Using new technologies in the field of mobile devices?
Supporting employees in industry context-based and intelligent support?



# DamokleS 4.0

Dynamic, adaptive and mobile system for context-based and intelligent support of employees in the heavy industry

- ✓ Solutions for the use of mobile devices, even under adverse business conditions
- ✓ Context-based display of information
- ✓ Secure recognition of the respective context
- ✓ Secure and reliable data transmission
- ✓ Context recognition by evaluation of the device sensors or application of imaging methods
- ✓ Examination of legal and social aspects
- ✓ Platform-independent display of the information
- ✓ HTML5 /JavaScript technology
- ✓ Use of new wearables (e. g. augmented reality eyewear)

## Situation
Decisions by employees influence the economic success of a company. The basis for these decisions will increasingly be the provision of production and process data. These data must be provided in a simple, reliable and intuitive way

## Aim of the Project
Development of new scenarios, related processes and new operating concepts to support employees on the basis of new, flexible, adaptive and mobile technologies.

## Progress
Scenarios in the areas working security, production, warehouse management and maintenance were developed and based on them a concept of a microservice architecture was constructed.