

# SIPOS

## The Inside Story

**SIPOS**  
AKTORIK

# A dynamic organisation with blue-chip pedigree

Actuation innovation

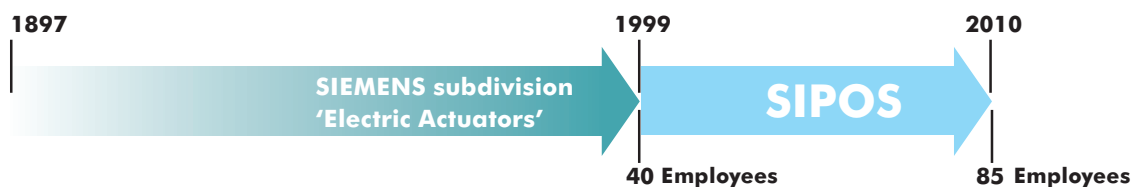
An independent company since 1999, SIPOS Aktorik has roots as part of the 'Electric Actuators' subdivision of SIEMENS AG and, therefore, has a history dating back over a hundred years.

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With focus placed on quality, product performance and customer orientated services, SIPOS Aktorik has established expertise in the development, design and construction of electric actuators. The company has seen continual growth from 40 to over 80 employees in 2010. A production output of 12,000 units per year confirms the company's position as the leading manufacturer of variable speed actuators.

Combining the dynamics of a young organisation with the expertise of its blue-chip Siemens background, SIPOS has achieved a global reputation for innovation.

## Individual responsibility leads to innovation



## 'Knowledge Champions': employees – the most valuable resource

SIPOS recognises that employees are a company's most valuable resource. With this guiding principle at the heart of the organisation's human resource philosophy, this principle ensures ongoing enhancements. Individual employees play their part striving to enhance design, service and support. An ongoing focus on transformation means future trends are pre-empted and value / competitive advantages for customers are created.



# No square pegs

## in round holes

Customers' requirements are the basis for all SIPOS' activities and services. We don't force any square pegs into round holes – by providing tailored solutions, we solve your individual actuation challenges.

SIPOS advises its customers and supplies tailored solutions with the appropriate actuation technology. Each customer's requirement is individually addressed to ensure the most effective solution for each task. In instances where the multitude of intelligent actuator product functions do

not fit precisely with the specific needs of the customer, SIPOS employees have the tenacity and expertise to rapidly identify and develop the appropriate solution – this ensures optimum performance of new plants, retrofits and converted systems.

Customised solutions – a practical example:

**Two actuators synchronously raise and lower a bridge**

**'Messbrücke' – a bridge in Wertheim with parallel run**



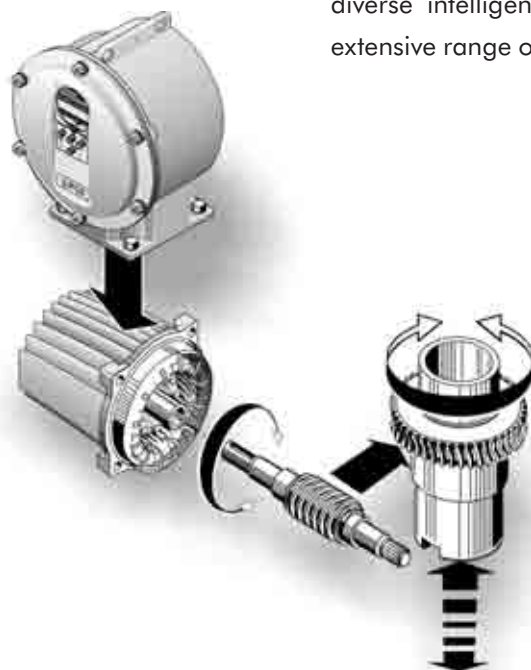
# The SIPOS 5 flash actuator – a unique solution

SIPOS pioneers innovative actuation –  
success with tailored technology

With 'conventional' electric actuators, criteria such as required speed, critical power supply etc. are addressed with different motor/gear configurations. The result is a number of drives which differ in their mechanical design. With SIPOS 5 flash actuators, this problem no longer arises: a frequency converter controls the actuator motor – this reduces the number of components and considerably increases the operational reliability. A single motor covers a larger speed range and voltage fluctuations do not impact the torque.

Additionally, with electronics at the heart of the drive control technology, sophisticated motor control is possible which extends the service life of the motor.

Recognising that intelligence saves resources, bespoke software is a key to the success of the performance of SIPOS' 5 flash solution. The company's diverse intelligent solutions support an extensive range of process requirements.



# The product portfolio – a comprehensive range

SIPOS' range of actuators and solutions includes:



- Electric rotary, linear and part-turn actuators for standard and modulating valve applications
- Rotary actuators for nuclear power plants
- Actuator control systems
- Complete solutions, e.g. UPS and solar power installations



- Services: consulting, design, planning and support



# State-of-the-art

## production

German manufacture – commitment to quality

At SIPOS, our components and modules are manufactured by qualified suppliers who produce to our high design and quality levels. Focus is placed on assembly standards and quality assurance. Pride is taken in the endorsement of our 'Made in Germany' product labelling and we uphold this reputation for quality.

In parallel, we are committed to protecting an increasingly important resource: our environment. This responsibility ranges from selection of materials to the use of re-usable packaging.

Designed to reflect the latest economic and environmental research, our production headquarter's next generation architectural design incorporates natural light and open spaces which aides the work force's well being and, in turn, ensures high quality production. Ergonomic workflows also assist production standards and support our objective of individual staff members taking personal responsibility for the end product.



# After-sales

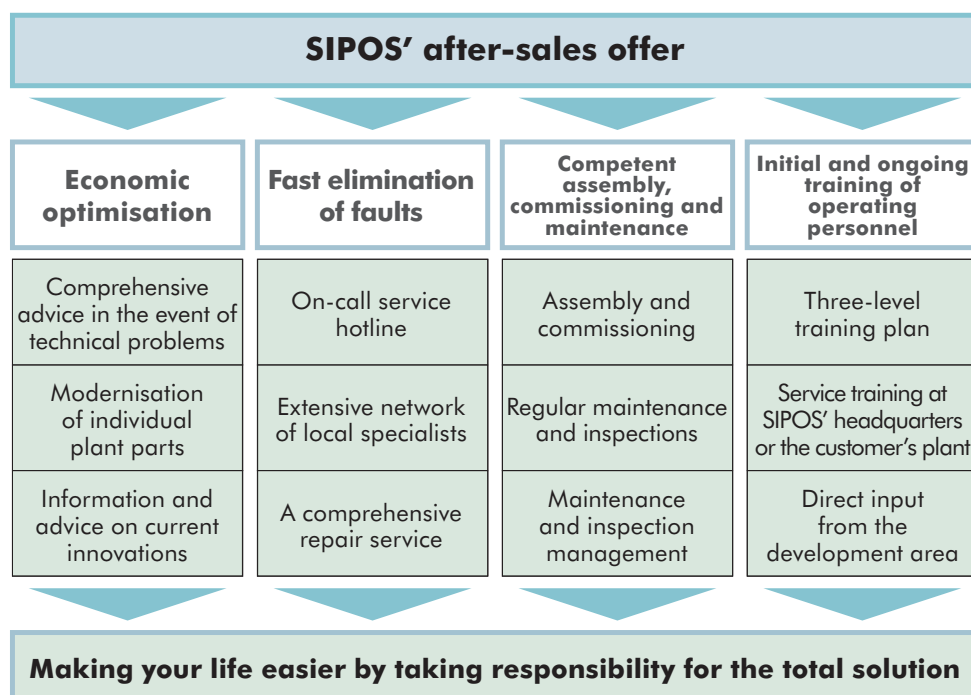
## technical support

Customer service – individual solutions

Supplying the correct actuators is only one facet of SIPOS' service. Other aspects of our actuation offer include installation, commissioning and training. Every order is viewed as an individual project which requires an optimum solution.



The focus of SIPOS' after-sales support is meeting the individual customer's requirements. Our goal is creation of a partnership that will help to minimise downtime and ensure economic operation. Our comprehensive after-sales support package reduces risk to a minimum and facilitates the smooth operation of the plant.



# SIPOS

## AKTORIK

### SIPOS world-wide

A local presence in a global market



○ Headquarters at Altdorf near Nuremberg, Germany

