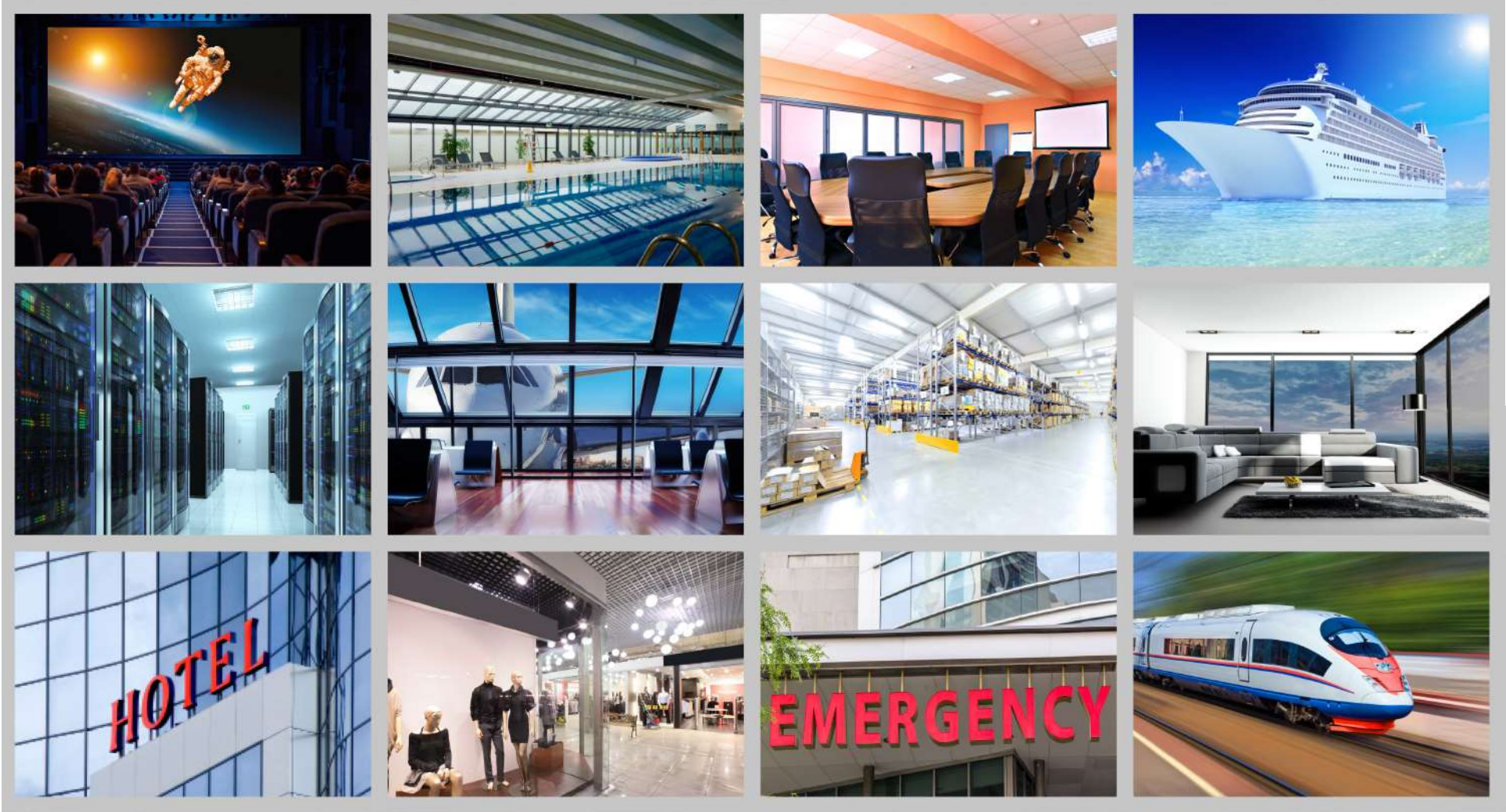




# WELCOME

Hinwil, May 16th 2018



# Company Presentation

Hinwil, March 2018



# Belimo solutions

## Innovations in Comfort, Energy Efficiency and Safety Solutions.

Belimo is the global market leader in the development, production and marketing of actuator solutions for controlling heating, ventilation and air conditioning systems. Actuators, control valves and sensors make up the company's core business.

# Where to find Belimo products?



Burj Khalifa, Dubai



National Aquatic Center, Beijing



Empire State Building, NY



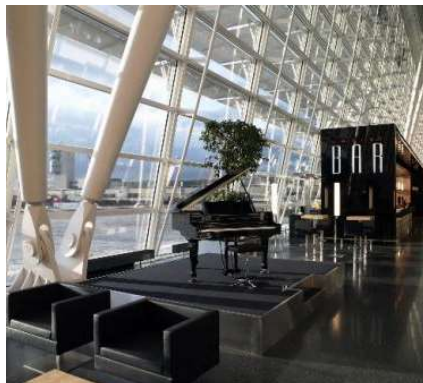
THE SQAIRE, Frankfurt (Source: Roland Horn)



Rail vehicles



Princeton University Princeton, NJ



Airport Zurich (Source: Flughafen Zürich AG)



Vessels

# Comfort

Health, well-being and performance capability are dependent to a large degree on a well controlled room climate.



# General Air Solutions

Motorization of dampers in ventilation and air conditioning systems:

- > Rotary actuators - 90°
- > Linear actuators
- > Full-rotation actuators - 360°
- > Quick running actuators
- > RobustLine actuators for extreme environmental conditions
- > Rotary actuators for outdoor applications



# Water Solutions

Motorized valves for controlling heating and cooling hydronic circuits:

- > 2-way, 3-way and 6-way characterized control valves
- > Mechanical and electronically controlled pressure-independent characterized control valves
- > Shut-off and change-over valves
- > Globe valves



# Retrofit applications

Simple retrofit and replacement of the motorisation for air dampers and valves of different manufacturers:

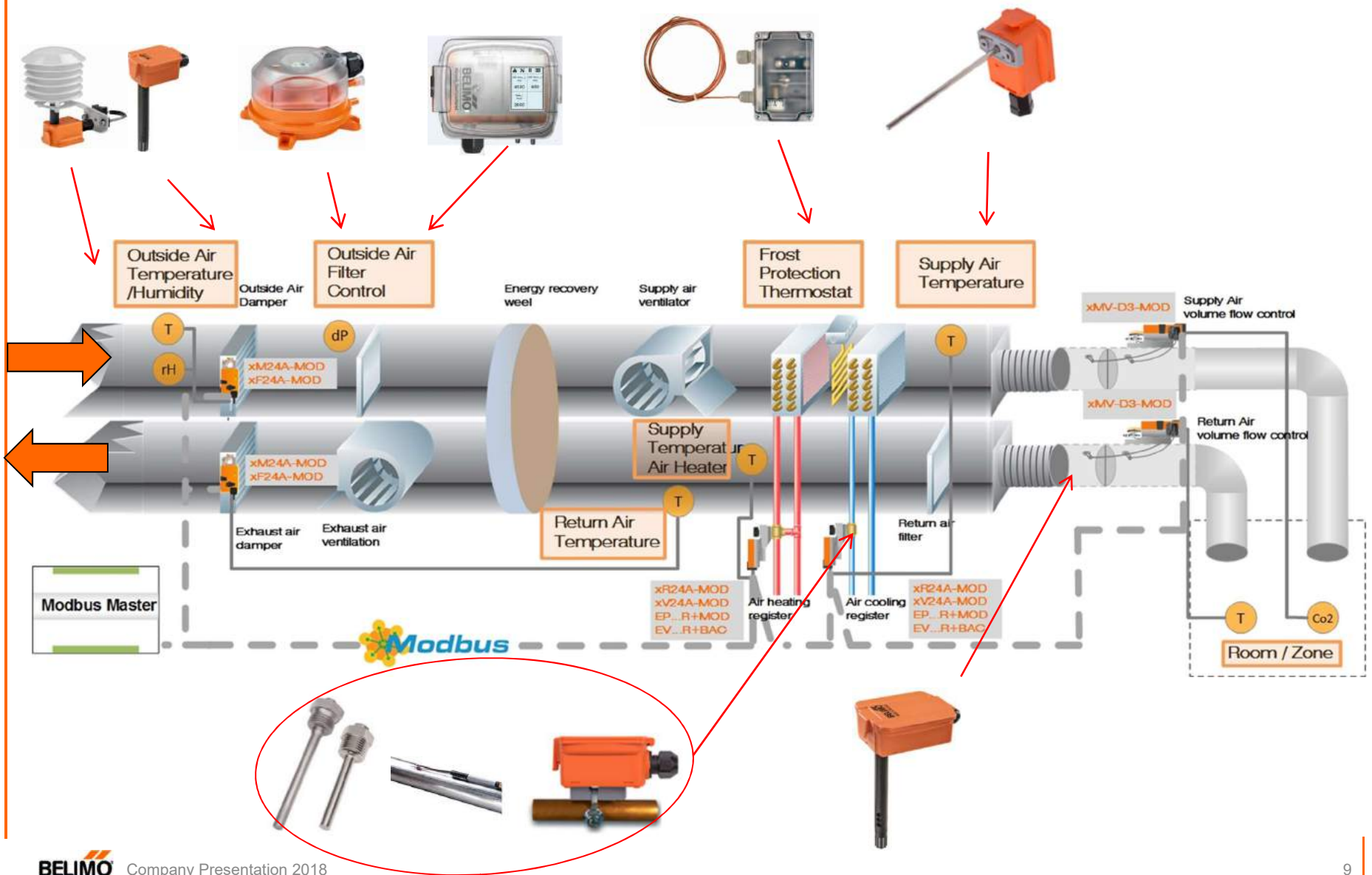
- > Damper actuators
- > Globe valve actuators
- > Rotary valve actuators



RETROFIT



# Sensor range



# Energy Efficiency

Innovative solutions for increasing efficiency begin in the details and have large-scale effects.



# Avoiding energy losses

Intelligent solutions for avoiding unnecessary energy losses:

- > Prevention of creeping circulation losses with air bubble tight closing valves
- > Massive reduction of pressure losses through demand-based control of the supply air fans



EXPERIENCE  
EFFICIENCY

# Monitoring energy flows

Electronically controlled Energy Valve that optimizes, documents and proves water coil performance.

- > One valve for flow,  $\Delta T$  and energy measurement, control and shut-off
- > Perfectly optimized coil operation thanks to automated  $\Delta T$  and flow balancing
- > Integrated energy monitoring for the checking and optimization of the hot and cold water circuits



EXPERIENCE  
EFFICIENCY



# Safety Solutions

Safety for people,  
tangible assets and  
investments requires  
experience and maximum  
reliability.

# Safety Solutions

Motorization solutions for fire and smoke dampers:

- > Fire protection actuators
- > Communication, network and control units
- > Bus integration



# Safety Solutions

Motorization solutions for mechanical smoke extraction systems:

- > Smoke control damper actuators
- > Communication, network and control units



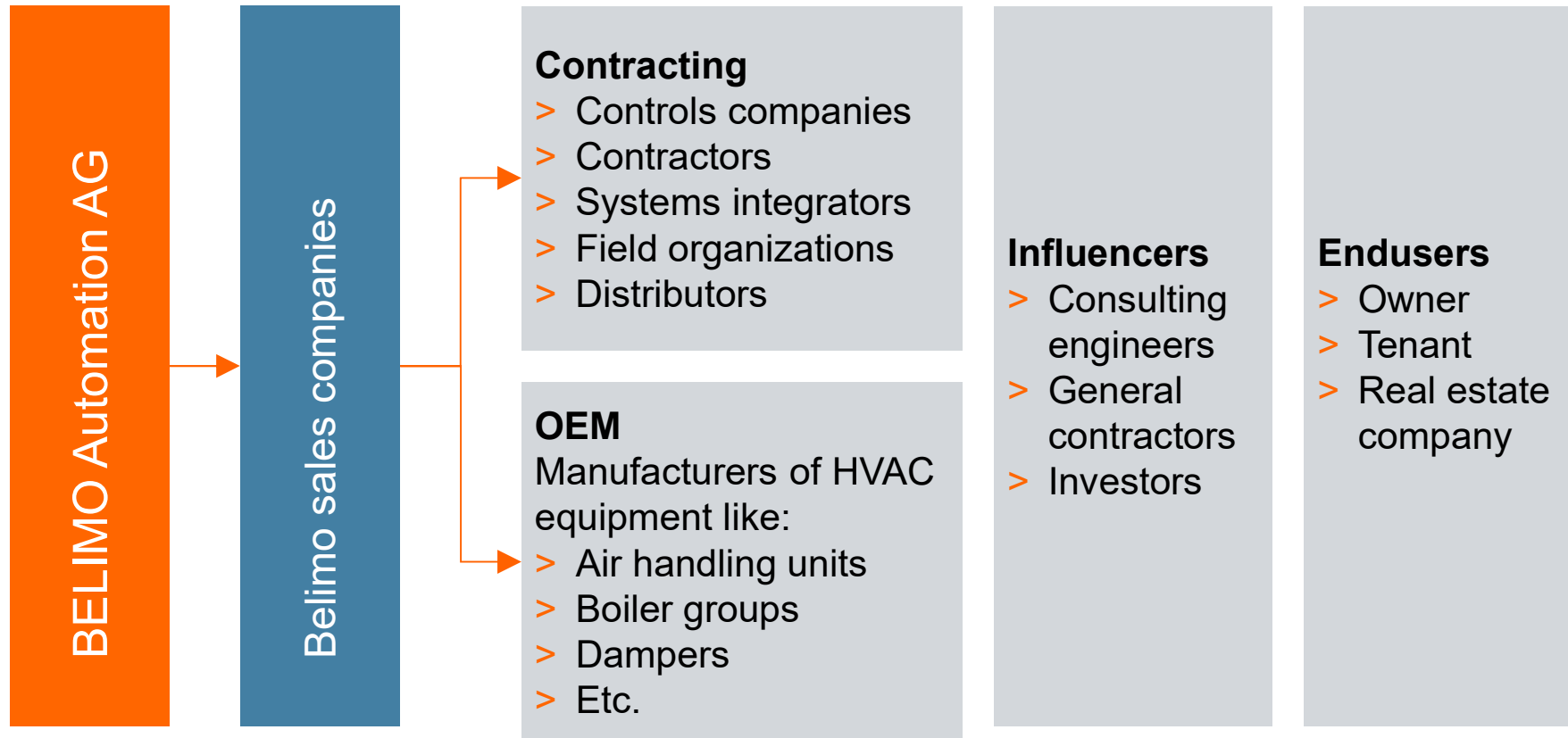
# Facts & Figures

BELIMO



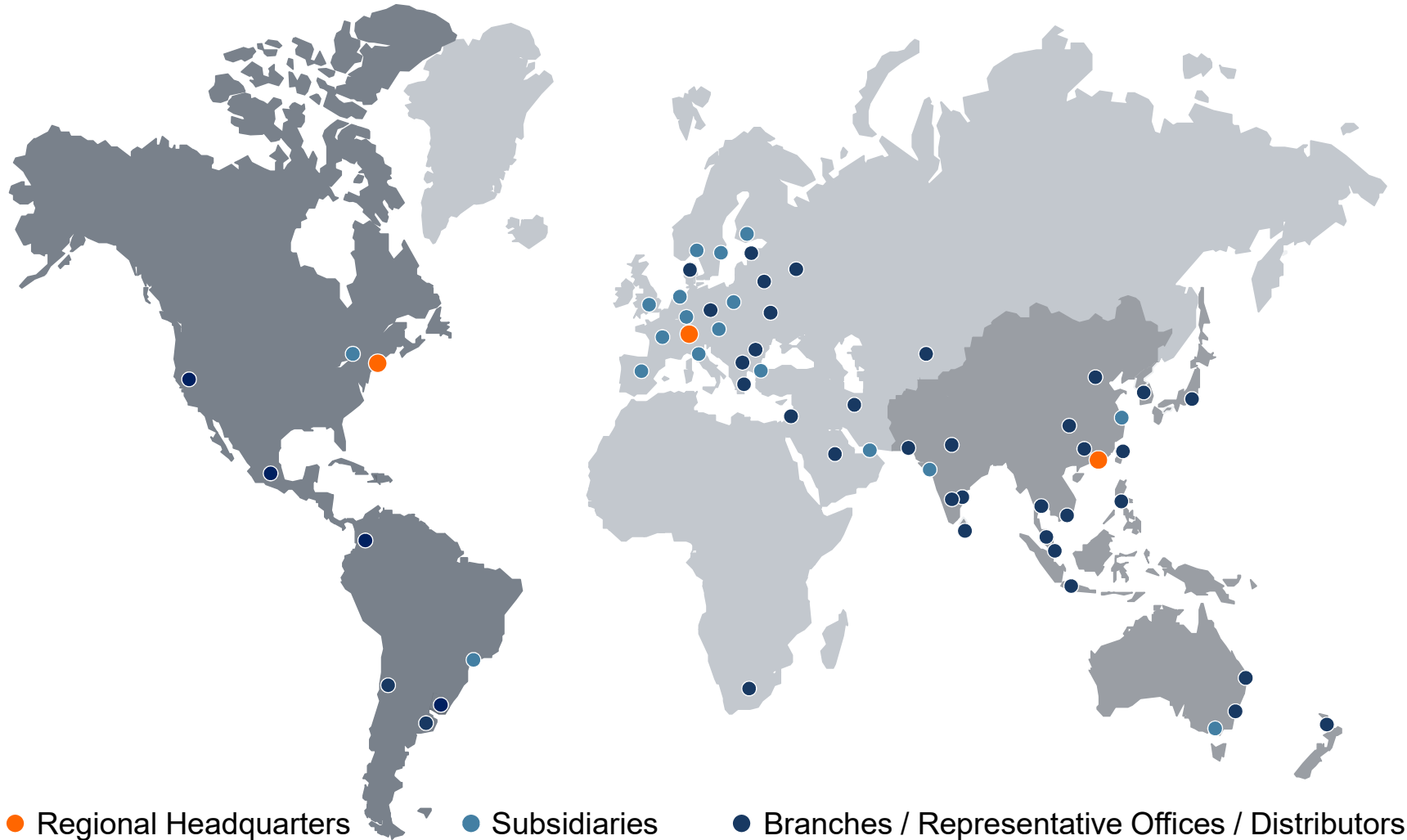


# Our customers



# Belimo locations

Active worldwide and at home in more than 80 countries



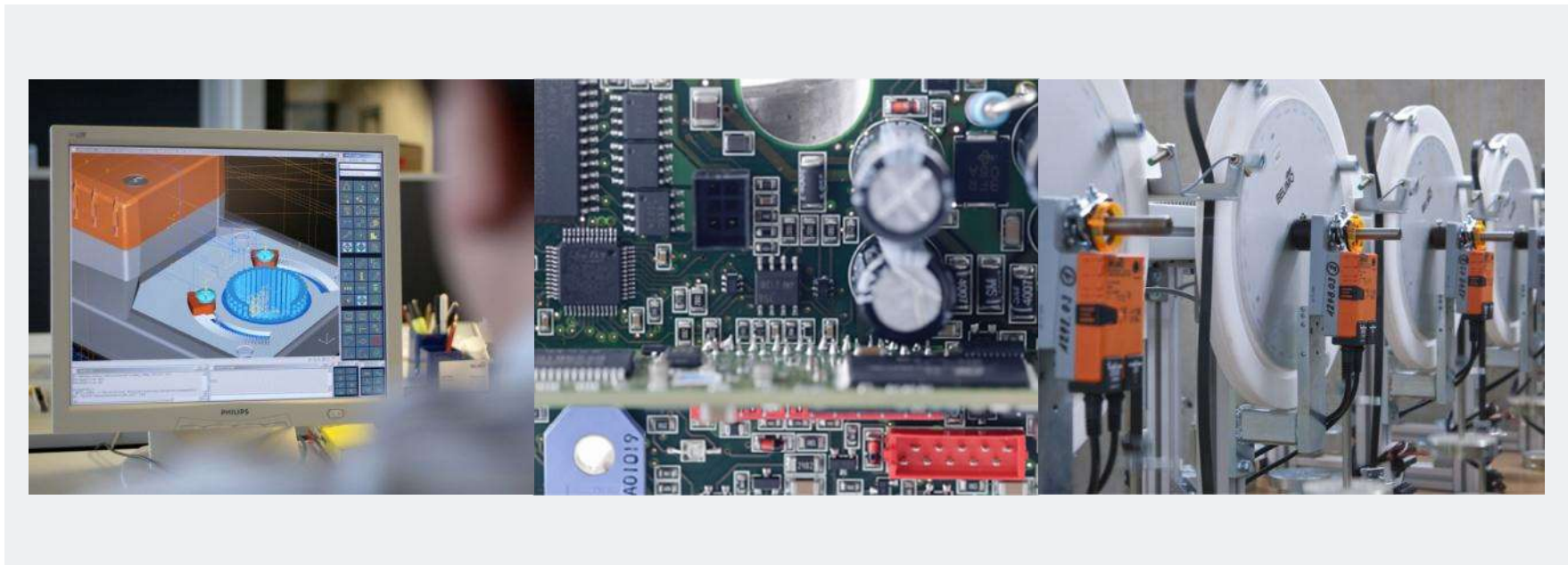
# «Swissness» – reliable quality is appreciated

- > Each individual actuator – around 6.3 million in 2017 alone – is thoroughly tested before it is sent out
- > Specialized know-how and the legendary «Swiss quality» make it possible to provide a five-year warranty on the entire product range



# Research and development

- > Belimo has set standards in the field of HVAC actuator and valve technology since 1975 with its consistent orientation to market requirements and pioneering innovations
- > The Belimo Group invested 7.7% of its net sales – this being 44.4 million Swiss francs – in research and development in 2017



# Belimo key figures 2017

<b>Group net sales</b>	CHF m	579.9	+ 8.7%	
<b>Net sales by regions</b>	Europe	CHF m	280.8	+ 8.4%
	Americas	CHF m	226.5	+ 7.9%
	Asia Pacific	CHF m	72.6	+ 12.5%
<b>Operating income (EBIT)</b>	CHF m	92.6	+ 6.5%	
<b>Net income</b>	CHF m	77.5	+ 11.1%	
<b>Employees (FTE's)</b>		1532	+ 6.4%	
<b>Founded</b>		1975		
<b>Headquarters</b>		Hinwil, Switzerland		
<b>Swiss Stock Exchange</b>		Listed since 1995		

# Belimo sells «peace of mind»

## Tested components with comprehensive additional product services



**5 year warranty**



**Located around  
the globe**



**Complete product  
range**



**Tested quality**



**Short delivery  
times**



**Comprehensive  
support**



**BELIMO<sup>®</sup>**  
40 YEARS

Thank You