

References and cross-links of the scenarios addressed in the presentation:

Automotive industry:

Chaining portals for example automotive supplier in Austria!

- Breakage monitoring (entry)
- Predictive maintenance - Detection of incipient malfunction - Maintenance instructions

<https://www.igus.de/info/harnessed-energy-chain-systems-automotive-supplier>

Container crane:

- Condition monitoring of pull-push force - standard on more than 3,000 cranes in ports and warehouses
- Closely timed - control service management - detection of unusual operating conditions

<https://www.igus.de/info/condition-monitoring-fuer-krane>

Bulk Handling

- Extreme environmental conditions - condition monitoring with online & remote access

<https://www.igus.de/info/smart-plastics-aluminiumoxidproduktion>

Wastewater treatment plants

- Unmanned operation - safe shutdown prevents total crash

Remote access:

<https://www.igus.de/info/smart-plastics-klaerwerk>

Toast packaging machines

<https://www.igus.de/info/smart-plastics-toast-verpackung>

Train wash systems

<https://www.igus.de/info/smart-plastics-zugwaschanlage>

Contact:

Richard Habering

igus@GmbH

Head of Business Unit

Igus@ smart plastics

e-mail: rhabering@igus.net