

Space passive component days 2016

Your supplier and partner
for physical, chemical and
biological sensors



TEMPERATURE



FLOW



HUMIDITY



CONDUCTIVITY



BIO



INNOVATIVE SENSOR TECHNOLOGY



INNOVATIVE SENSOR TECHNOLOGY

Facts & Figures

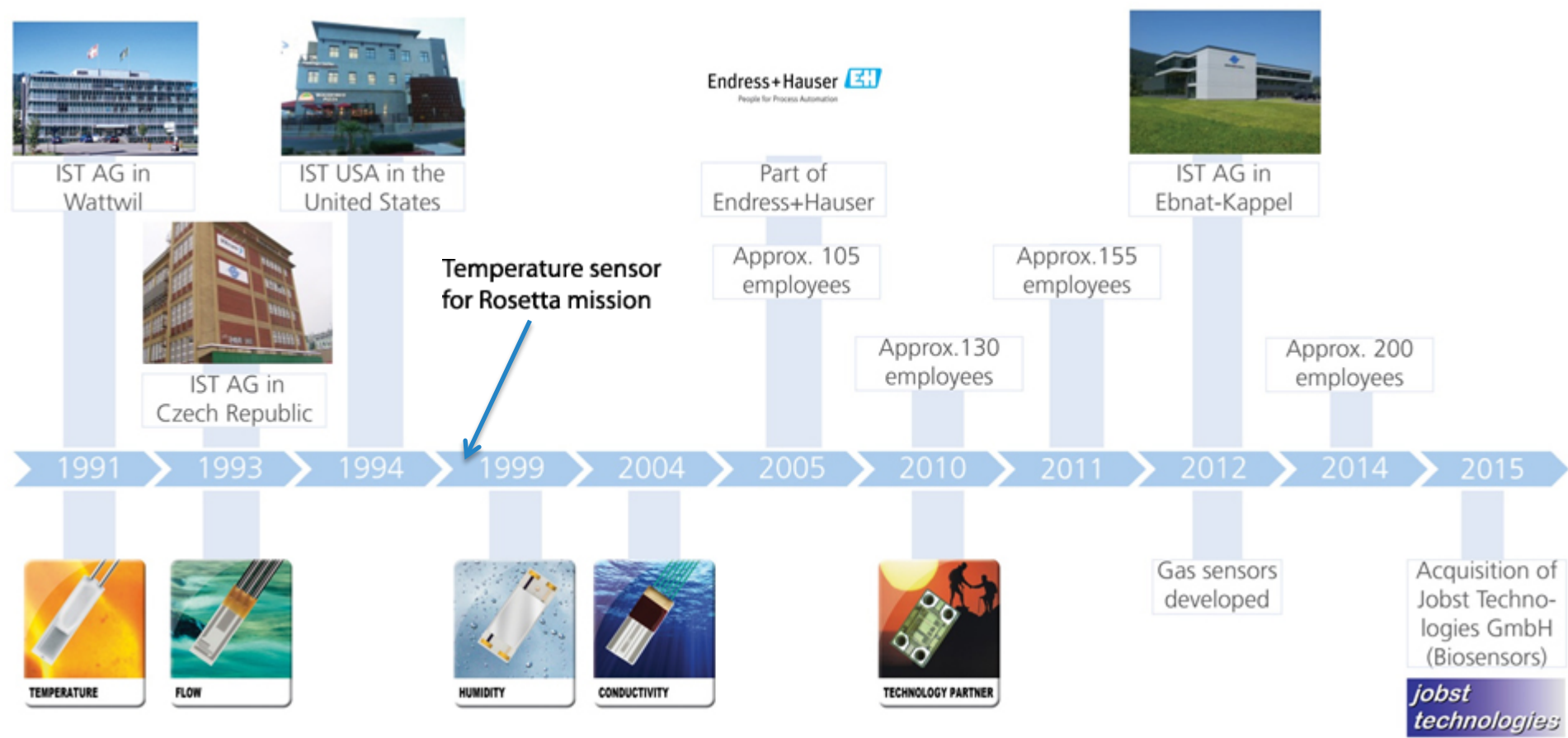
- Founded in 1991 – Headquarters in Switzerland
- 240 employees worldwide
- >10 million sensors per year
- > 4,000 products
- > 150 new products every year
- €22 million turnover in 2015
- Worldwide sales





INNOVATIVE SENSOR TECHNOLOGY

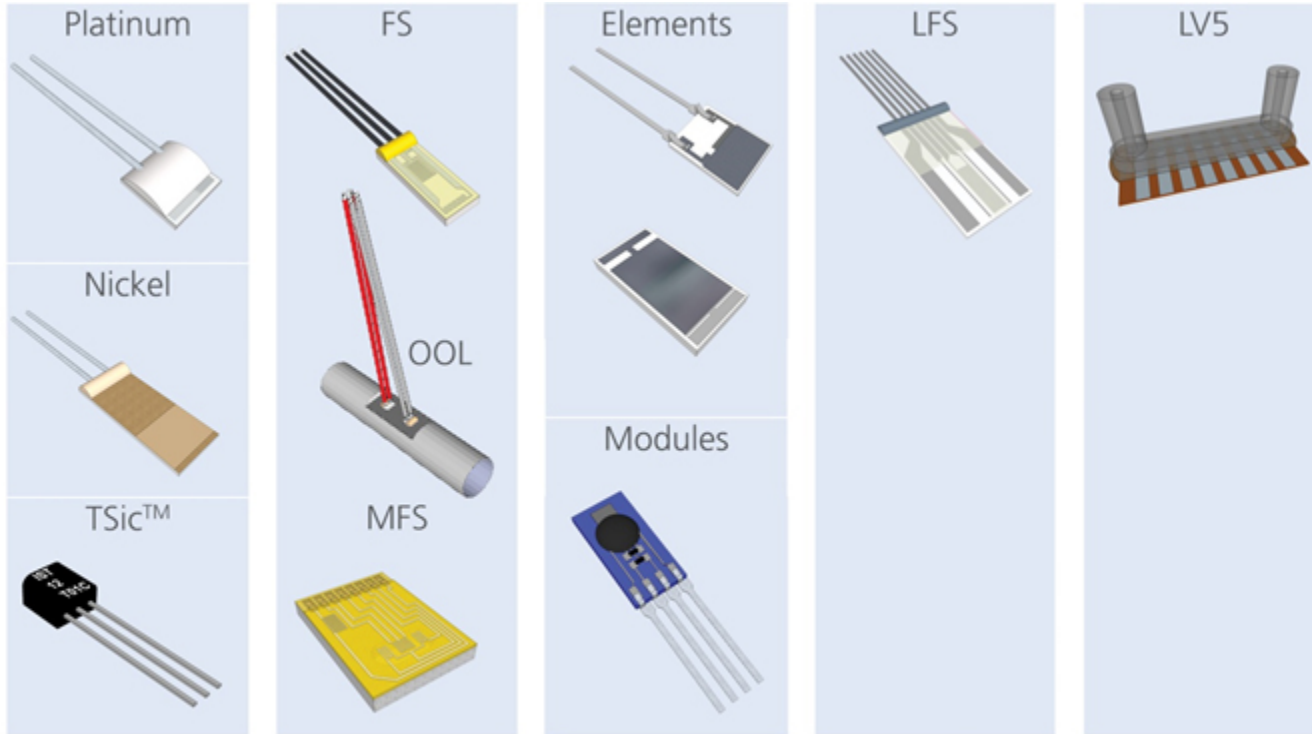
History





INNOVATIVE SENSOR TECHNOLOGY

Sensor Overview



Sensors

Temperature

Flow

Humidity

Conductivity

Bio

Technology Partner



INNOVATIVE SENSOR TECHNOLOGY

Application Areas



Process Control &
Automation



HVAC



Handheld Devices



Medical



Biotechnology



Aviation & Space



Appliance



Automotive



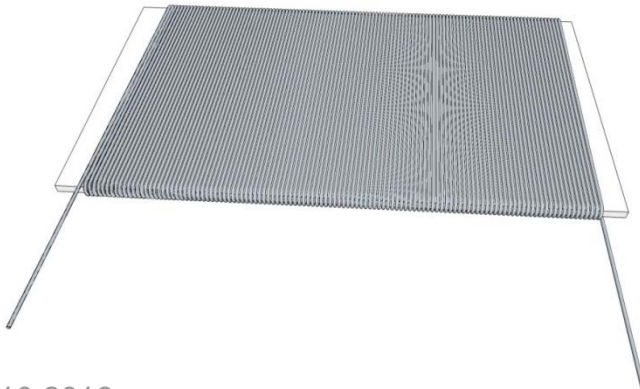
INNOVATIVE SENSOR TECHNOLOGY

Platinum Temperature Sensor

- Replacement of wire-wound Pt sensors
- IST AG thin-film Pt sensors for space applications
- ESCC qualified in 2017

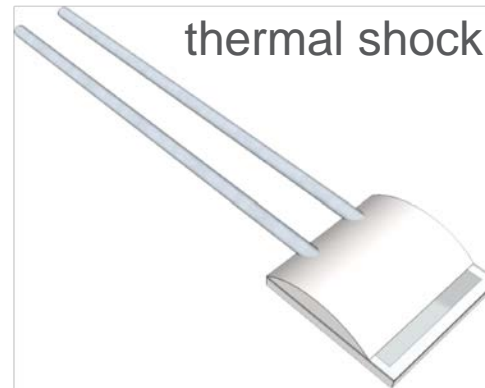
Wire-wound Pt:

Sensitive for high thermal cycles and vibrations



Thin-film Pt:

Thin-film-technology; vibration- and thermal shock resistant





INNOVATIVE SENSOR TECHNOLOGY

Platinum Temperature Sensor

- Finishing ESCC qualification in 2017 for the Pt elements
- Next step:
Depending on market request, complete assembly of temperature probe.



INNOVATIVE SENSOR TECHNOLOGY

Thank you

omar.sacchet@ist-ag.com