVLC and PrintWatcher® for the inspection of decoration, the BarrierWatcher® for the inspection of barrier material, the PETWatcher® and SpotWatcher® for the inspection of containers and bottles, the Sample-PreWatcher® and PreWatcher® III for the inspection of preforms, as well as the CapWatcher® III and CapWatcher® /SC for the inspection of closures.

INTRAVIS systems ensure the quality control of various plastic packagings, offering a variety of turn-key solutions specifically designed to serve the customers' needs.

From the very early stages of production to the finished product, INTRAVIS vision inspection systems reliably ensure the quality control of your products while minimizing costs, increasing productivity and reducing scrap.

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Essential for the Modern Manufacturing Industry

INTRAVIS systems highly increase your productivity: The entire production process is optimized, thus reducing the use of your resources to a minimum.

The secret of INTRAVIS systems lies in the uncompromising use of high-quality hardware and intelligent software.

High-resolution color cameras, precise microspectrometers or an additional inspection station with special illuminations provide you with more raw data and allow more accurate quality decisions. False alarms are a thing of the past.

INTRAVIS systems provide:

- \\ More efficient production
- \\ Earlier defect detection
- \\ Lower scrap rate
- \\ Improved resource management
- \\ Less time consumption
- \\ Increased quality
- \\ Faster decision support



Our Philosophy: Partnership and Service

As an owner-operated company, INTRAVIS highly values customer oriented service and personal partnership. We believe the best results can only be achieved together!

Competent consultation, efficient requirement analysis and an economical cost-benefit calculation are the basis for our customized turn-key systems.

INTRAVIS is not only focused on excellent quality and leading technology but also on economic sustainability. We know the need for a highly qualified workforce to face tomorrow's challenges.

INTRAVIS will achieve long term growth through continuous improvement, cutting-edge technology and complete customer satisfaction.

For all developments, INTRAVIS will work

closely with your team to provide you with a solution suited to your requirements. Accepting our customers' challenges, taking their needs into account and always putting them first, ensures a strong relationship.

„Only those who recognize and exceed customer's needs, when developing high-tech systems, can meet the production requirements of global players“.

(Gerd Fuhrmann, President)



The INTRA\VIS Advantage

Our vision systems analyze and evaluate surface properties, geometric attributes and material characteristics with the highest level of precision, regardless of the application. Every INTRA\VIS vision system comes with the following advantages:

- Automated adjustment of the most important system settings; set and forget
- Essential information is displayed on a flat touch-screen with easy-to-understand icons
- Various user levels protect parameter settings from unwanted changes
- Consistent inspection, regardless of the number of individual inspections running
- Capable of network integration and remote access
- Precise and stable mechanics prove their worth: maximum protection against external light, moisture and contaminants
- Modular configuration allows you to select only the modules required
- Additional modules can be easily added to existing systems
- Detailed statistics provide excellent quality management
- In-house engineers design every aspect of your system, including mechanics and software
- Reliable service and fast consultation
- Complete solutions, including downstream equipment, as well as integration into existing lines
- Cost reduction and resource saving through minimizing scrap and downtime by using advanced image processing and high-quality hardware
- Highly efficient and therefore more cost effective
- The self-explaining user interface enables even inexperienced operators to quickly adapt the system to new products or to adjust tolerances
- All product settings and parameters are stored in a database for fast changeovers





Our Team

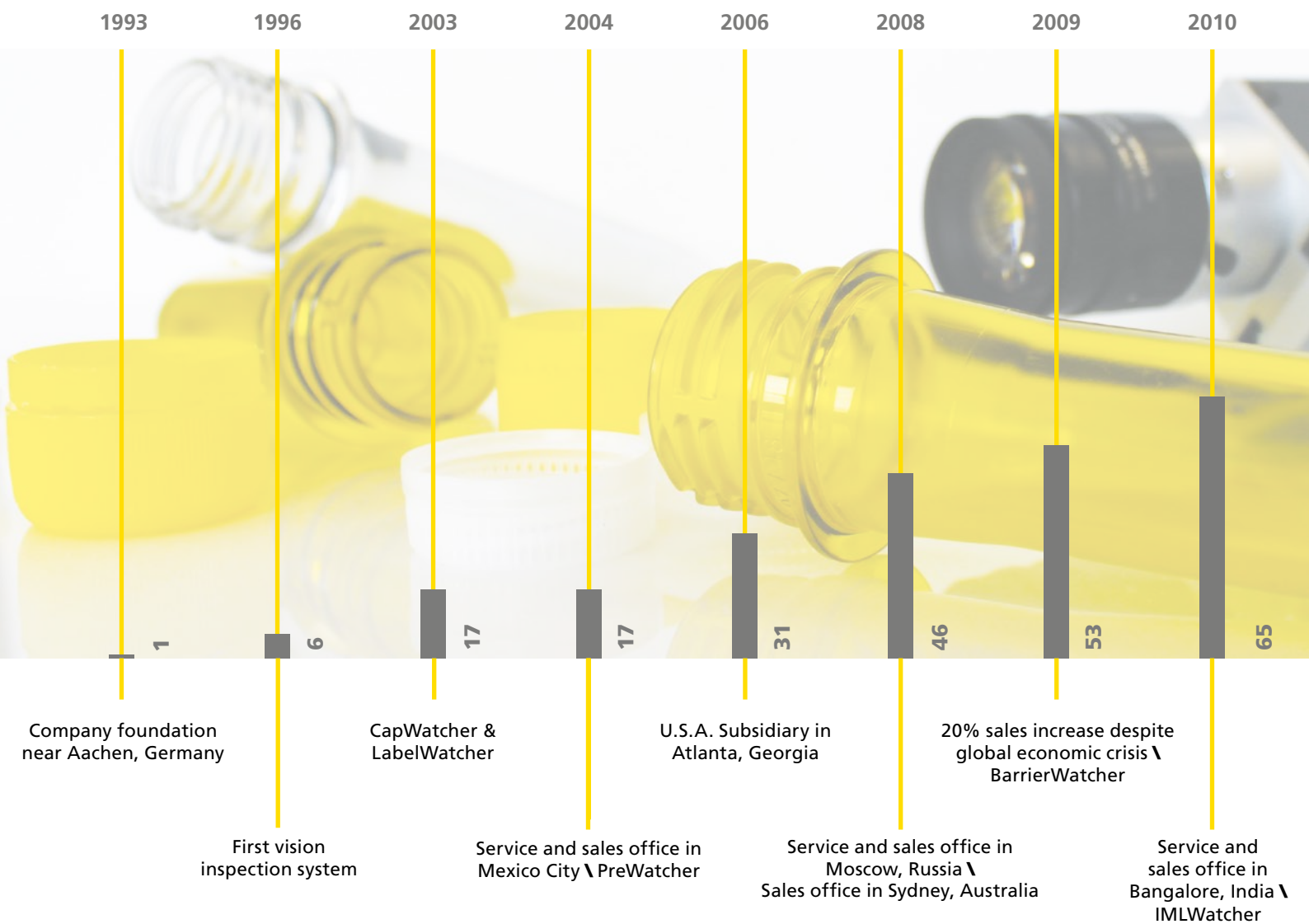
Customer satisfaction and high-quality products make INTRAVIS a strong partner in the plastic packaging industry. At INTRAVIS we strive for increased productivity and competitiveness but never lose sight of our key success factor: our team.

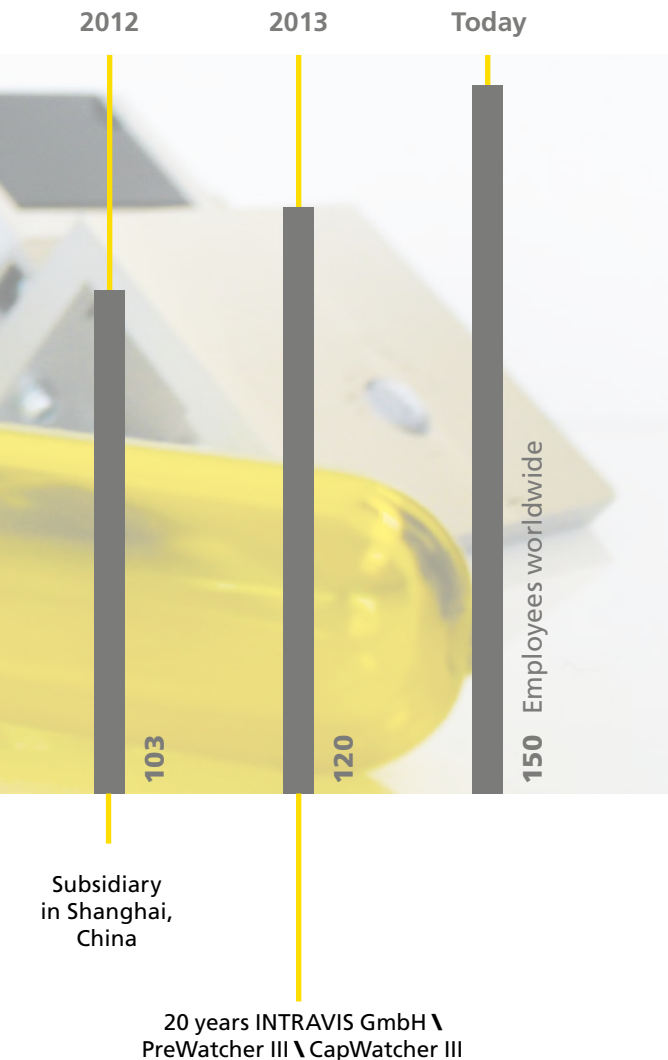
Our employees – engineers, designers, technicians, businessmen/businesswomen and trainees – always give us the incentive to go further.

Through systematic information exchange and continuous contact with scientific institutes, researchers and experts, INTRAVIS maintains state-of-the-art technology.

Our processes meet the highest material, design and installation standards, as proven by our ISO 9001:2008 certification.

We believe the basis of our success is our team: Enthusiastic, highly skilled employees with innovative ideas and a passion for cutting-edge technology. They are the real drivers for our progress.



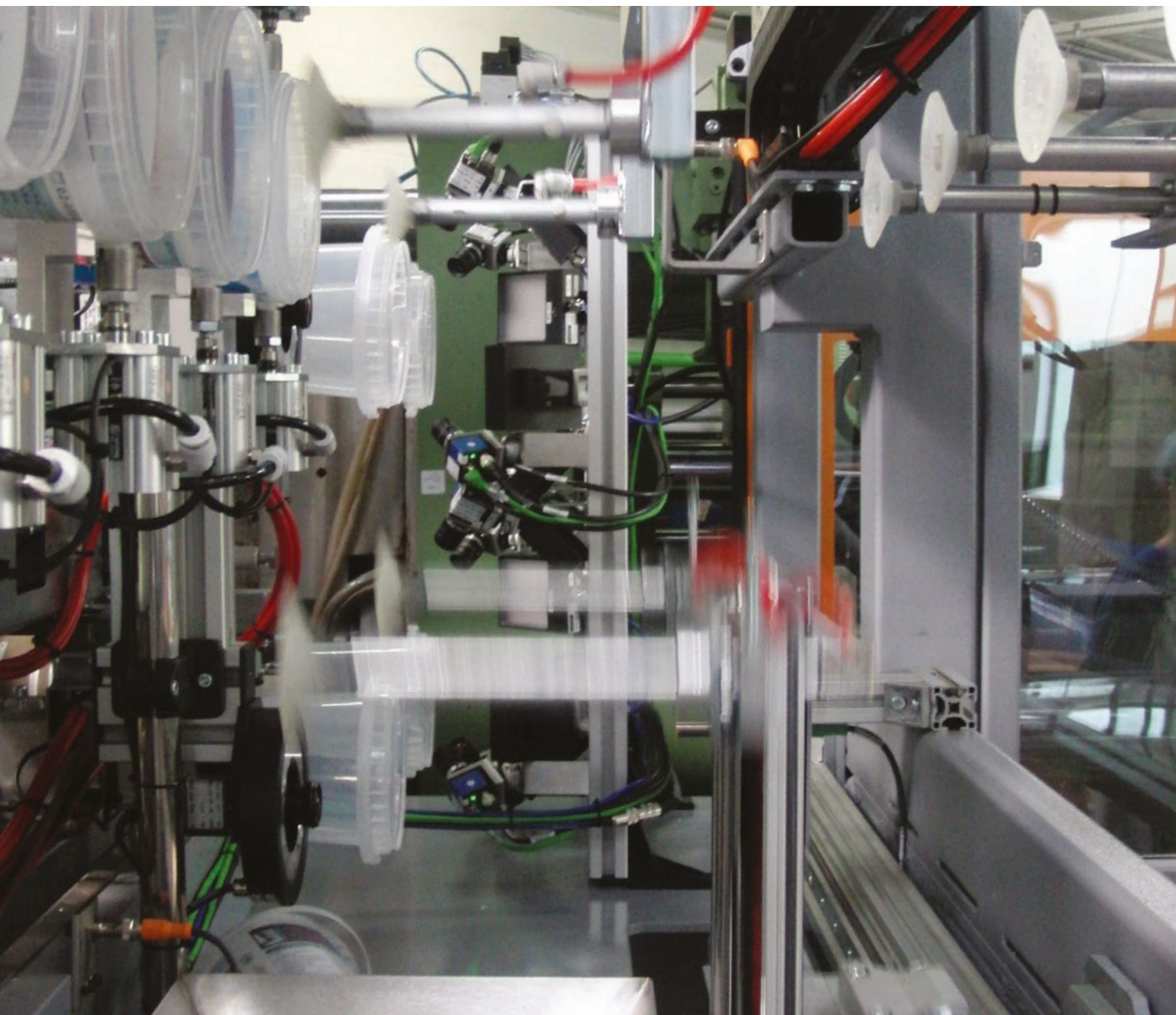


History

Since the foundation nearly 20 years ago, INTRAVIS has successfully established its position in the international market as an engineering company, by offering customers a broad variety of products and world-class service.

The increasing number of employees confirms our positive growth and expansion. From Aachen to Shanghai and everywhere in between, we employ highly qualified professionals worldwide.

Our subsidiaries in Shanghai, China, and Atlanta, USA, as well as our sales and service offices in Russia, India and Mexico offer our customers worldwide service.



Our Service

Worldwide presence guarantees fast and reliable service

At INTRA\VIS we always consider our customers as partners. Therefore, our service does not end when the system is commissioned. INTRA\VIS remains your reliable partner for any questions or issues you may have. We stay closely in touch with you, our customers, allowing us to react quickly to your requests.

Benefit from our comprehensive service!

\ INTRA\VIS – Give us a Call

Do you have a question? Telephone consultation is available to you free of charge during business hours.

\ INTRA\VIS – 24/7

If required, we are also available 24 hours a day, 7 days a week via our service hotline. In urgent cases, INTRA\VIS Service Engineers will be at your facility within 24 hours.

\ INTRA\VIS – We provide Know-how

After installation, our service department provides professional training for your employees, giving them the necessary know-how to properly operate your INTRA\VIS vision system.

\ INTRA\VIS – Service Contracts

Our service department provides you with customized service contracts designed to fulfil your needs.

\ INTRA\VIS – Online

We always provide you with the latest information online. Visit us at www.intravis.com

\ INTRA\VIS – Fast and On-time

Our well stocked spare part warehouse enables us to provide you with replacement parts within a short period of time. Additionally, all INTRA\VIS systems are equipped with remote service, if needed.



Worldwide Offices

\ INTRAVIS Inc., USA

303 Research Drive, Suite 200
Norcross, GA 30092
T: +1 770 662 5458
F: +1 770 263 0177
E: info-usa@intravis.com

\ INTRAVIS Co., Ltd, China

Room 501-7, Block 8
No.3000 Longdong Ave
Zhangjiang Hi-tech Park
Shanghai, P.R.China, 201203
T: +86 21 6895 8883
F: +86 21 6895 7895
E: info-china@intravis.com

\ INTRAVIS Russia

T: +7 915 2252558
E: info-russia@intravis.com

\ INTRAVIS India

T: +91 98860 333 00
E: info-india@intravis.com

\ INTRAVIS Mexico

T: +52 1 55 4143 0922
E: info-mexico@intravis.com

Turn-Key **Quality** Vision!



**WE SOLVE PROBLEMS.
BEFORE THEY OCCUR.**

INTRAVIS GmbH
Rotter Bruch 26a
52068 Aachen
Deutschland

Phone: +49 (241) 91 26-0
Fax: +49 (241) 91 26-100

E-Mail: info@intravis.de
Internet: www.intravis.de

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