



THE ORANGE

WWE

Fascination Automation



International

›I am very satisfied with ifm's support!‹

Benedikt Klump, B. Eng. Mechatronics,
Design Department,
GTA Maschinensysteme GmbH, Germany

›We need more suppliers like ifm.‹

Werner Gmür,
SIP Elektroanlagen GmbH,
Germany

›ifm's professional service and reliable quality mean strong confidence and support for us. Cooperation with such a global company can also promote our internationalization.◀

Tan Shili, President of Shanghai Kelai Mechatronics Engineering Co., Ltd., China

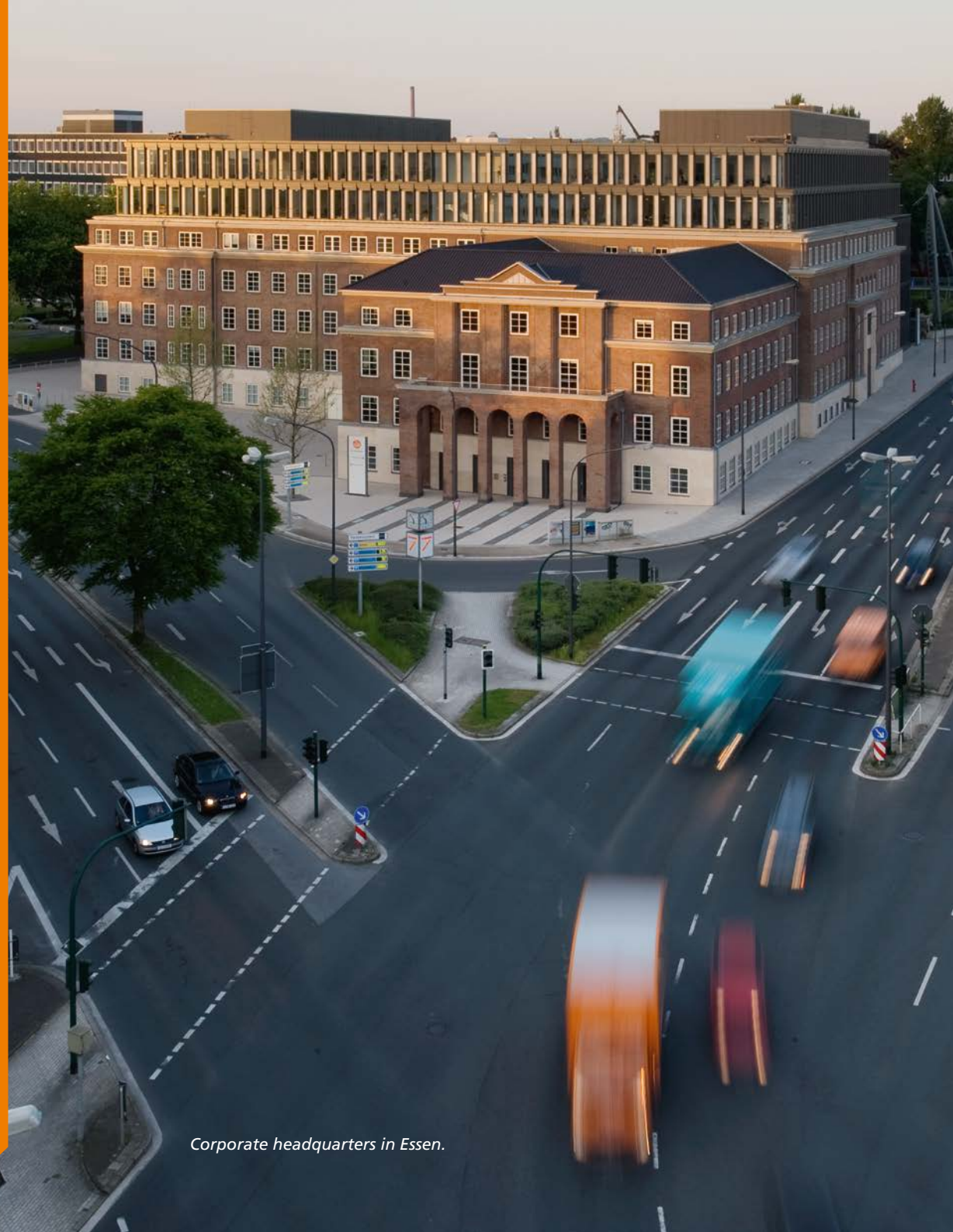
› We were facing a big challenge only a few companies worldwide would have solved. ◀

*Michael Liu,
Pasco Systems, USA*



International

More than 161,000 buying customers worldwide speak for themselves, and, also for us! From Europe to North and South America as well as from Africa to Australia: The family-run ifm group of companies supports customers in more than 180 countries worldwide through independent sales companies or trade partners. We rely on an exceptionally large sales and service team of more than 1,780 employees to ensure that our customers get the best support and advice in each country. We optimise your production and give you valuable competitive advantages. You can for example buy our products in Germany for your production site in South America and benefit from ifm support on site. In Europe alone we are represented in 35 countries. Cooperate with us, one of the market leaders in automation technology. You'll be glad you did!



Corporate headquarters in Essen.



8,750 employees
worldwide



Consolidated turnover:
1.442 million euros



*International development and
production site in Singapore.*



*International development and
production site in Opole, Poland.*



ifm efector subsidiary USA, in Malvern PA.



International

"ifm – close to you!" This slogan is a promise. As regards "close to you", you can take us at our word. Directly on site, on the phone, by chat or via email. Personal advice with passion and application know-how comes first. You can reach our service centre Monday through Friday from 7:00 am to 6:00 pm at the toll-free number 0800 16 16 16 4. You will easily find detailed information about your product in ifm's webshop. You can check delivery times in real time, create your favourites, see prices and much more. One of the world's most modern and efficient logistic centres ensures all orders placed before 2 pm are shipped on the same day, so that our products will be delivered the next day.



Everything at a glance – your favourites



Check delivery times



*Go ifmonline!
Order 24/7:
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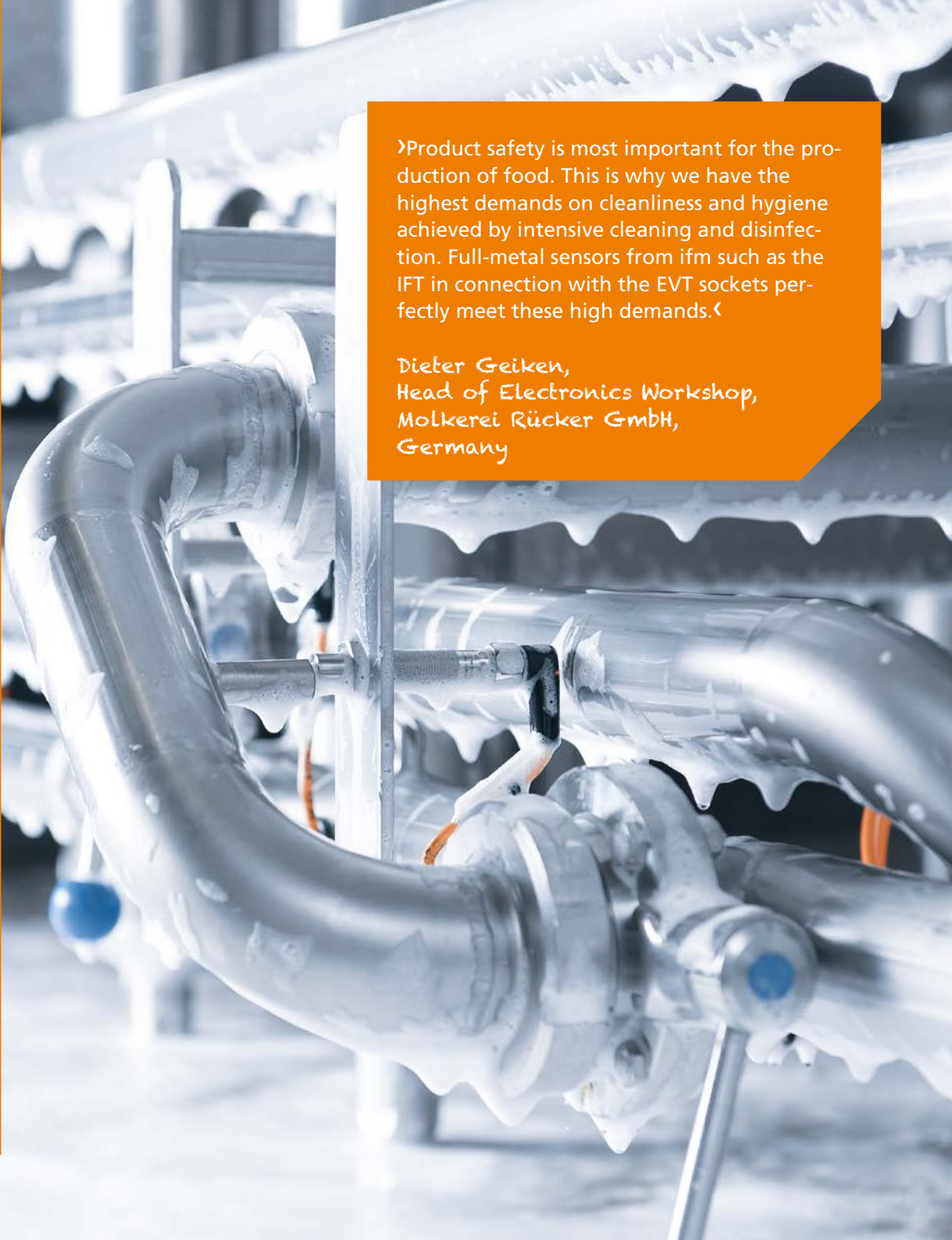
Competent technical advice



The central warehouse in Essen ensures that your order is promptly and suitably packed for transport so that the product reaches you in the quality it had when it passed our final tests.



Individual



›Product safety is most important for the production of food. This is why we have the highest demands on cleanliness and hygiene achieved by intensive cleaning and disinfection. Full-metal sensors from ifm such as the IFT in connection with the EVT sockets perfectly meet these high demands.<

Dieter Geiken,
Head of Electronics Workshop,
Molkerei Rucker GmbH,
Germany



›ifm delivers reliable products for all safety applications.‹

Benedikt Klump, B. Eng. Mecha-
tronics, Design Department, GTA
Maschinensysteme GmbH, Germany

›After just a few weeks we had first suc-
cesses when an imminent plant downtime was
detected by the vibration diagnostics on the
basis of a mechanical disturbance value. We
could make a repair in time thus preventing a
plant failure.‹

Gerhard Simon, Hassia
Mineralquellen GmbH & Co. KG,
Germany

›Moisture and wetness are
no problem for the O6, it
always works properly. For
the cables we only use the
ecolink sockets from ifm.
The price / performance
ratio is unbeatable com-
pared to competitors.‹

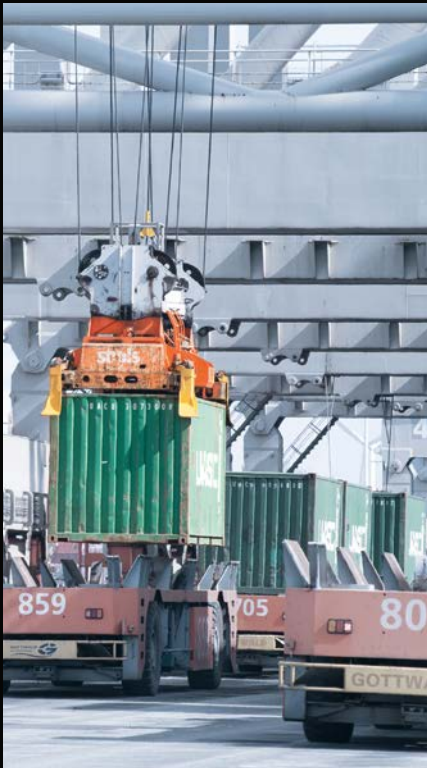
Jens Hoffmann,
Managing Director,
BOOS-Reinigungs-
anlagenbau GmbH,
Germany



Individual

Under harsh conditions in steel processing or in sensitive industries such as the food industry, even under permanently changing weather conditions such as in wind turbines at sea or in mobile machines: ifm's competence is high in every industry, which contributes considerably to your company's success. For almost 50 years, our company's success has been based, among others, on early identification of specific industry requirements and on offering perfectly suited and reliable solutions via global key industries specialists. Since ifm's foundation, outstanding application know-how for each industry has developed, giving you decisive support for efficient automation.





Cleaning process or potentially explosive atmosphere, weld spatter, vibration, oil, dust or moisture – ifm products function reliably in all operating conditions.

Innovation

› Thanks to our 15-year cooperation with ifm we, from ACTEMIUM Concarneau, could implement more than 61 gateways in a wastewater treatment system with our know-how of AS-i networks and AS-i SAFE for food applications. ifm's international technical support allowed us to operate in numerous industries and countries. ‹

Eric BIHOUES, responsible for automation, industrial computing and robotics, ACTEMIUM Concarneau, VINCI EnergiesGroupe, France

›ifm is a German company having a long history and product quality. We are very glad to communicate with their specialized technical sales team. They always provide us with fast and specialized support to overcome many tricky problems for us.‹

Zhang Qin, Director of Pretreatment Equipment Department, Bright Dairy, China

›Since 1994 ifm has been a reliable supplier. We needed an experienced partner with a vast product portfolio covering state-of-the-art sensors and detection systems to meet our technical regulations and quality requirements.‹

*Gianluca Stella,
Ramaplast S.p.A., Italy*

Innovation

"High product quality and accurate technical data are unimpeachable values of ifm." This principle from ifm's corporate philosophy is lived by all employees with passion. Around the world all factories have uniform quality standards and safety processes – More than 2/3 of all sensors and systems are manufactured at ifm's company locations in the Lake Constance region. Further development and production sites are located in the USA, Singapore, Poland, Romania and India. All our locations are committed to quality management according to ISO 9001. This allows us to offer a 5-year warranty for all our high-quality and long-life catalogue products. Demanding customers from all over the world appreciate it.



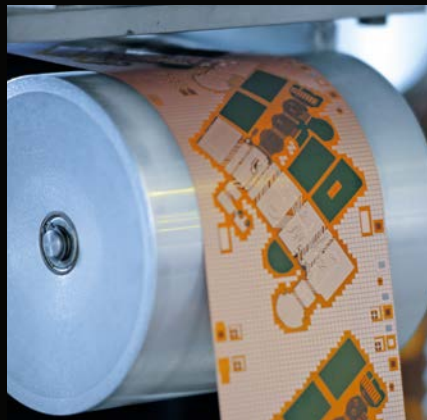
Production site Tettwang close to Lake Constance.



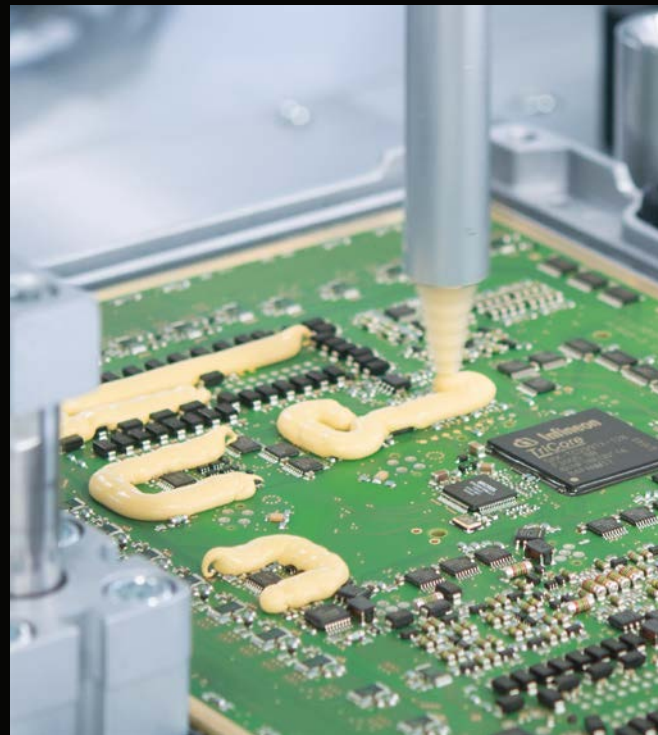
*ifm's own
environmental
management
system*



A high degree of automation and comprehensive quality controls guarantee continuously high product quality.



Complex circuitry in very restricted space: Back in 1980, ifm started to use the innovative film technology which has been continuously developing since then.



Ingress-resistant under extreme conditions: test for the IP 69K protection rating.

Innovation

Exact position detection, quick and perfect condition detection. Optimum mastering of standard or safety-related applications and efficient implementation of complicated production and control processes. For all your requirements we have the suitable products and solutions – for your automation demands of tomorrow. Talking about security: The ifm Safety Service supports plant operators and plant manufacturers in all questions concerning plant and machinery safety.

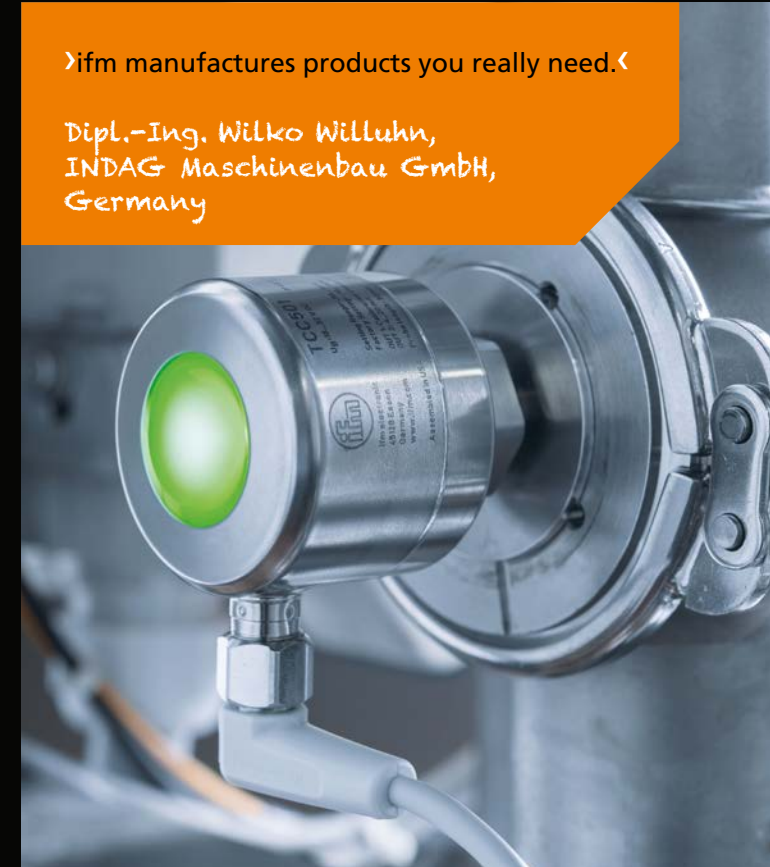
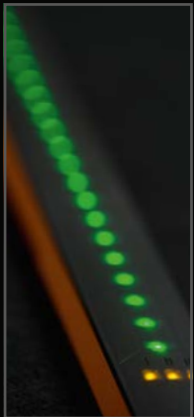


Flow sensors in machine building: The flow rate and temperature of the cooling liquid are precisely detected.



›ifm manufactures products you really need.‹

Dipl.-Ing. Wilko Willuhn,
INDAG Maschinenbau GmbH,
Germany



*Nothing escapes the photoelectric sensors:
Small, slim and flat components, even
with dark or shiny surfaces, are detected.*

*Self-monitoring temperature sensor in the food industry:
Accuracy deviations are automatically detected and signalled.*

Intelligence

›We have already implemented many projects with the modular AS-Interface system and had good experience with it. We have never had any problems with the control of our feed factory.‹

ForFarmers Hendrix,
Netherlands

›Using condition monitoring from ifm on machine tools we want to achieve more predictable and efficient maintenance.‹

Roland Bernhard, Manager of
Maintenance Planning TF-I Division
Production TF,
MTU Friedrichshafen GmbH, Germany

›ifm supports us considerably with ongoing plant and process optimisation.‹

*Stefan Aumann, European
Petcare Maintenance Manager,
Mars GmbH, Germany*

›Triowin's success relies on our persistent assurance for product quality: We select the best suppliers and manufacture the best equipment to best serve our customers, and ifm can always provide us with appropriate services and superb quality products. We are very satisfied with our cooperation with ifm Italy.‹

*Zhang Zhiqiang, Director of Automatic
Control Department,
Shanghai Triowin, China*

The background of the page is a grayscale industrial scene. On the left, a small black sensor unit with two cables is mounted on a metal surface. On the right, a large, textured black component, likely a camera lens or sensor housing, is shown in a close-up, angled view. The overall aesthetic is technical and modern.

Intelligence

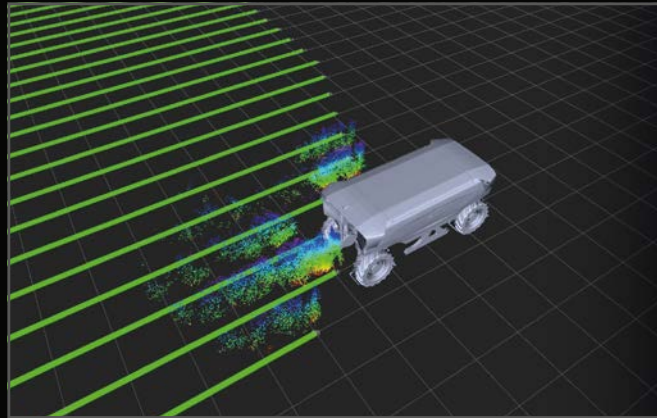
Always one step ahead – that is ifm's target. This is the only way to achieve efficient production and competitive advantages. Innovative products shall enable our partners to respond to changed markets in an optimum and flexible way and, even better, initiate modifications themselves. More than 1,260 employees in research and development worldwide are working on it every day. More than 1,140 patents of our own for future requirements speak a clear language. There is a close cooperation with universities and research bodies as well. ifm has already won many awards for the development and perfectioning of TOP technologies as well as TOP products. One example is the Hermes Award, one of the highest technology awards of 100,000 euros worldwide, for the "efector pmd" distance sensor. ifm was also decisive in developing the IO-Link communication standard which forms the basis of Industry 4.0.

ifm's 2D/3D camera systems are used, among other things, for early collision warning in ports.

Electronic eyes: 3D smart sensors ensure an autonomous navigation of a harvesting robot through the vineyard.



More than 1,170
ifm patents



DESIGN
AWARD
2022



GERMAN
DESIGN
AWARD
WINNER
2022



red dot



›It's a brave new world.‹

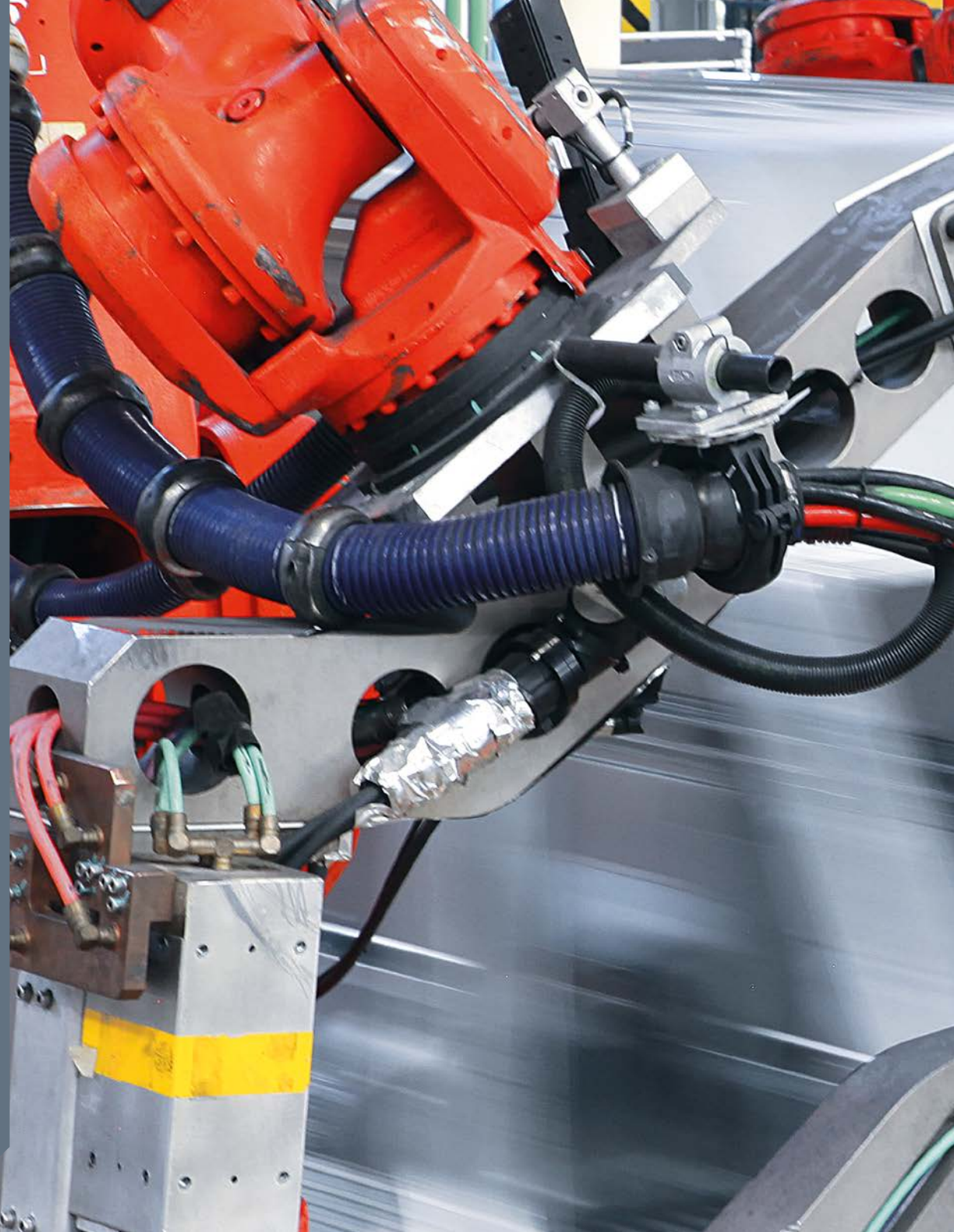
Barack Obama,
former President
of the United States
at the ifm stand
in Hanover 2016



Quality control in machine building: The ifm Profiler checks the profile height of a component with millimetre precision.

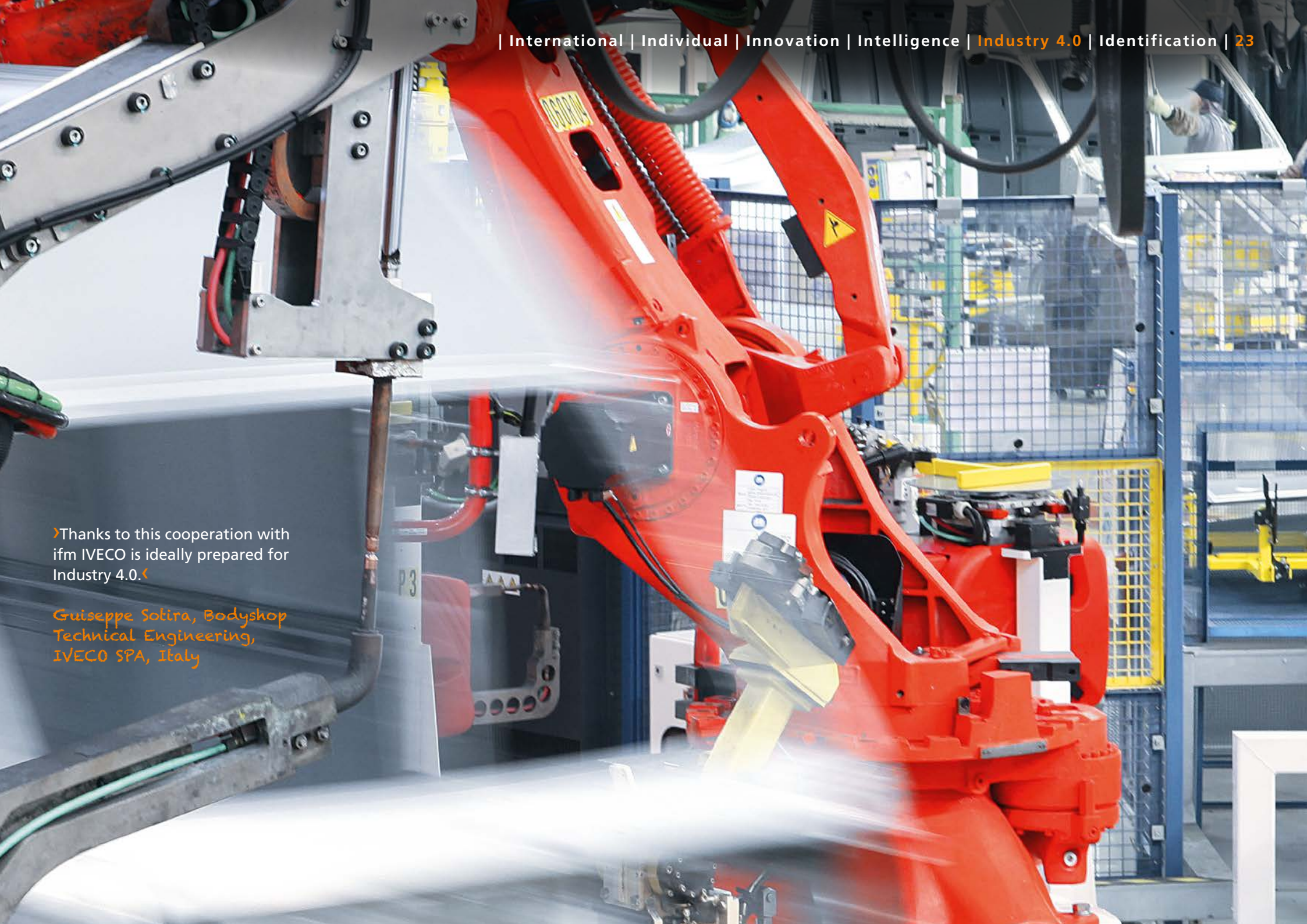


Industry 4.0



>Thanks to this cooperation with ifm IVECO is ideally prepared for Industry 4.0.<

*Giuseppe Sotira, Bodyshop
Technical Engineering,
IVECO SPA, Italy*

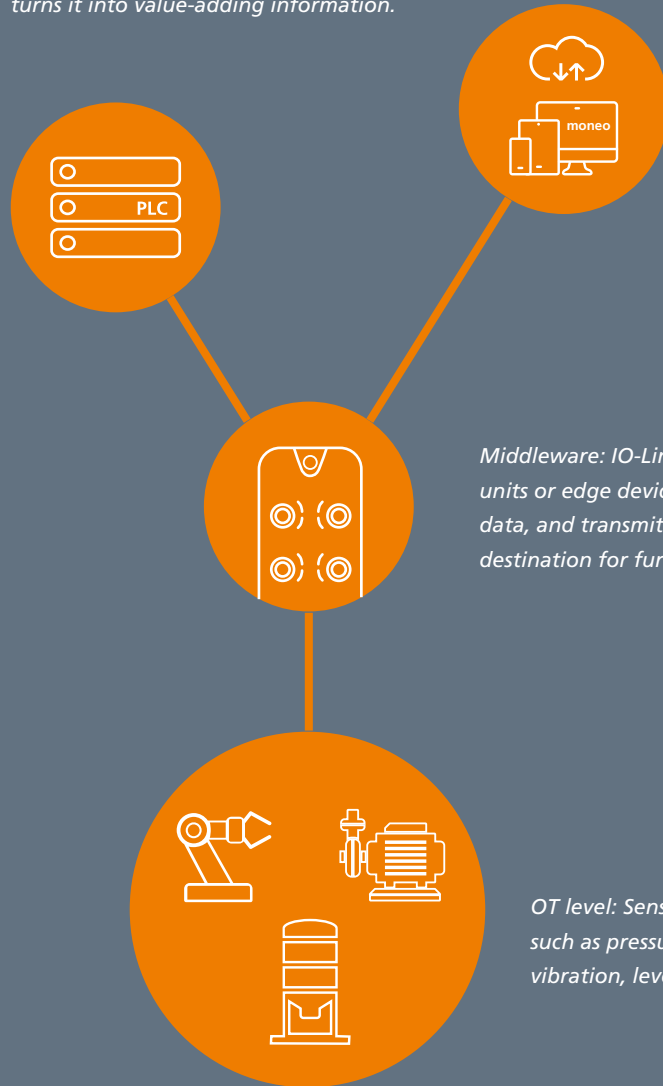


Industry 4.0

Industry 4.0 is not just a keyword but will change production and automation decisively – on all levels of the production process. Decisive is that the intelligent sensors are interconnected and connected to the machine control via IO-Link. Thanks to the IO-Link technology, the sensor data for the fully automatic production and analysis is available as digital data and also allows condition-based maintenance. ifm is a pioneer in this area and offers the most extensive product range in this area worldwide. The respective ifm software allows the bidirectional data exchange among a high number of different interfaces and automatically gives an overview of the complete plant. Moreover, direct transfer to the ERP system is also possible, bypassing the PLC. We accompany you on your way towards your future at any time, efficiently and safely, not only for today's but also for tomorrow's requirements.

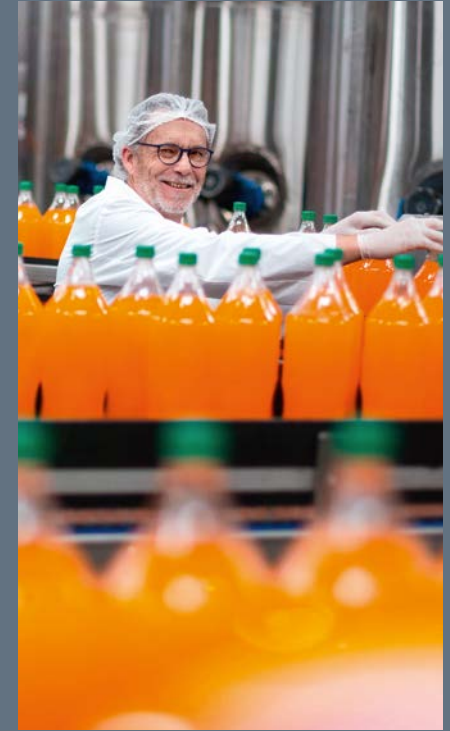


IT level: Software such as the IIoT toolbox moneo processes the incoming data and turns it into value-adding information.



Middleware: IO-Link masters, diagnostic units or edge devices collect and process data, and transmit it to any desired destination for further processing.

OT level: Sensors measure values such as pressure, temperature, vibration, level or flow.



›We can access the plant remotely via our VPN tunnel, for example: What are the sensor settings? Is there a problem? In short: Worldwide access down to the sensor. This is really great.‹

Hendrik Blatz,
Maschinenfabrik Gustav
Eirich GmbH & Co KG,
Germany

Industry 4.0

As an industry and manufacturer independent IIoT platform, ifm moneo combines the level of Operation Technology (OT) with the level of Information Technology (IT). The sensor data generated in the production plants can be read and processed easily and used as a basis for sustainable corporate decisions. moneo has a modular structure and consists of a basic software as well as applications, for example, for condition monitoring or for IO-Link sensor parameter setting. This makes it possible to put together a tailor-made software package for every individual requirement.

Together we will make your project successful. Just get in touch, we will accompany you on your way. To meet your requirements, our ifm system sales team will support you right from the start – ranging from strategic consulting to the development of individual software and hardware solutions and the corresponding implementation and further services.



Device management



With moneo as your digital toolbox, you will always have all the tools you need for a successful implementation of your IIoT projects at your fingertips.

RTM management

Since 2018, GIB has been a 100% subsidiary of the ifm group of companies.



Energy management



Industry 4.0 is feasible – with our expert guidance it is easier than you might think.



io-key, the cloud connection for all IO-Link sensors.



Through comprehensive data analyses, moneo enables less downtime, more efficient maintenance planning and cost-optimised production processes.



Identification

›What impressed me most with ifm: They did not ask about possible quantities but promised comprehensive project support.‹

Rolf Oschatz,
Gritzke Lasertechnik, Germany

›The cooperation with ifm sustainably improved the reliability of condition-based maintenance.‹


Hans-Joachim Schaller,
Technical Service Planned Maintenance,
Pirelli Deutschland GmbH Werk Höchst,
Germany

›My experience with ifm has always been positive – what distinguishes ifm’s employees is their great technical competence combined with flexibility and reliability.‹

Michael Rohe,
NOBAMED Paul Danz AG, Germany

›We have a great business relationship. Business is business but they are really good people.‹

Dale Koger,
JB T Corporation, USA



›An ifm customer for more than 40 years:
We could work well with Mr Marhofer, with
his technical and production departments.
The most important thing was that existing
problems were solved and that this finally
led to success.‹

Jens F. Schulz,
formerly Rasselstein GmbH, Germany

Identification

It is no surprise that ifm's seniority is above average (partly more than 45 years) and that the employees' fluctuation is low, in Germany and abroad. Without satisfied employees in a good working atmosphere no sustainable company success is possible. In all corporate sectors such as production, sales, service, research and development as well as administration, many perspectives are offered. Everyone can use his talents in an optimum way. At present more than 110 trainees with and without accompanying studies prepare their professional career with ifm.





Find interesting
jobs:
jobs.ifm.com

Job perspectives and career opportunities are to set benchmarks and ensure a viable future. All the better that ifm regularly wins awards for their achievements.



The founder generation has defined principles in a philosophy that, by today, has been translated into 16 languages and that is handed out to each employee. In this philosophy, we promote our ethic corporate culture and encourage responsible and sustainable action – also in a global context.

That's it? Not by far!

Our entire product portfolio is available online!

ifm.com

