Digitalization: possibilities and challenges
IMCA Lifting and Rigging Seminar

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IMCA Lifting and Rigging Seminar

What do we want to achieve?

- Maximum “uptime”
- Fast support in case of downtime
How does it work?

Monitor

Predict

Prevent
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How does it work?

Today it should no be the missing amount of data

- Sensors
- Parameters
- Actual machine behaviour
- Driver interaction

- Maintenance schedules
- Information about replaced parts
- ..and more labeled data
Digitalization in our daily live
How does it work?
Possibilities … e.g.

- Self learning systems like smartgrip, AHC
- Fleet maintenance planning
- Automated service information
- Online monitoring
- Predictive maintenance
- Lifetime calculation
- … and much more

Build in logic automatically adopts itself to other material
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Possibilities … e.g. (Video)
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... and the „offshore“ challenges

Data Transmission via GSM, GPRS, W-LAN*
Thank you for your kind attention!
NOTE

If you have any:

- questions regarding Lidat smartApp or
- require information regarding Lidat or
- if you have feedback on additional ideas for Lidat

→ Please contact Mr. Guenter Berthold (guenter.berthold@liebherr.com)

If you want to address a question directly to the lecturer:
→ Please contact Mr. Martin Mathis (martin.mathis@liebherr.com)