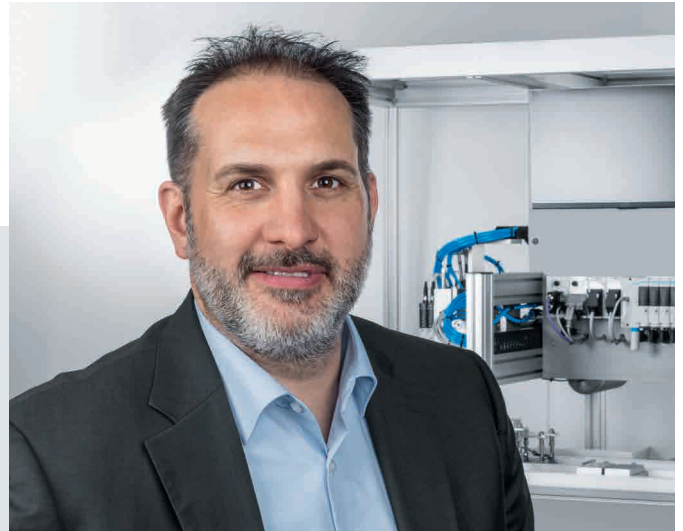


**Food safety and efficiency ...**

**FESTO**



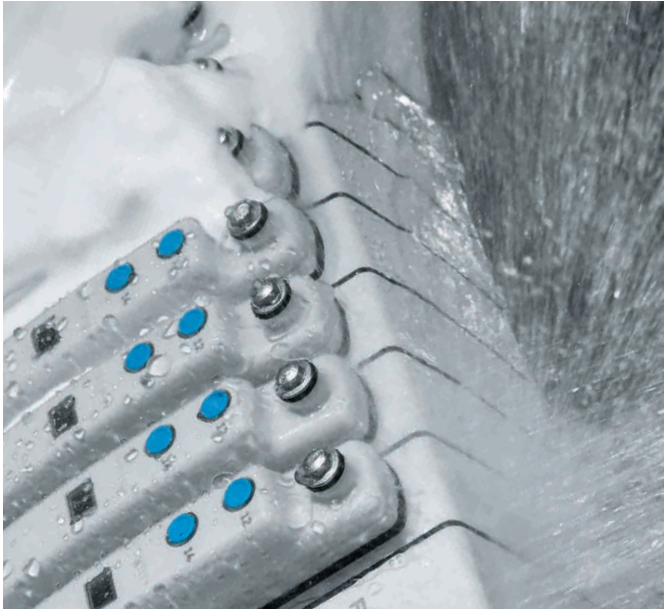
**... are key requirements for you. Our clever mix of solutions delivers the perfect ingredients for production facilities that produce high-quality food economically.**



**Alexander Wagner**  
**Vice President Industry Segment**  
**Food and Packaging**

**“My team and I are here to provide expert advice and help you to find the best possible solution for your needs. We offer a specific automation portfolio as well as selected services. Talk to us about your production requirements, no matter where you are in the world.”**

## Food safety made easy



**You want hygienic and efficient automation?  
And a perfect combination of great tasting food  
and maximum productivity?**

As your partner throughout the entire production process, Festo can help you to optimally implement food safety with clean design products and solutions. This ensures that both the consumer and your brand are protected.

## Maximum productivity can be planned



**How do you make operation of your system more economical? And ensure energy-efficient use of resources?**

With our complete portfolio of products, systems and selected services your production process will be equipped for maximum performance. It will have built-in reliability and a high level of quality. All this can be achieved with the right mix of electric and pneumatic automation technology.

### + **Reliable and efficient compressed air**

Decide what kind of compressed air quality you need for your application. Our preconfigured service unit combinations are designed to meet your requirements and can be ordered with just a single part number.

Save energy with automatic shut-off of compressed air in stand-by mode. The energy efficiency module E2M monitors and regulates the compressed air supply fully automatically.



### + **Maximum performance**

Fast, simple and energy-efficient: decentralised valve terminal concepts increase the productivity of your systems. With the Clean Design valve terminal MPA-C there's no need for a control cabinet thanks to degree of protection IP69K. Or you can use valve terminal VTUG in the control cabinet, with multi-pin plug, all common fieldbuses or IO-Link®.



### + **Food-grade approved**

Dispensing food cleanly and safely: the pneumatic pinch valve VZQA with silicone diaphragm comes in an NO variant and with a declaration of conformity in accordance with Regulation (EC) No. 1935/2004. This pinch valve variant has thus been approved for direct contact with food products.



### + **High operational reliability**

Reliable components are essential for high machine availability. Take the stainless-steel cylinder CRDSNU from our Clean Design drive portfolio, for example. It is extremely durable thanks to the dry-running seal, and is always correctly set with the self-adjusting end position cushioning system PPS – without an adjusting screw where dirt can accumulate.





### + **More production time**

Active diagnostic management: with the automation platform CPX, you can integrate pneumatic and electrical control chains easily, quickly, flexibly and seamlessly into all automation concepts and company-specific standards. CPX is ideally suited to Industry 4.0 thanks to OPC UA and CODESYS control V3.



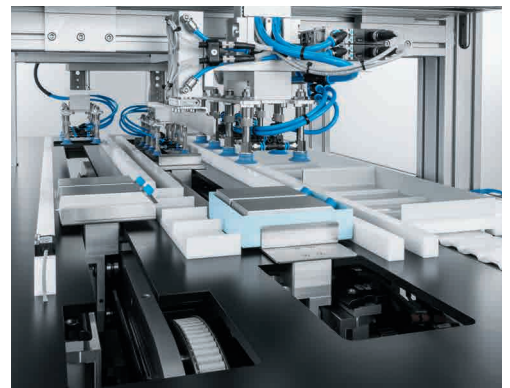
### + **Digital pneumatics**

A world first: the Festo Motion Terminal VTEM propels pneumatics into the age of Industry 4.0! It is the world's first pneumatic automation platform to be controlled by apps. The functions of a valve can now be changed via an app – without the need to change the hardware. Digitalisation is thus moving into pneumatics.



### + **Flexibility at the press of a button**

Highly flexible and easy to integrate: the Multi-Carrier-System takes your product transport into a new dimension. This innovative system solution gives your system flexibility precisely where it is needed: acceleration, speed, grouping and synchronous motion can be freely defined. The carriers can be transferred inward and outward without the need for a transfer station, allowing fast changeover of the machine to different formats.



### + **Services and support made to measure**

From engineering and commissioning services to operation. The Handling Guide Online reduces your engineering time and effort to a minimum and guides you to the right handling system in record time.

Our energy saving services support energy-efficient and environmentally responsible system operation.



## Intelligent production of the future



Traceability in production processes right down to individual batches is a crucial prerequisite for improved safety in the food industry. Flexibility is also a top priority as demand for handling different sizes, formats and shapes is constantly increasing.

Get ready for Industry 4.0. With our intelligent automation solutions you can have highly flexible, reliable production today.

And you can also make use of our training and consulting services to provide you and your employees with the knowledge you need for the future. We will be happy to work with you directly on site, in your company.

More information

→ [www.festo.com/food](http://www.festo.com/food)

→ [www.festo.com/packaging](http://www.festo.com/packaging)

You ensure food safety.  
You rely on highly efficient packaging processes.  
We supply flexible automation solutions – worldwide.

→ **WE ARE THE ENGINEERS  
OF PRODUCTIVITY.**