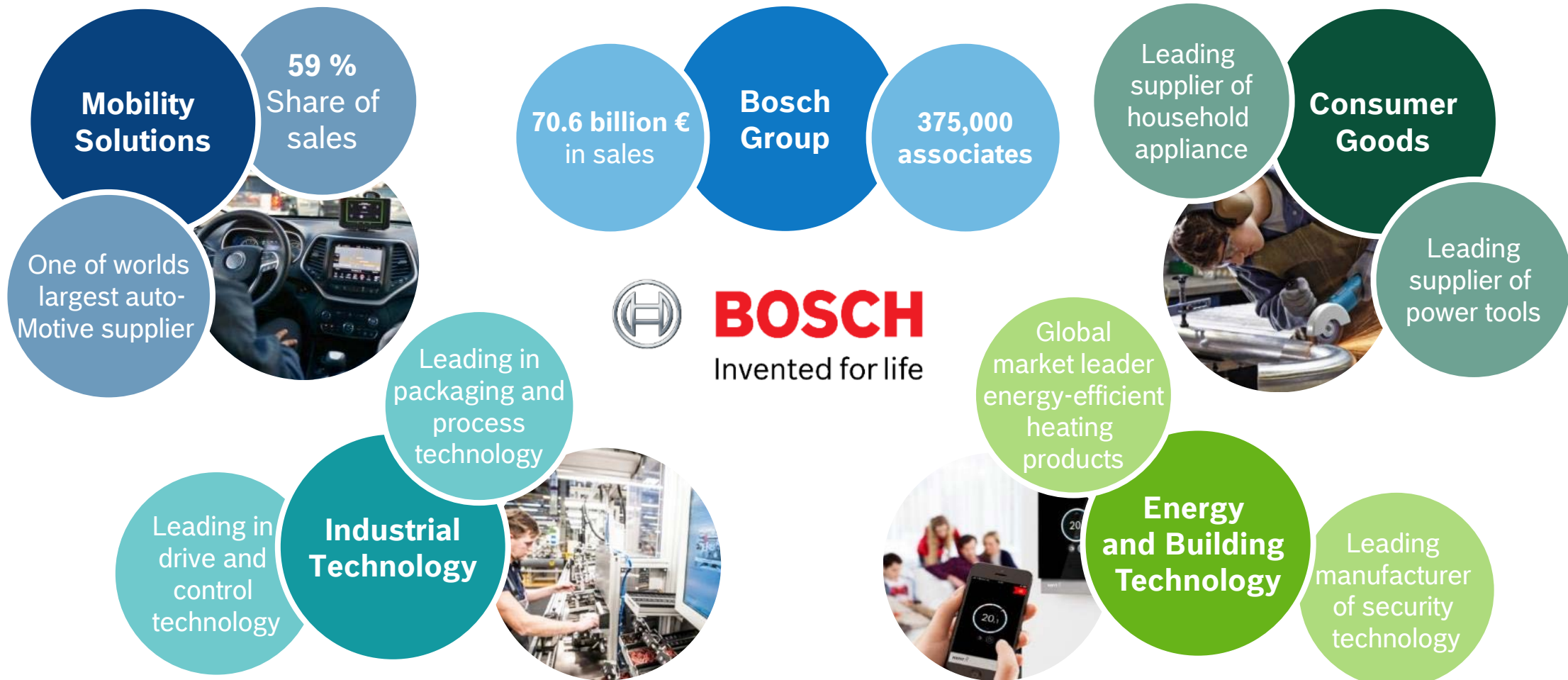


INDUSTRY 4.0 LIVE AT BOSCH

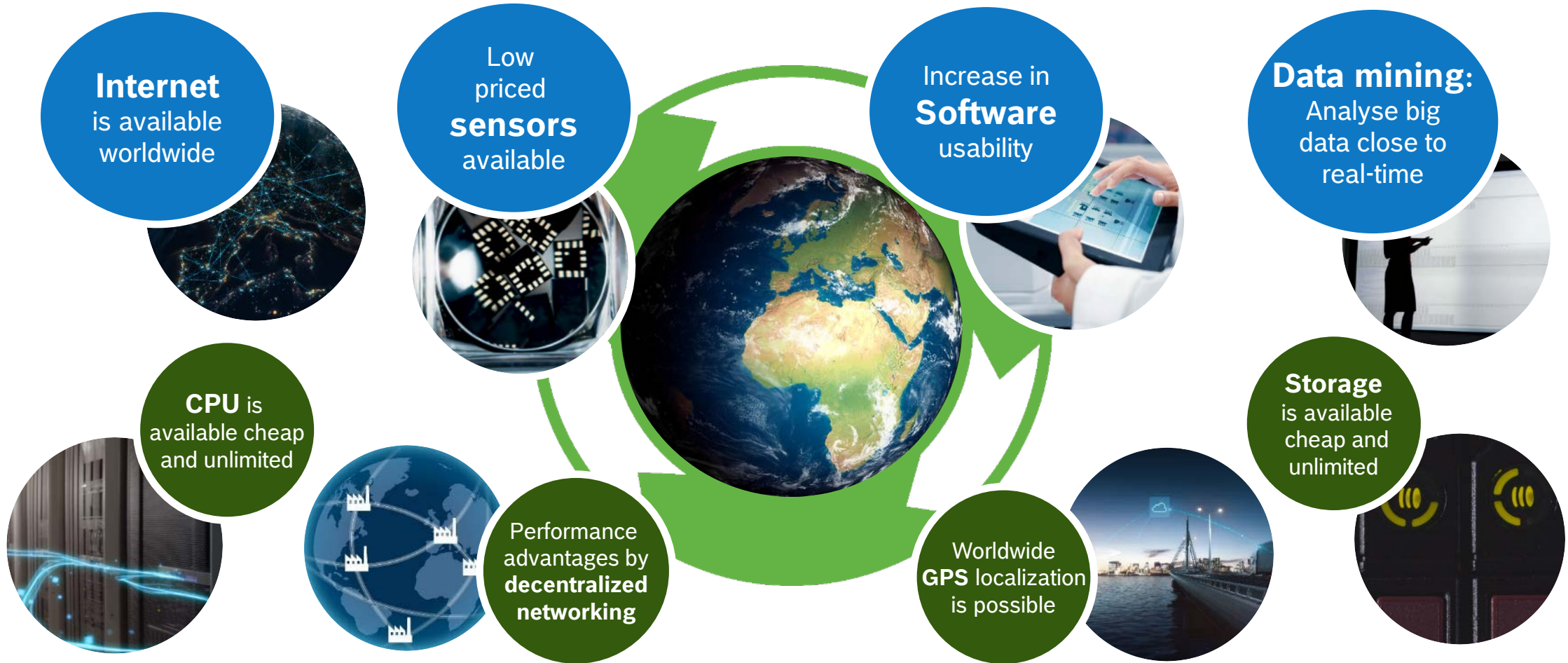


The Bosch Group – Key Figures 2015



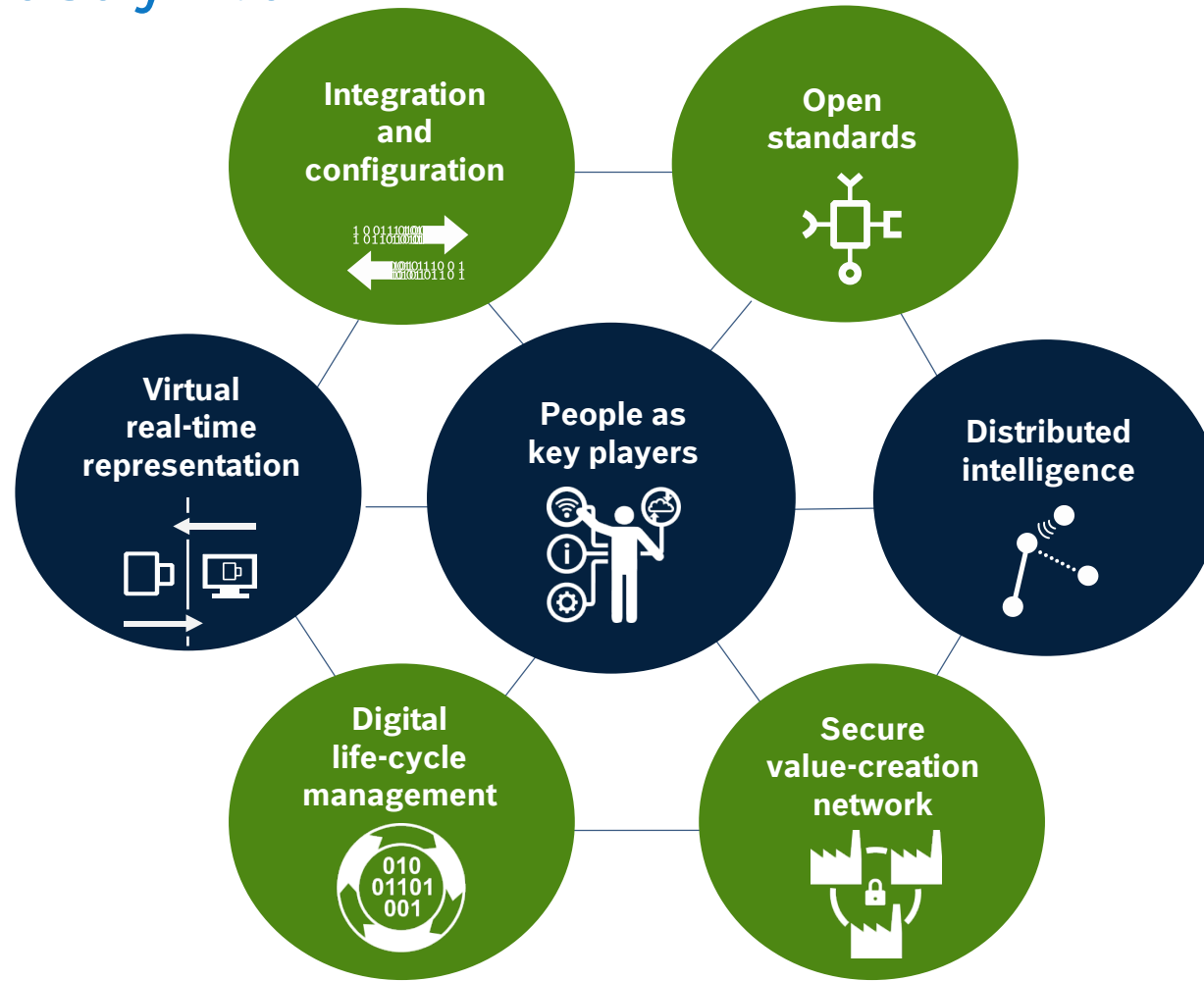
Industry 4.0 live at Bosch

Important changes in recent years



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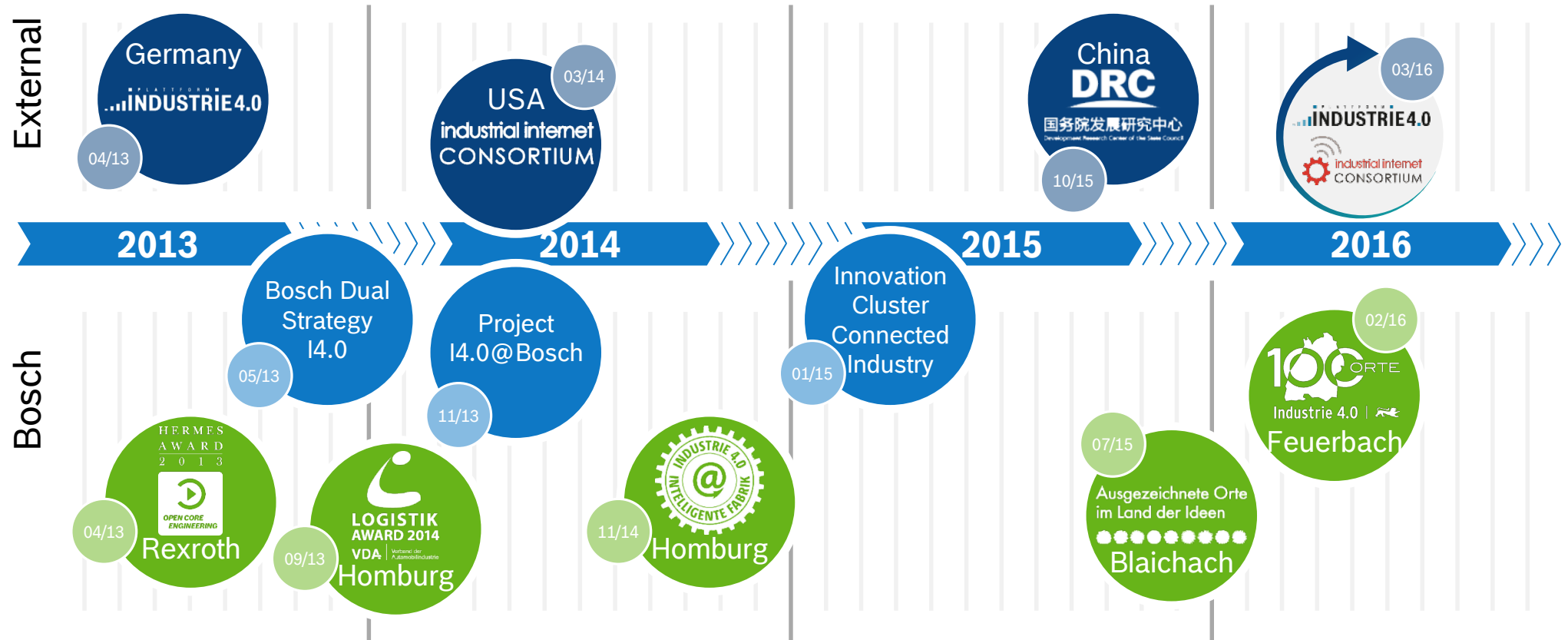
Features of Industry 4.0





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i4.0 our journey and achievements



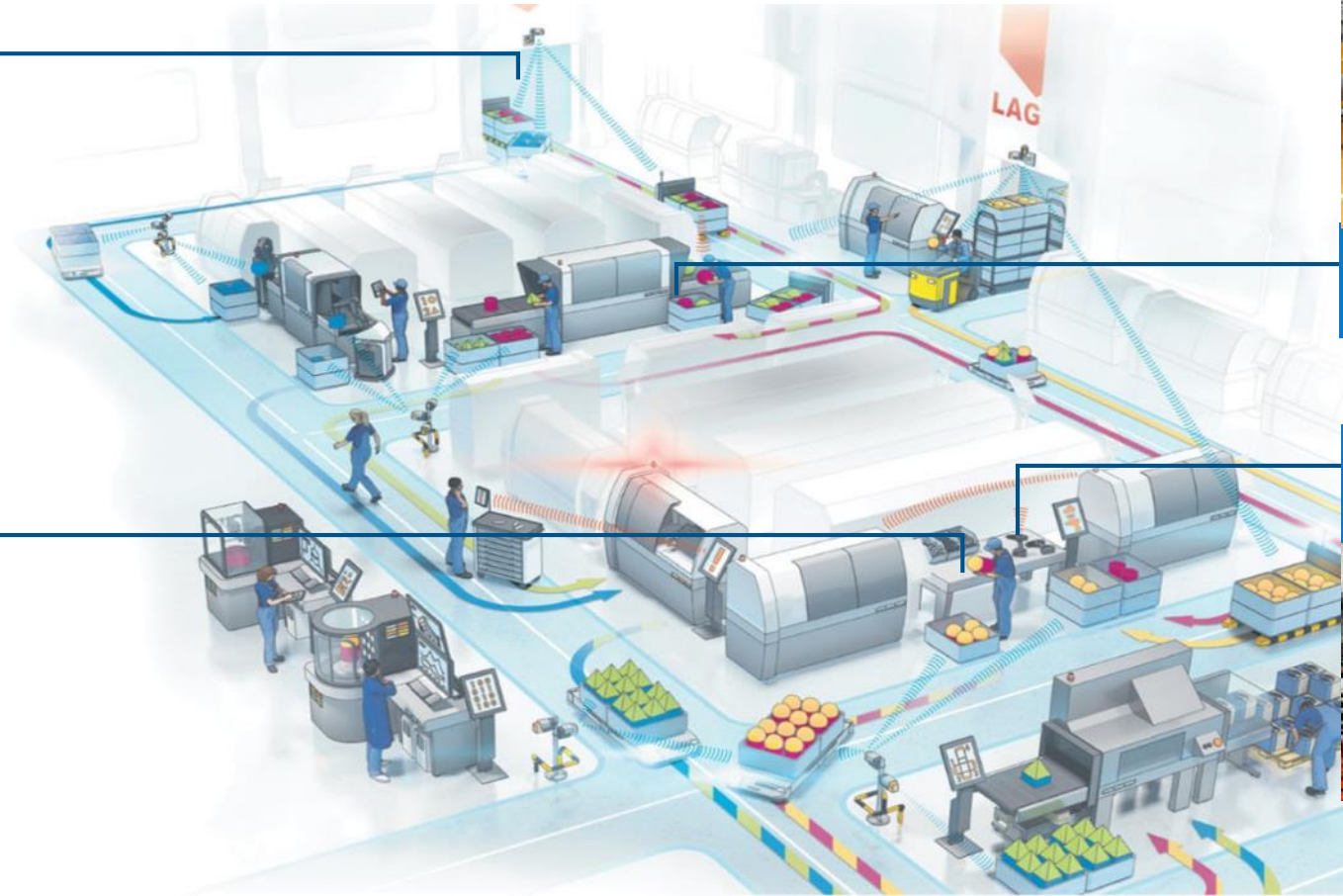
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The shop floor: Connected and Flexible

RFID technology



Predictive Maintenance



Multi Product Line

“Nexo” Smart Tightening



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The shop floor: Connected and Flexible

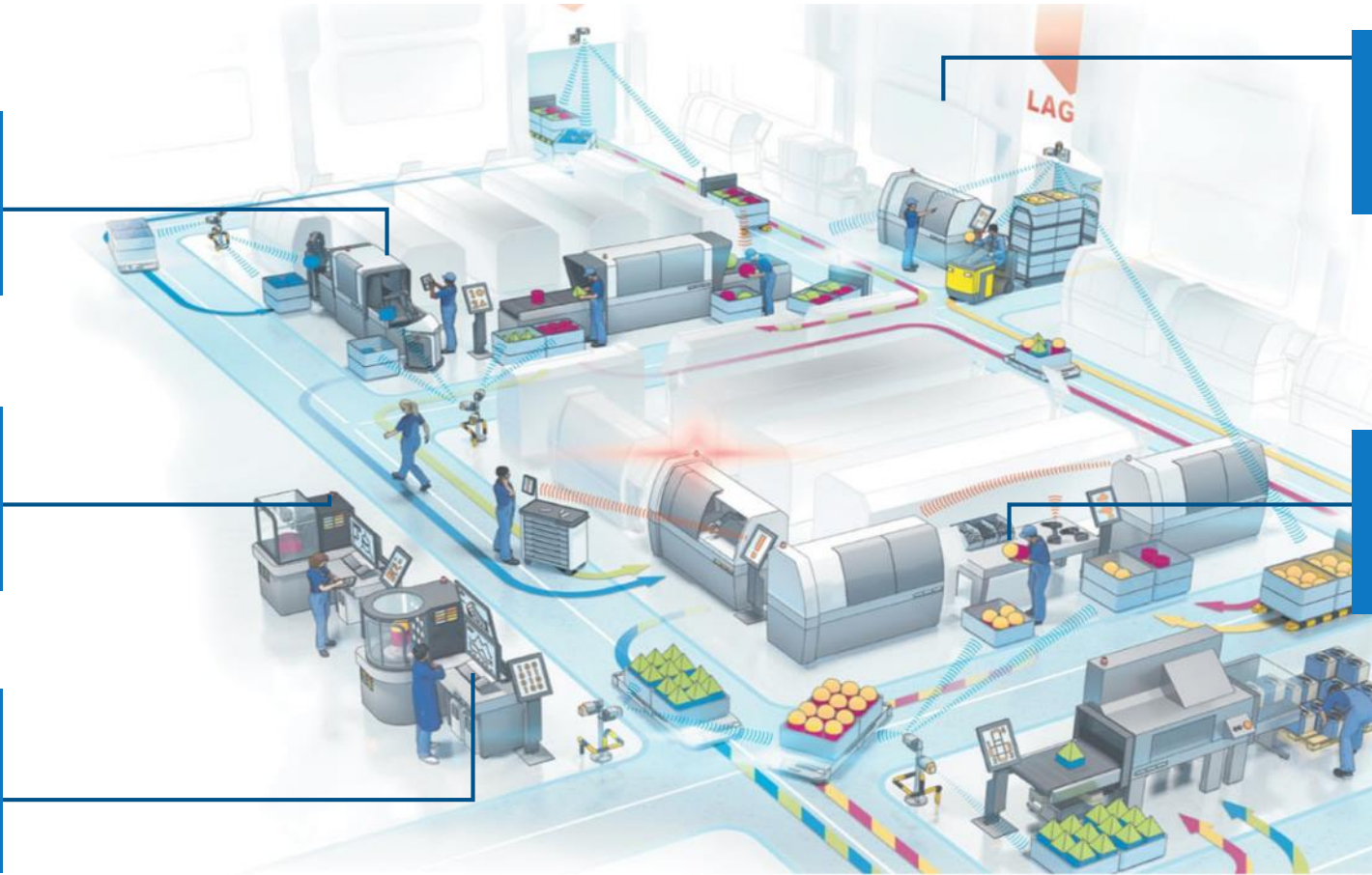
APAS Family

**Manufacturing
Analytics Tools
& Services**

Active Cockpit

**Production
Rules
Configurator**

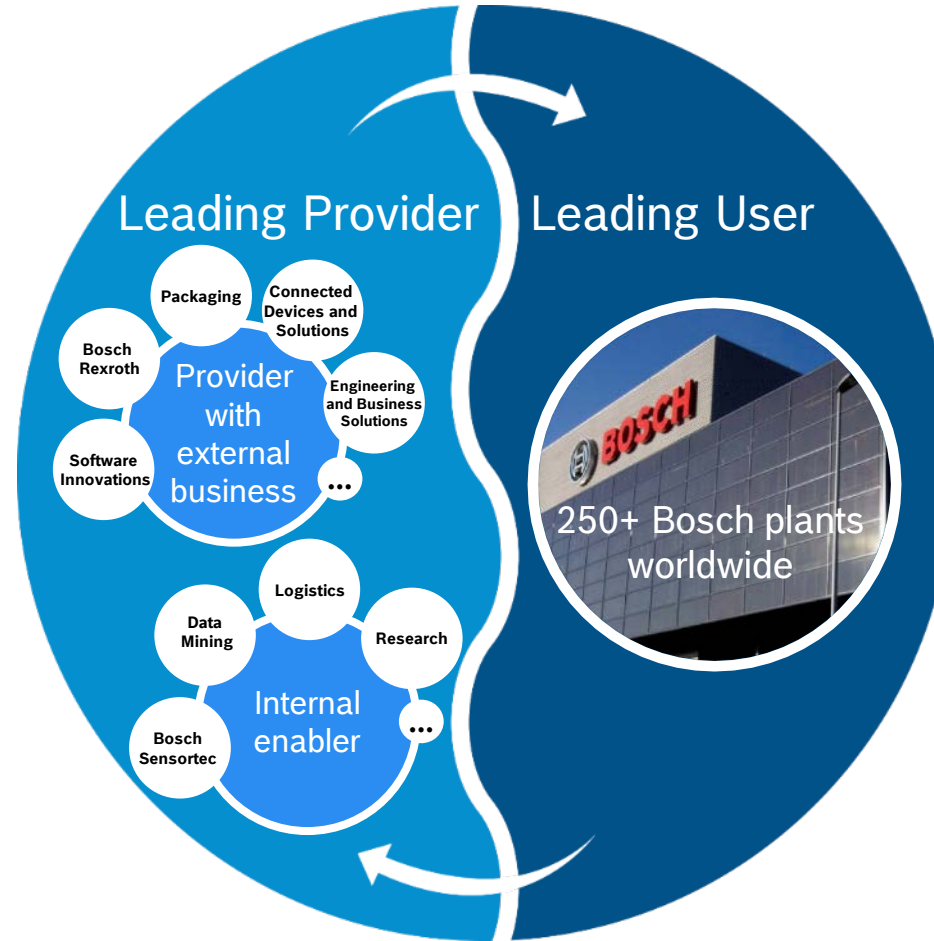
Energy Platform





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Dual strategy for Connected Industry



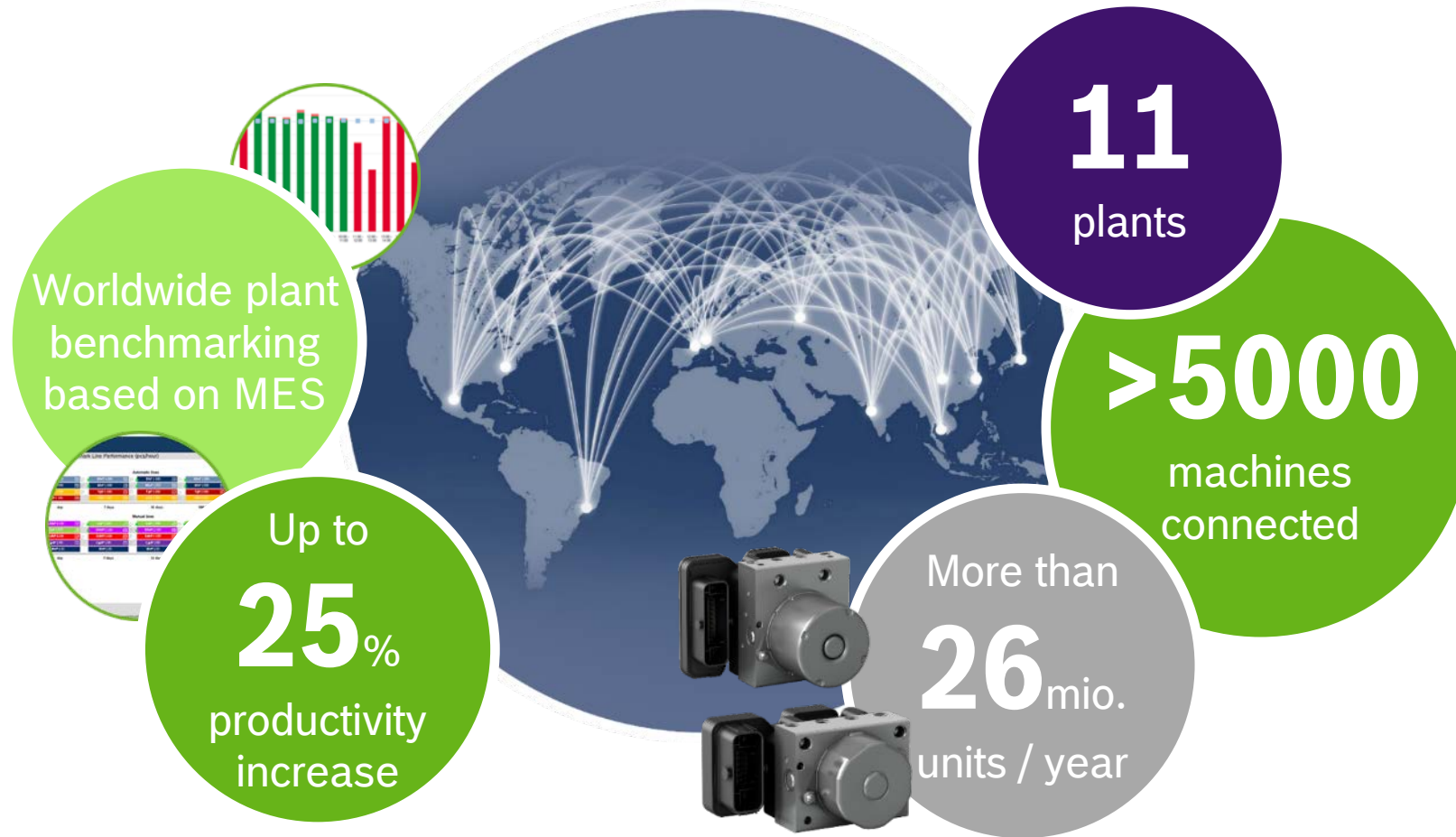
Leading user- Implementation roadmap



IPN = International Production Network

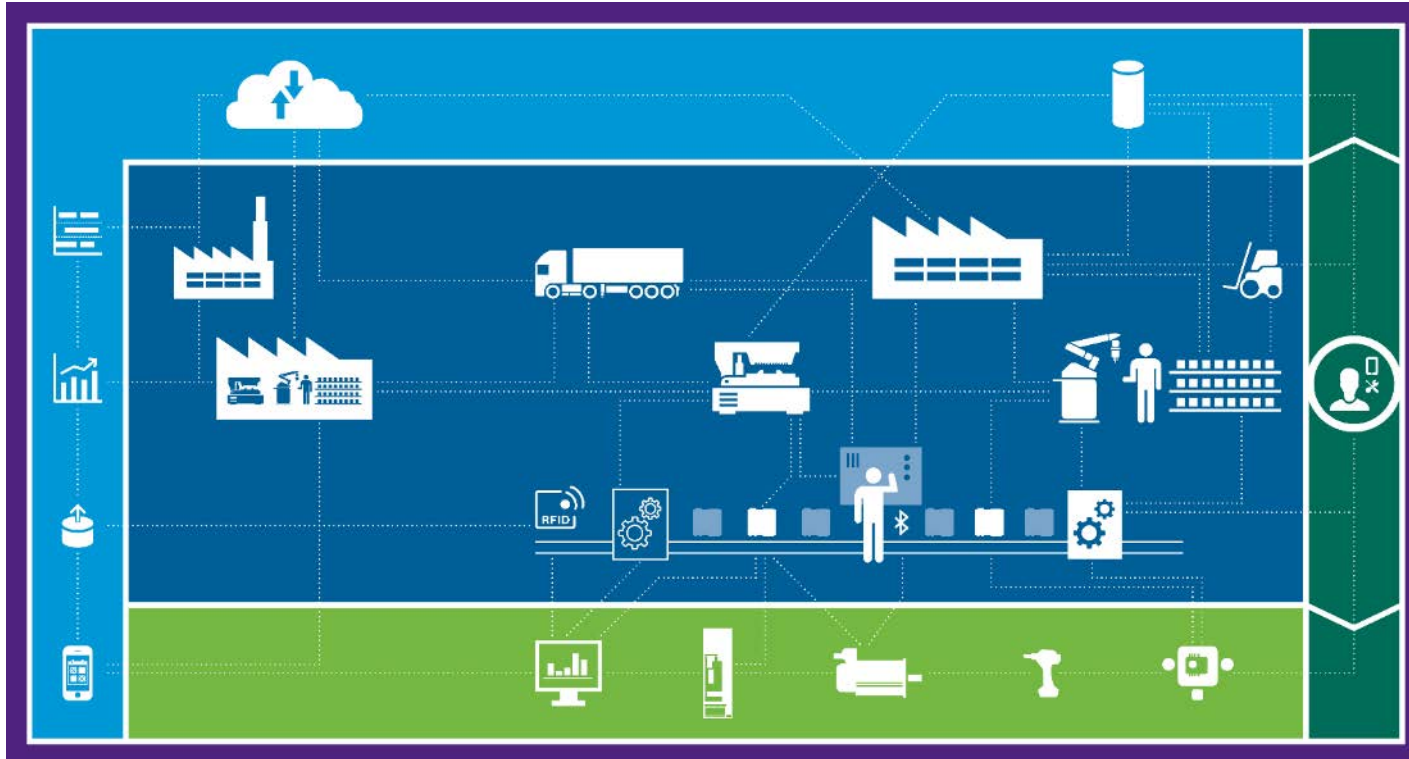
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Leading User- i4.0 in an IPN – example ABS / ESP



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Leading Provider- Our portfolio for your future



- Software Solutions**
The element that links all modules and subsystems along the value stream with people and third-party systems.
- Logistics and Manufacturing**
Solutions that connect machines and whole manufacturing lines to value-creation networks.
- Field Level Equipment**
Components, modules and systems that enable the integration of equipment into networked i4.0 environments.
- Services and Consulting**
A broad range of services and consulting including collaborative projects to test new business models.
- Solution Sets**
Customer-specific combination of Bosch i4.0 components and systems resulting in an integrated solution.

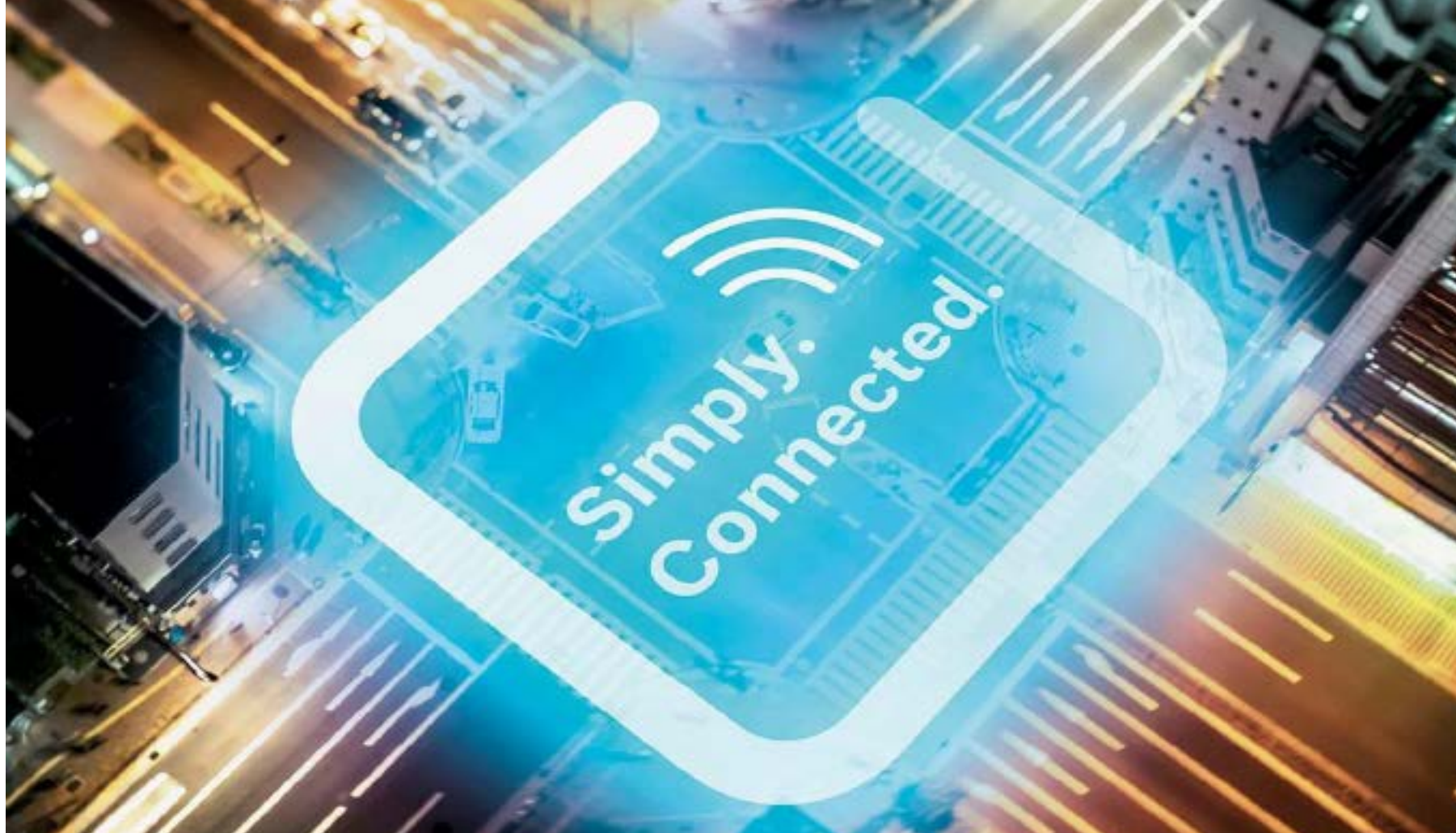
Connected Industry: orchestrated involvement of all actors



Industry 4.0 live at Bosch

Summary

- ✓ I4.0 is not some far-off vision
- ✓ I4.0 is already live at Bosch
- ✓ Bosch is a leader for I4.0 solutions with vast experience as a I4.0 user
- ✓ I4.0 saves cost, improves quality and increases flexibility
- ✓ Industry 4.0 is about people and partnership



Connect, Cooperate, Co-Create