

DR.-ING. STEFAN AßMANN



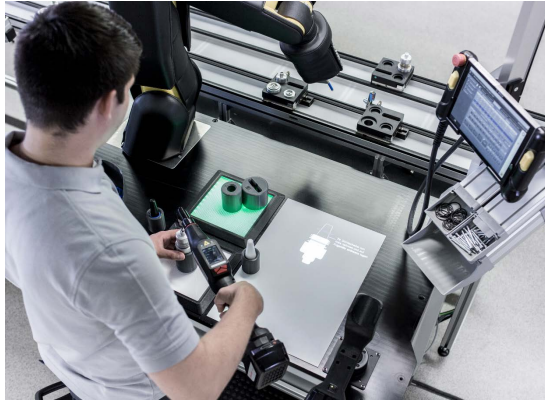
Bosch-Definition for Industry 4.0

Our Seven Features



We Shape Industry 4.0

i4.0 Feature: People as Key Players



People play the decisive role in the connected plant

- Decisions based on contextual digital information
- Mastering complexity through new ways of visualization and operation



New ways of learning

- Individual integration of the employee in the work process
- Assistance functions and ability amplifier for people
- Health and well-being through adaptive workplace ergonomics

Bosch Dual Strategy and Strength for Industry 4.0



Industry 4.0 @ Bosch

Systematic Approach to Implement i4.0 in all Bosch Plants



Dual Strategy for Connected Industries

Example: Bosch Energy Platform

40%
cost reduction for
compressed air
in Blaichach
plant



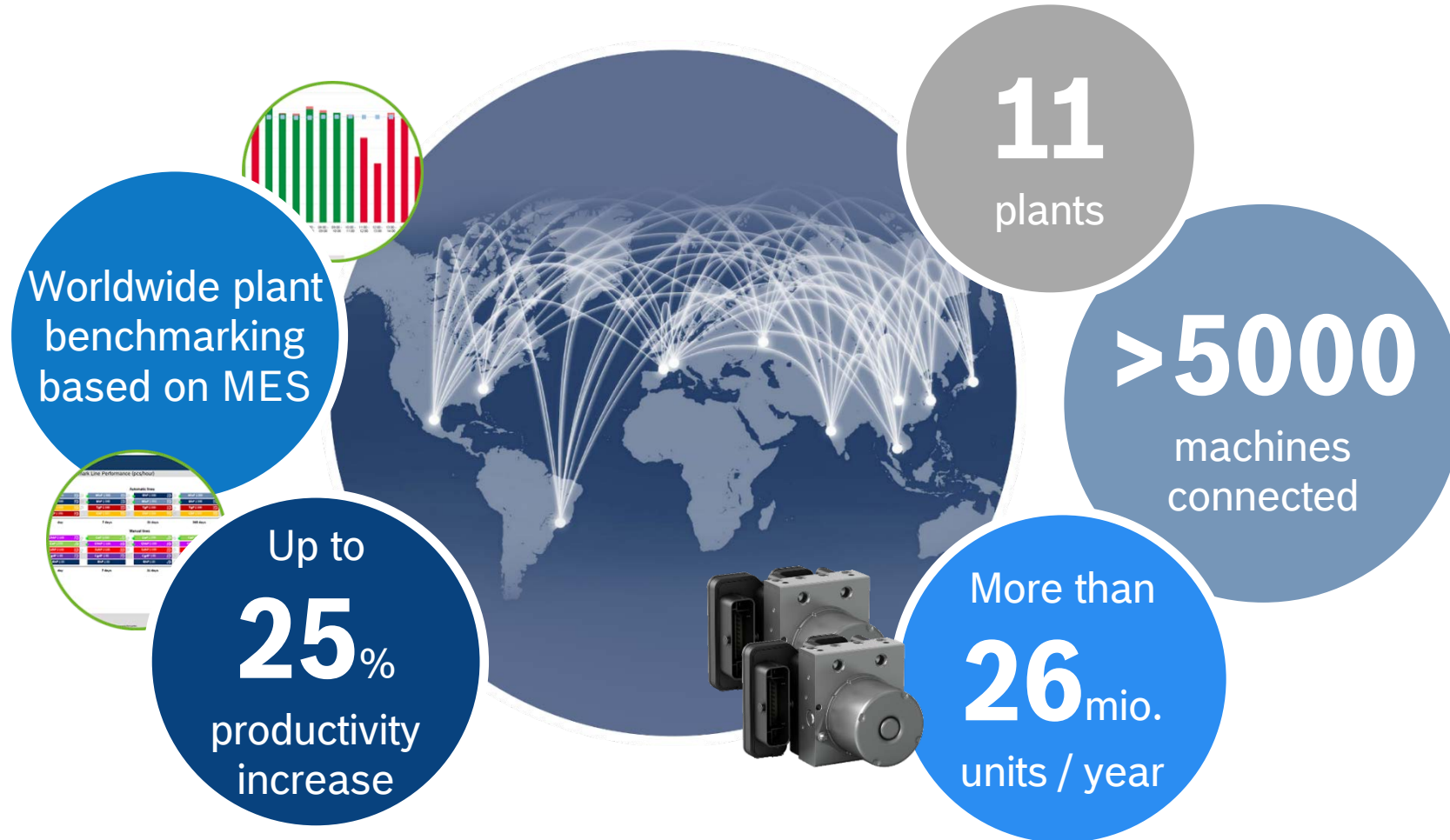
Reduction of
energy consumption
1.65 Mio. EUR
p.a. in Homburg
plant

Improved
resource
efficiency with
condition-based
maintenance

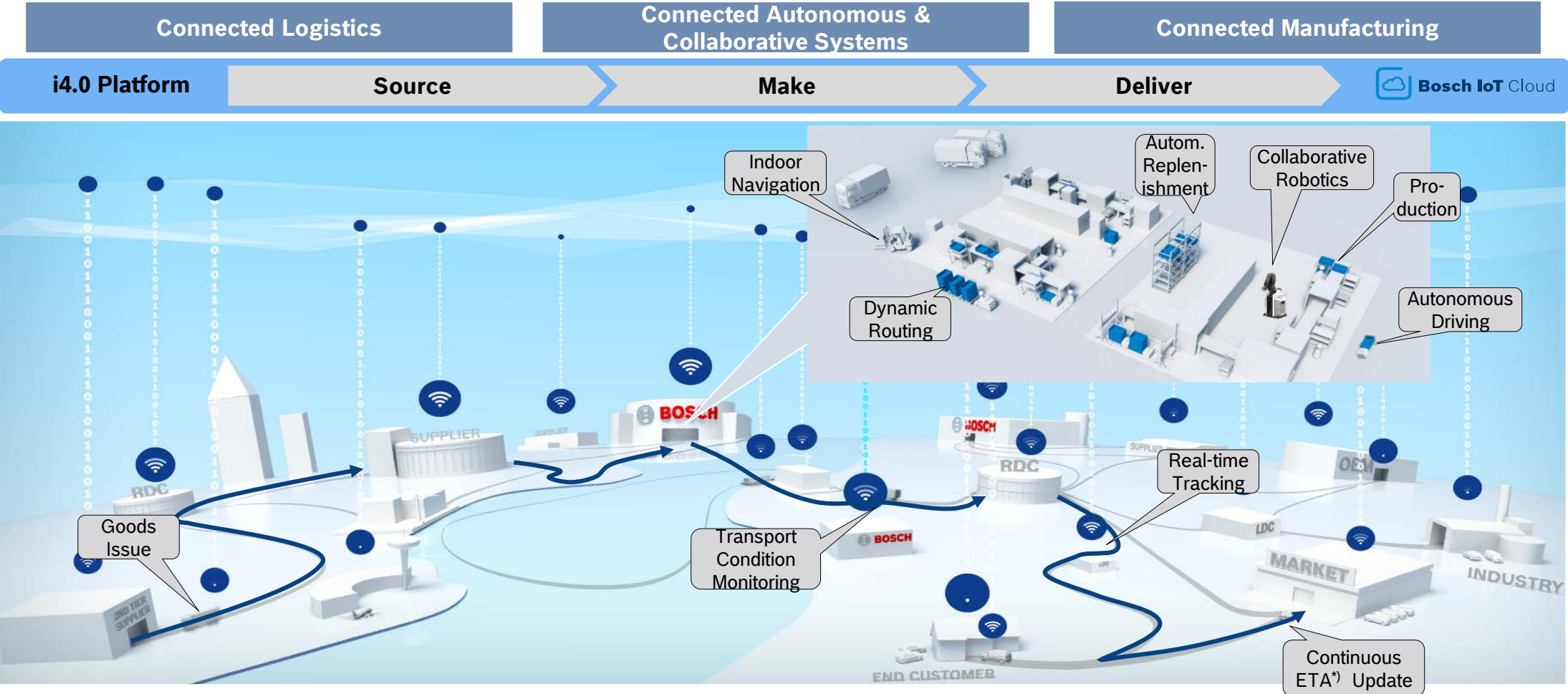


Productivity Improvement by Industry 4.0

Example: Global ABS / ESP Production



Bosch Ambition and Industry 4.0 Offering Connected & Integrated Solutions along the Entire Value Stream



Connected Logistics

ExtraLogistics

Track & Trace

Higher quality,
reduced testing
costs



Transparent Value Stream

Keep track of position and
condition of your goods

Early detection of
quality-reducing risks



IntraLogistics and Manufacturing



Collision
Prevention

Indoor Location
Tracking

Smart
Replenishment
Service

T14



IntraLogistics and Manufacturing



Cloud & Data Analytics

Production Performance Manager

Energy Management

Predictive Maintenance

APAS assistants

Maintenance Support System



IntraLogistics and Manufacturing



Production Performance Manager



Bosch Connected Industry

Bosch i4.0 Solutions at External Customers – Example OSRAM



We Shape Industry 4.0

Close Collaboration with Strong Partners - extract



BOSCH



IBM Bluemix



...



A composite image of Earth from space, showing the curvature of the planet and the glowing yellow lights of cities at night. Overlaid on the image are several bright blue lines that intersect at a central point, forming a network that spans across the globe, symbolizing global connectivity and technology.

**Let's shape the Future with
Industry 4.0 ...**

... and its **PEOPLE** as **KEY PLAYERS** that make it happen!

Bosch Industry 4.0



Visit us at:

Hall 7, Booth C26

