



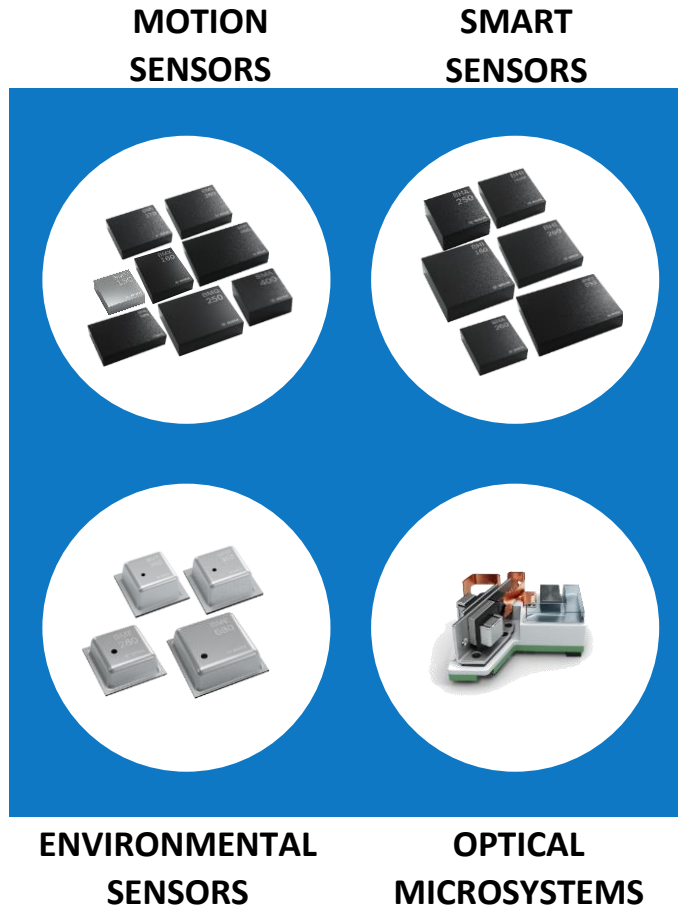
Peter Ostertag  
Project Director Laser-Projection

For a better life

# Bosch Sensortec Smart Glasses Solutions

# Who we are

## Bosch Sensortec ... a pioneer and global market leader in MEMS



 **MEMS PIONEER**

 **VALUE PROPOSITION**

- ▶ Start of MEMS production in 1995
- ▶ Over 10 billion MEMS sensors produced
- ▶ 100% in-house from MEMS design to manufacturing
  
- ▶ Technology leadership for MEMS solutions: driving technology roadmaps with in-house technologies
- ▶ Global support and systems capabilities
  
- ▶ Supply capability and reliability: capacity, volumes of scale, proven processes, industry's best reliability

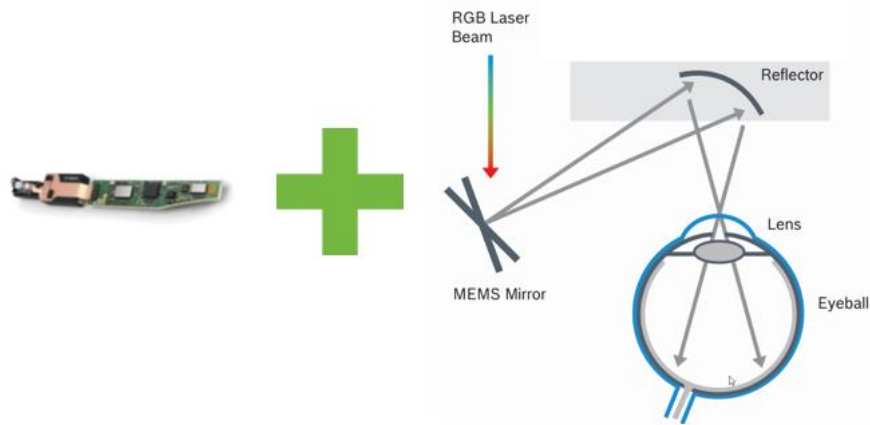
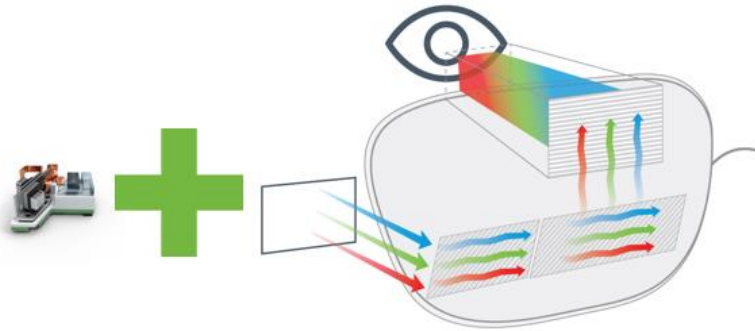






# LBS technology as leading solution short- and long-term

## Bosch Sensortec's light drive – makes your glasses smart



### Life, in-sync

Near-eye information display and assisted reality: navigation, sports, and beyond.



### The Infinite Eyebox - works for everyone

Choose your frames, glasses on, go. It's so easy!



### Outstanding visibility

"Laser Black" infinite contrast, for night opps and beyond.



### Optimized

Lowest power system with highest brightness works perfectly under any lighting conditions.



### Maximum function, minimal size

Stylish glasses people want, all day, all night. Smallest footprint, lightest weight.

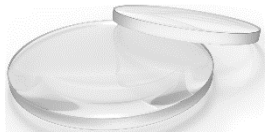
Easy-to-integrate low-power projection module for consumer & industry near-eye displays  
Ideal for Retinal scan and Waveguide applications

# Bosch Light Drive

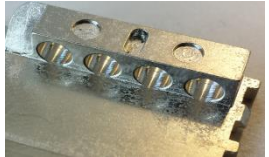
## Bosch Sensortec – very interested in ...



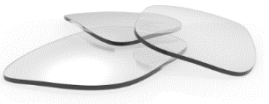
- ▶ Low power laser diodes < 1mW optical output power



- ▶ Fast prototyping of optical components (e.g. freeform, adjustable focus lenses)



- ▶ Materials for projection module carrier (light weight, stiff)



- ▶ Partner for Rx lenses w/ embedded optical combiners (hologram, waveguide)