SAP IoT

Connecting Things with People and Processes

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SAP BeLux

October 2017

SAP Run Simple

adm SHARE & CONNECT

Device - Charlie

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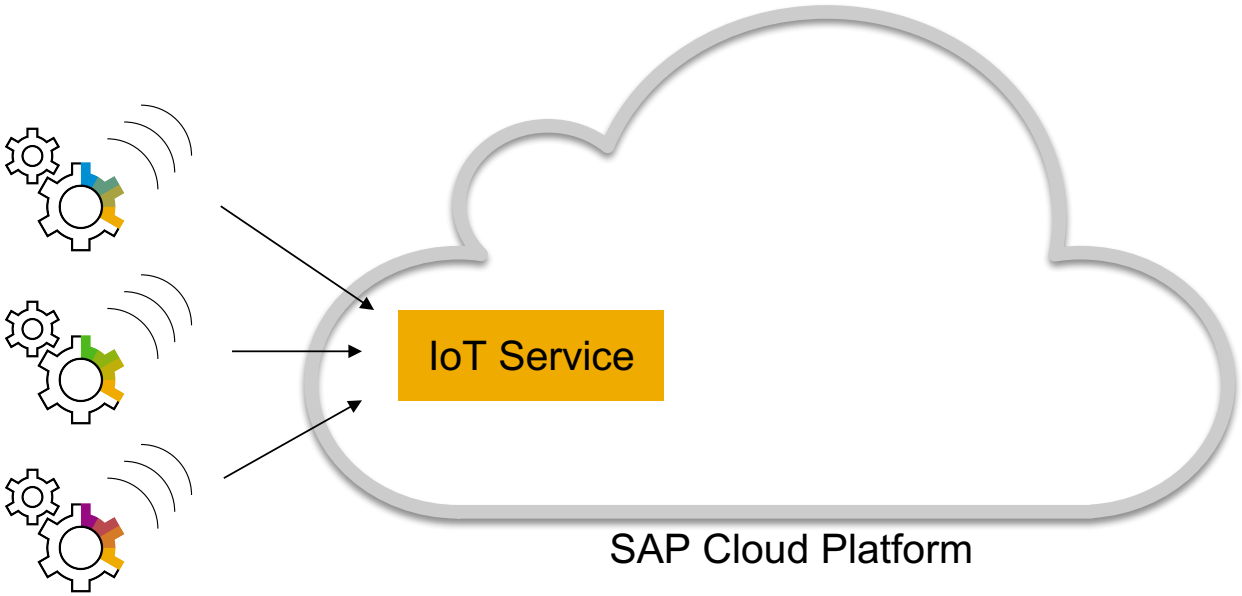
Connectivity



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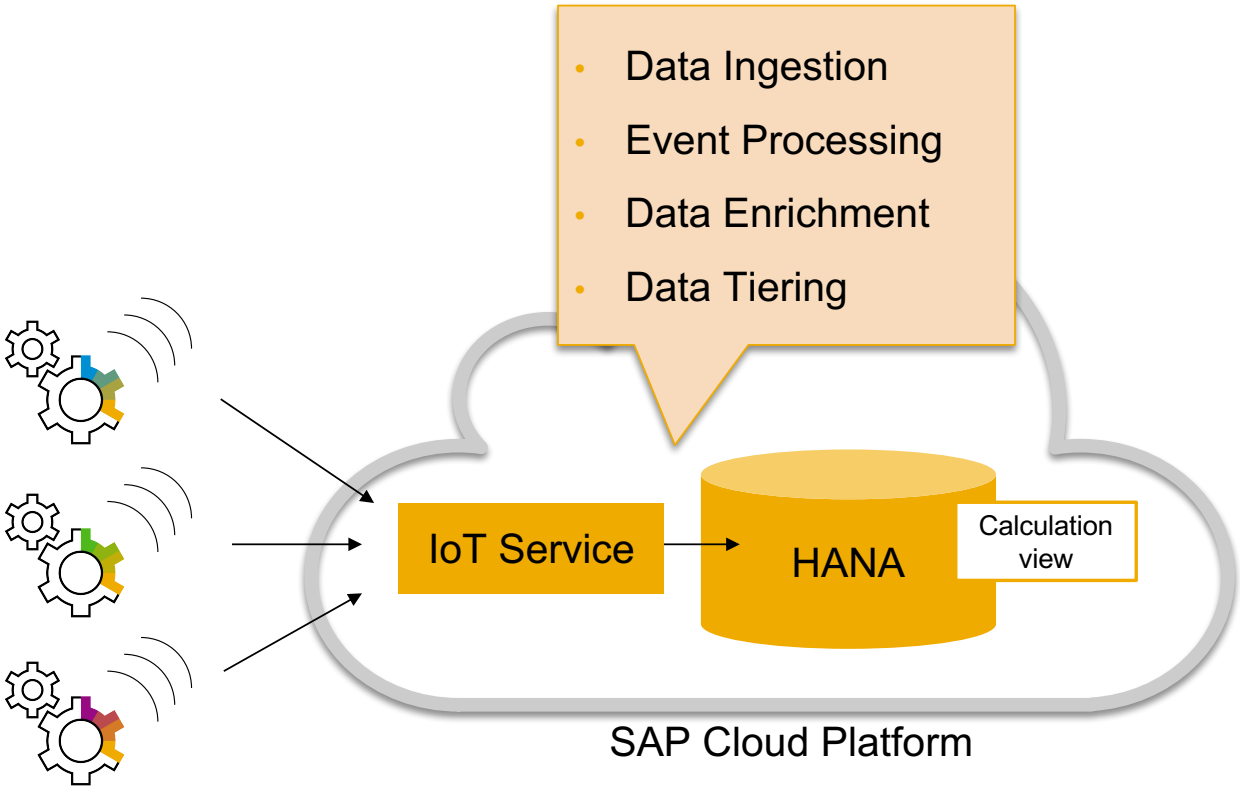
Data Storage/Processing



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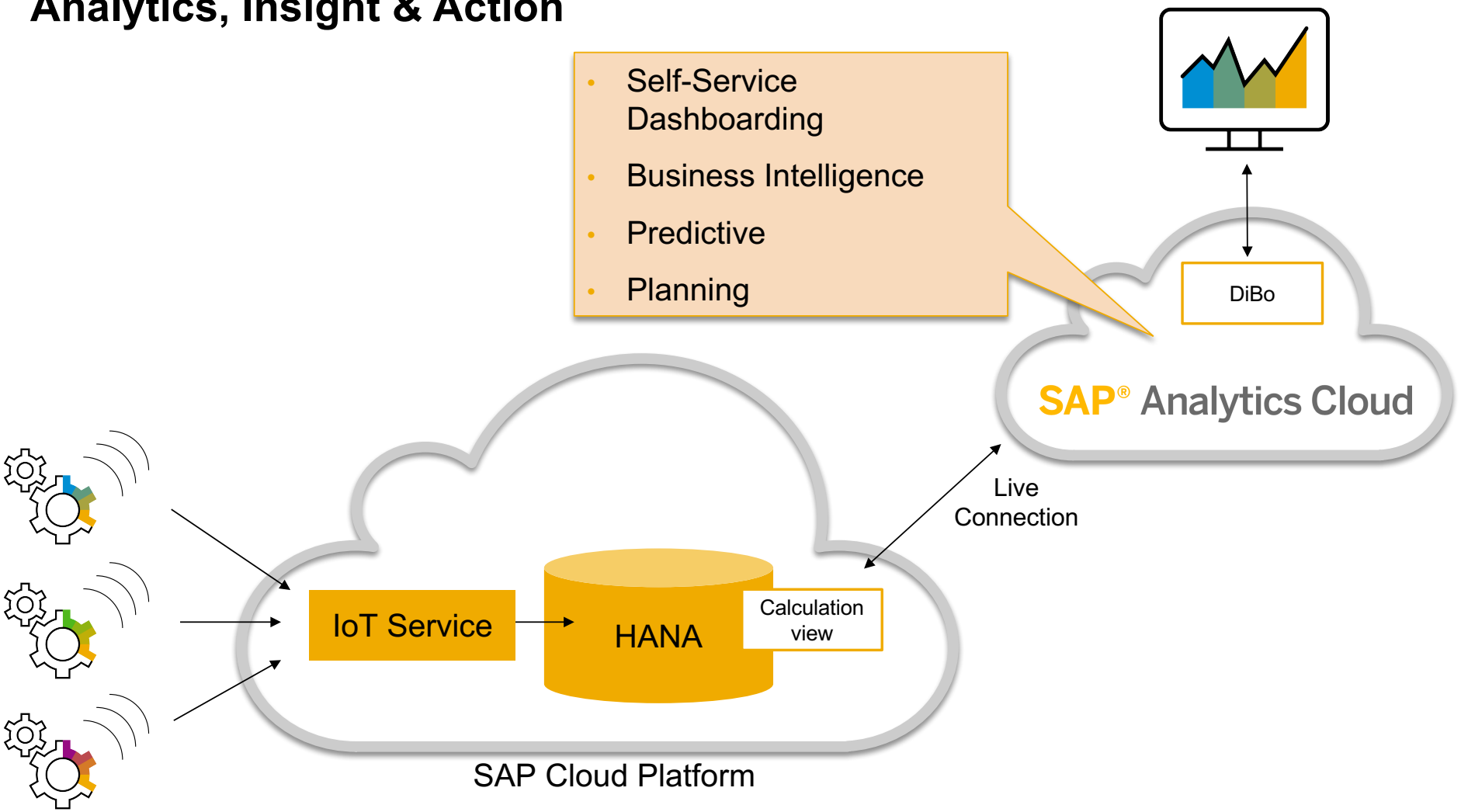
Analytics, Insight & Action



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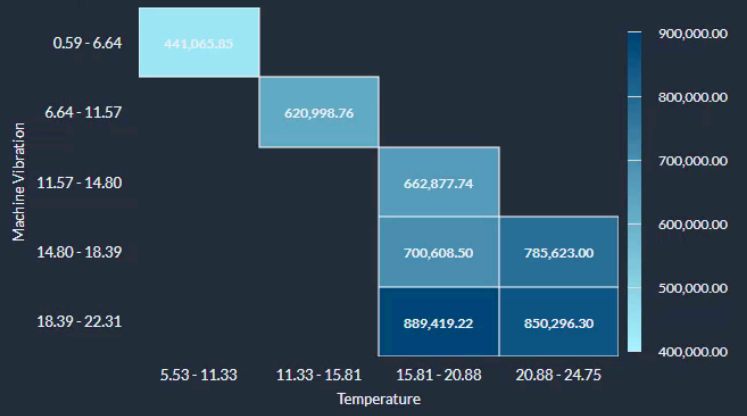
Manufacturing Overview | Predictive Maintenance | Factory Information

Breakdown Probability

What influences Breakdown Probability?

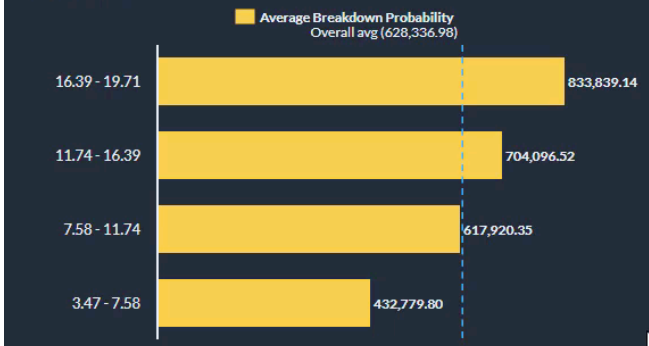
Breakdown Probability (Avg) per Temperature, Machine Vibration

in probability



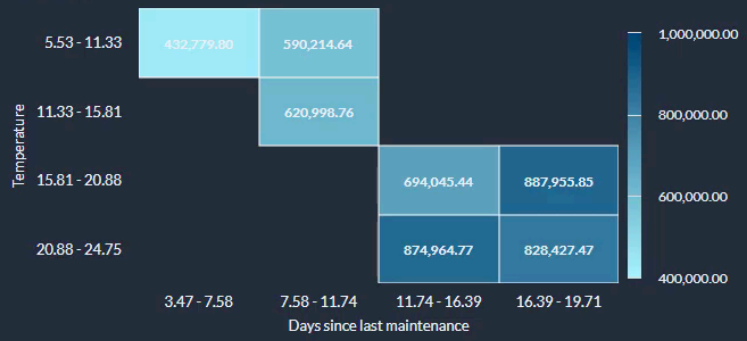
Breakdown Probability (Avg) per Days since last maintenance

in probability



Breakdown Probability (Avg) per Days since last maintenance, Temperature

in probability



Brussels Soft Candy

Machine Intensity
Candy Machine #1
66%

Machine Status
Candy Machine #1
okay

Production
Candy Machine #1
7
Candy

Production
Previous minute

Incorrect units
Candy Machine #1
! 2
Candy

Incorrect units
Previous minute

Electricity usage
Previous minute

Acceleration
Previous minute

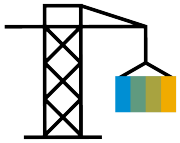
Temperature
Candy Machine #1
27.3
° Celcius

Temperature
Previous minute

Humidity
Candy Machine #1
11.4
%

Humidity
Previous minute

2 Use Cases



Connected

INFRASTRUCTURE

Connected

FLEET

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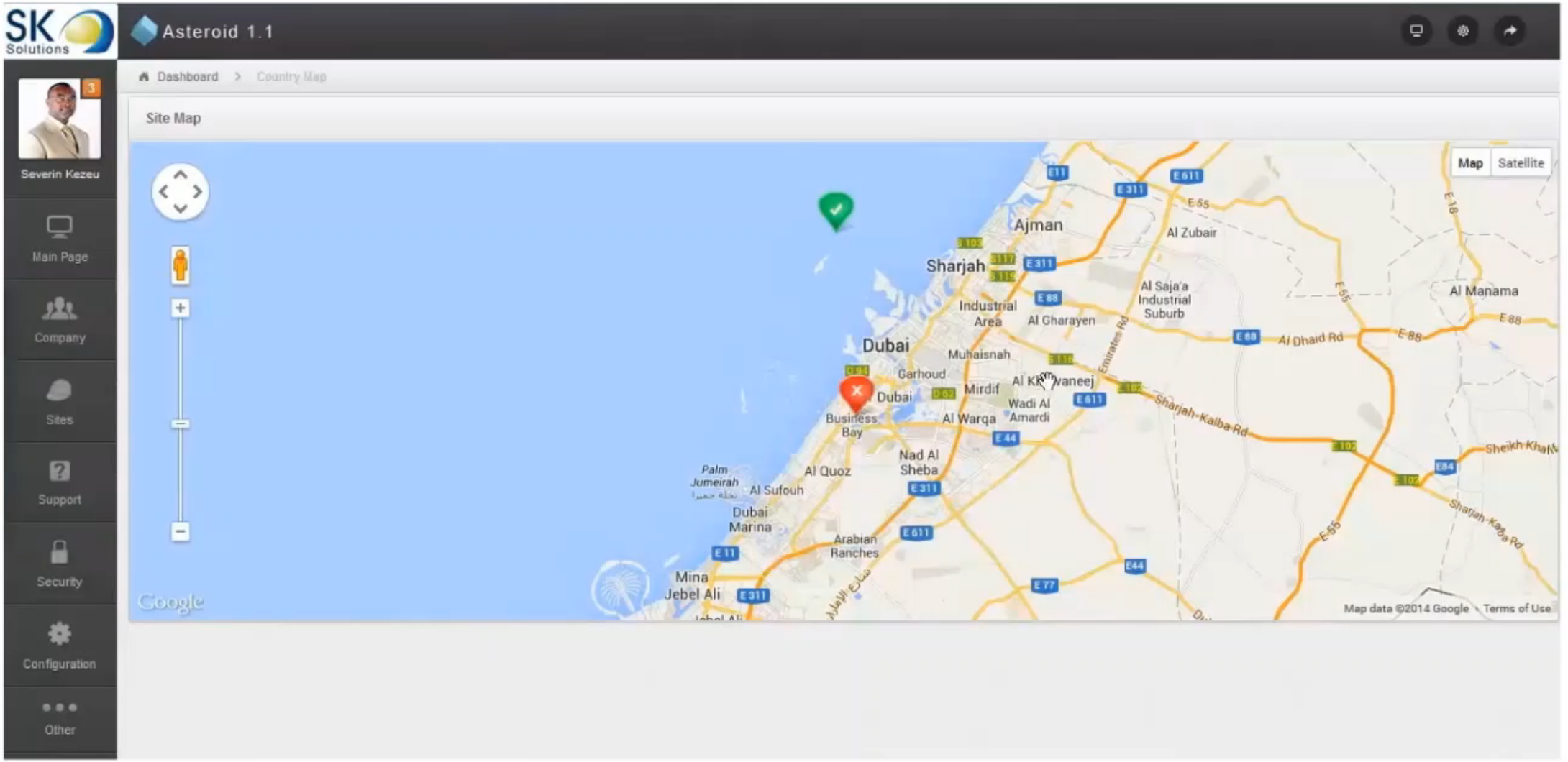
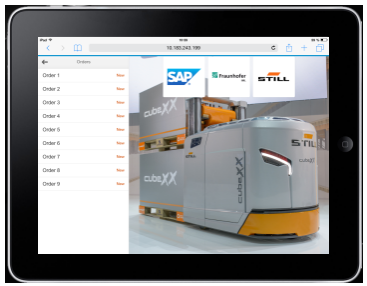
Connected Infrastructure



Asteroid Map Color-Coded Assets | Automatic Alerts | Easy Navigation

Connected Fleet

Future of adaptive logistics



SAP Cloud Platform

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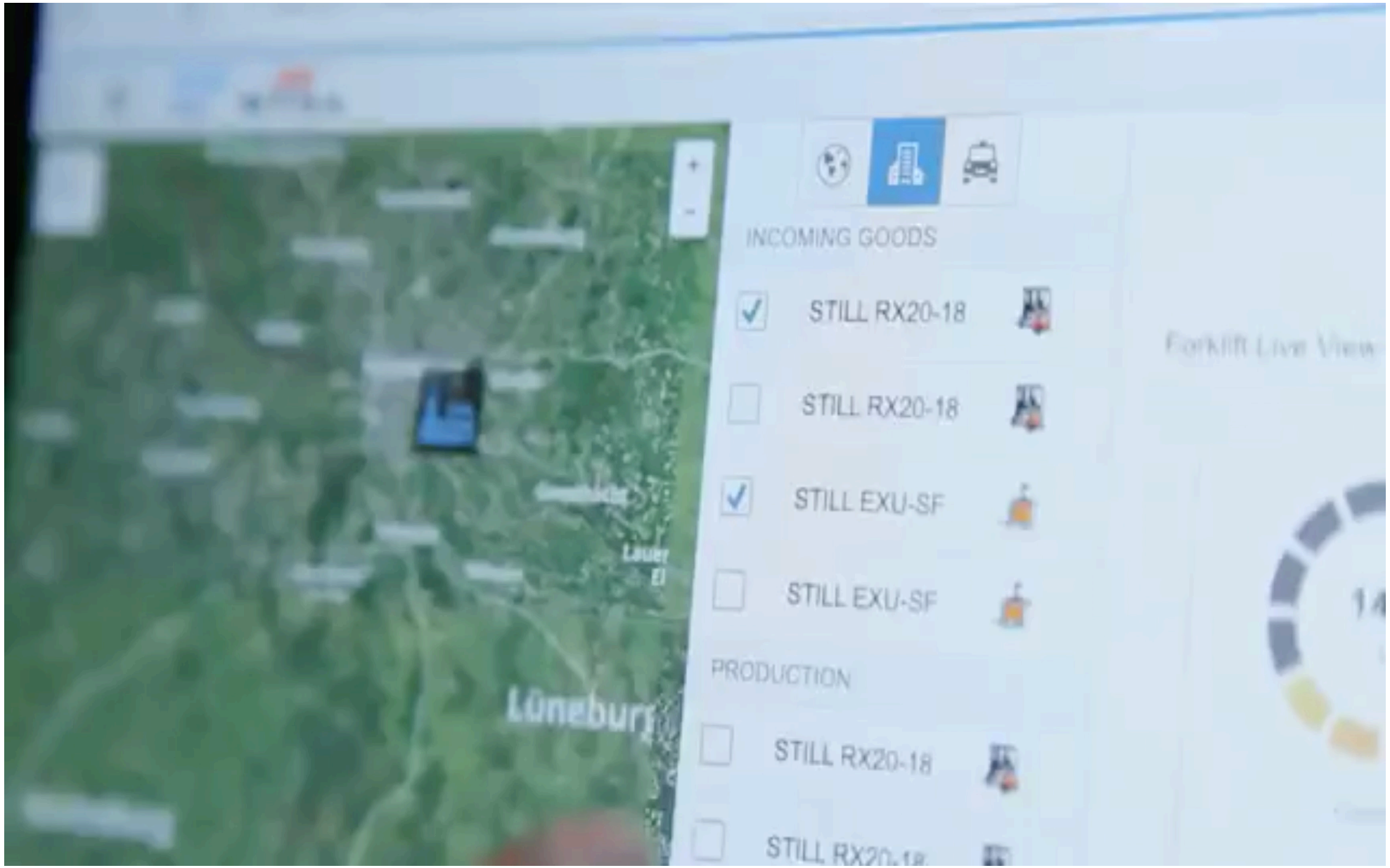
INCOMING GOODS
STILL RX20-18
STILL RX20-18
STILL EXU-SF
STILL EXU-SF
PRODUCTION
STILL RX20-18
STILL RX20-18
Lüneburg

Thank you.

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