

Mehr Vernetzung: Steigt die Produktivität?

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Why having your assets connected?



Connect

things to the
Network



Collect

data through
the Network



Analyze

data retrieved
from the Network



Act

on decisions through
the Network

**Increased Network
availability**

**High Quality Data
is a key asset**

Enable M2M interactions

Customer value is generated by transforming real-time data into business value

Cellular connectivity is fundamental to digitalization of your production



Digitalization

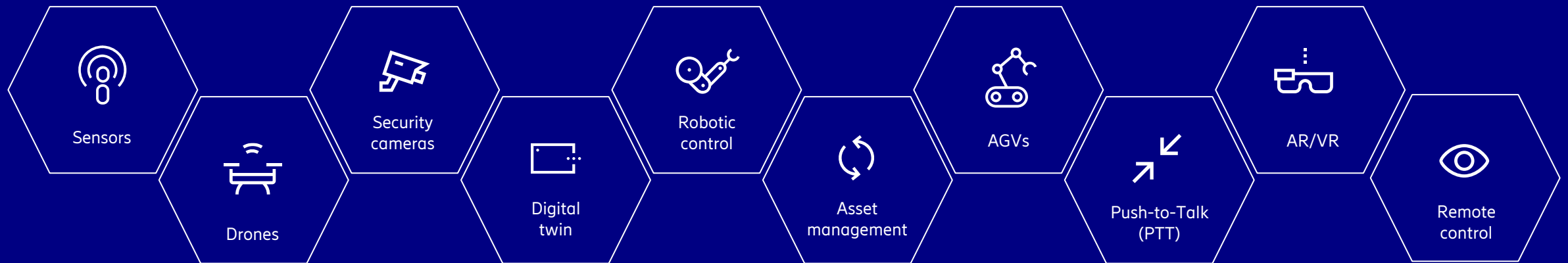
Implement new use cases by integrating wireless sensors, cameras, and drones, as input to digital models and AI analytics

Automation

Take full advantage of industrial control, automation, and remote control throughout the production process

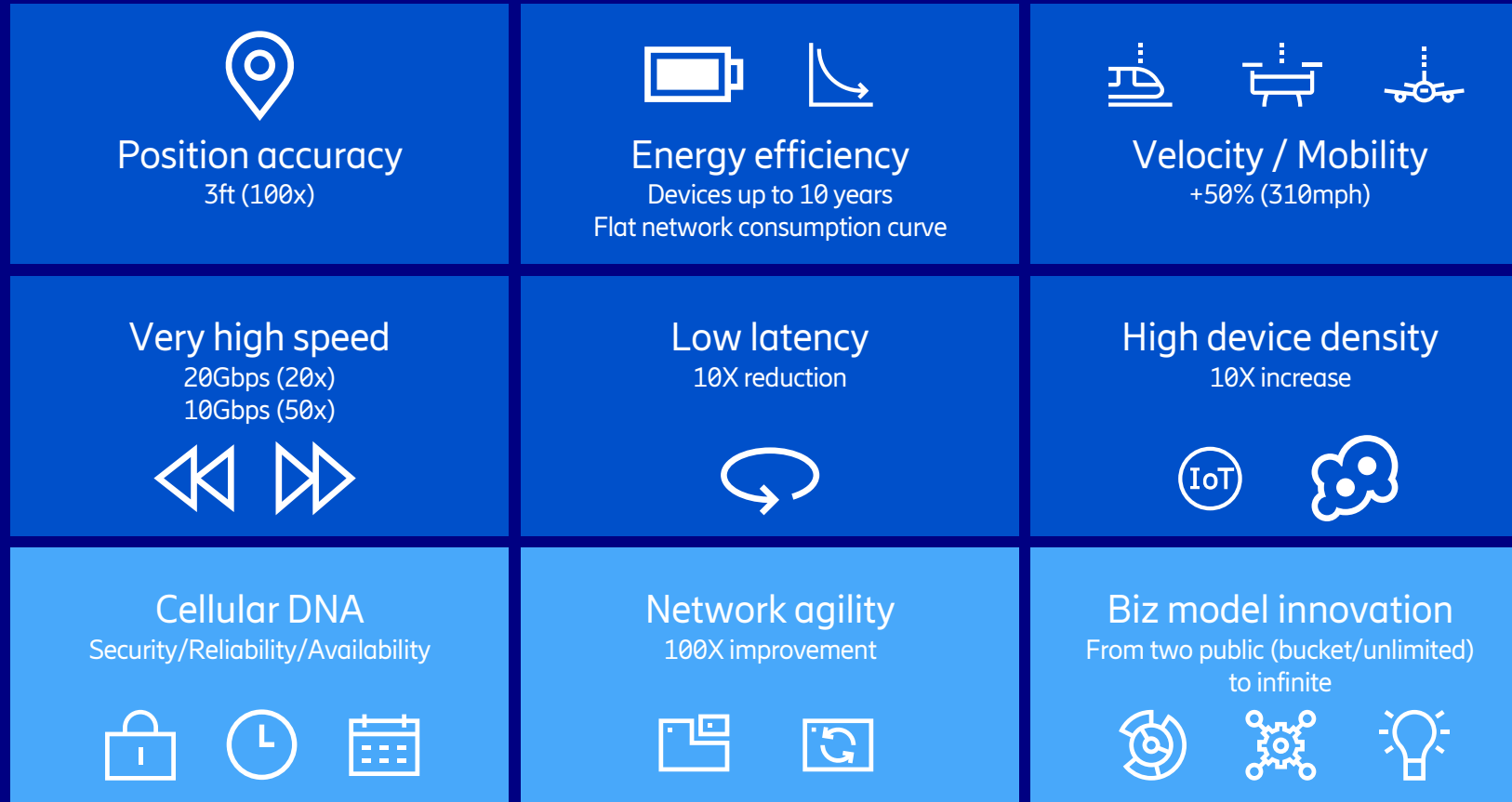
Connected workers

Boost worker capabilities with XR immersive reality, location awareness for safety and machine interaction



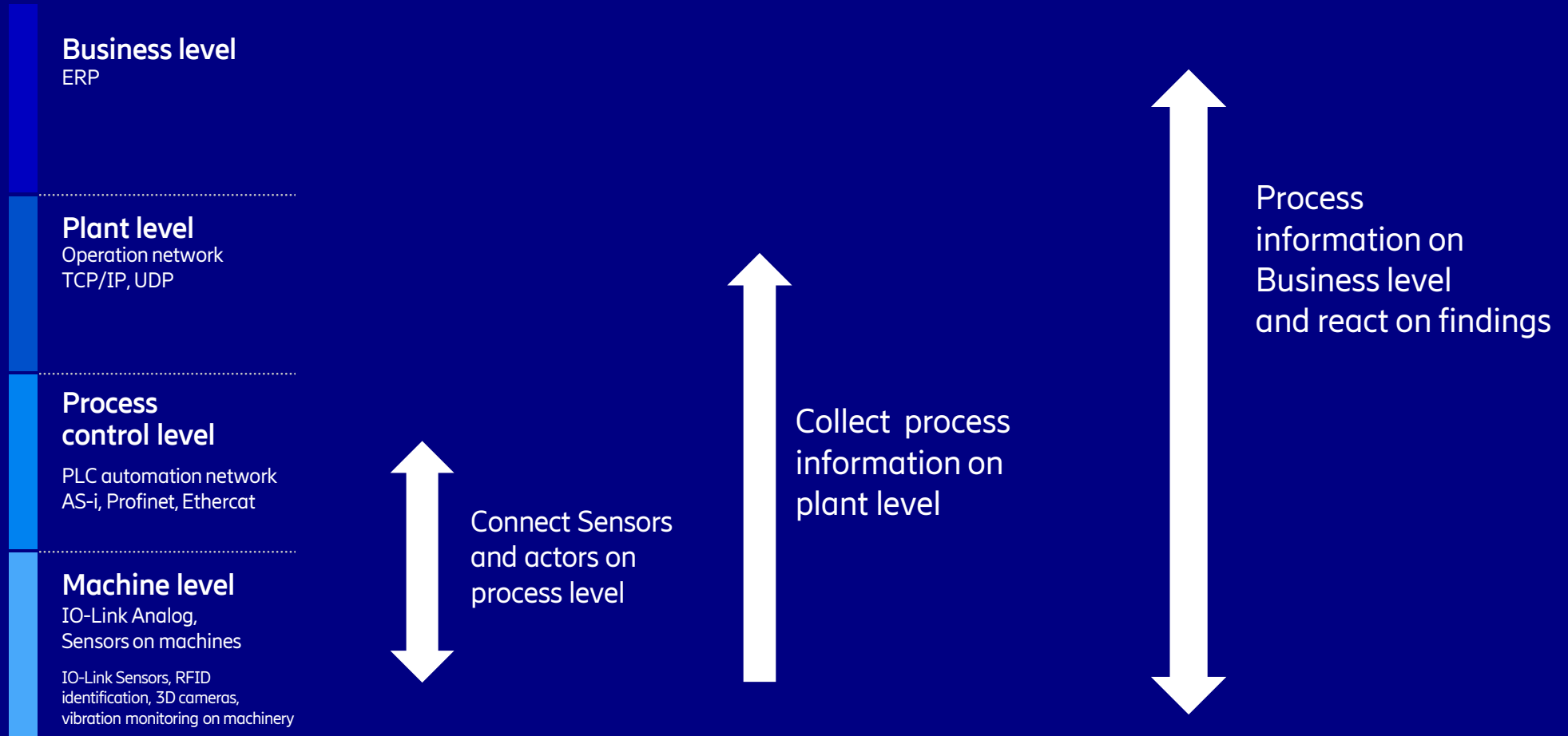
Connecting a variety of assets with different requirements is a challenge

5G value proposition

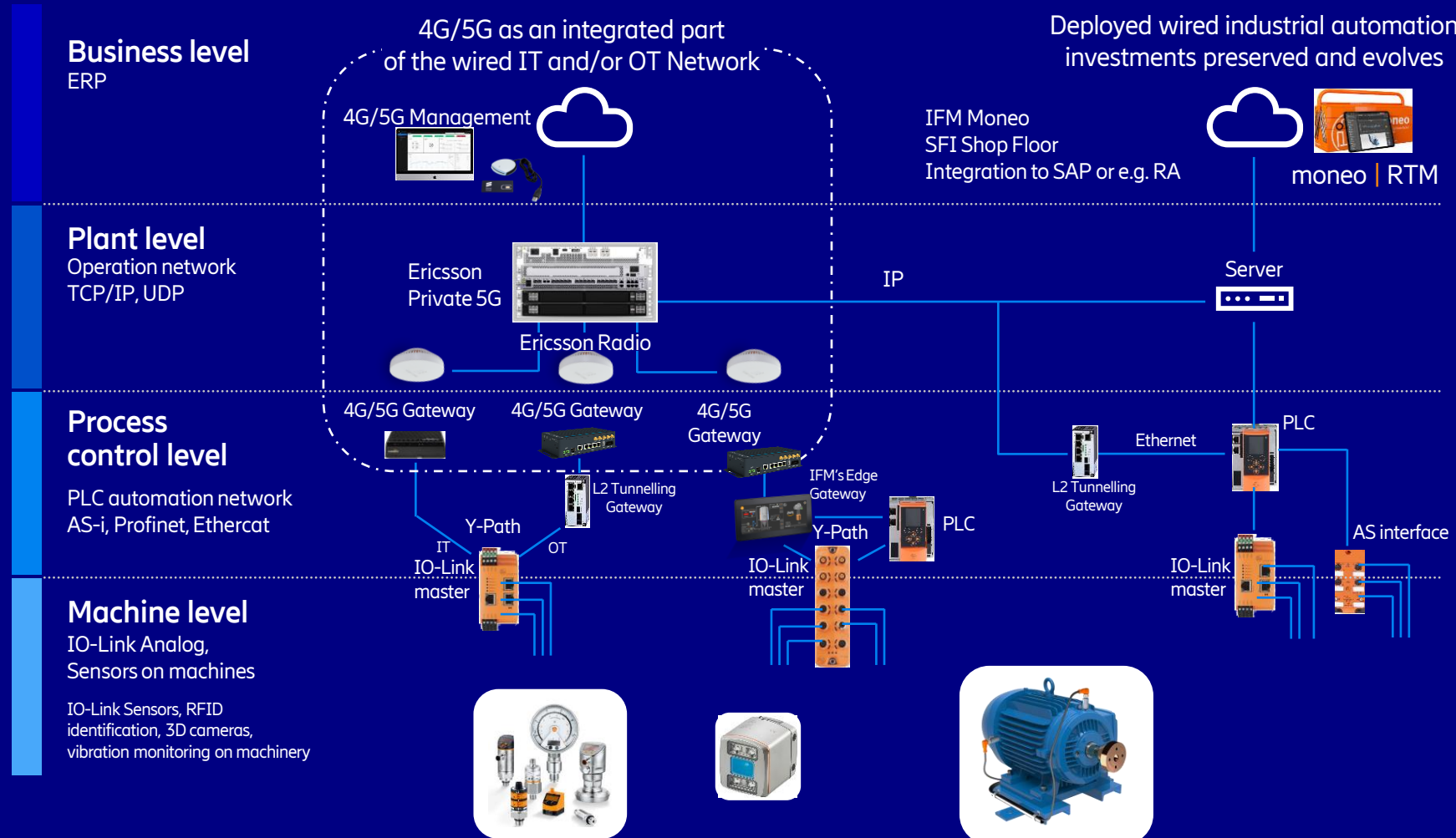


■ Network performance attributes ■ Business and network architecture

Industrial automation gradually evolved from wired to wireless



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The evolution of the human-machine relationship



Co-existence – Machines are simple tools for humans or they work independently (First and Second Industrial Revolution)

Co-operation – Machines and humans share a partially overlapping workspace. They sometimes temporarily share tasks but do not work simultaneously on the same task (Third Industrial Revolution)

Collaboration – Machines and humans accomplish tasks via synchronized interactive joint activities (Fourth Industrial Revolution)

Compassion – Machines sense human emotions, needs and preferences; humans care about the health of empathic machines (Industry 5.0)

Co-evolution – Machines and humans grow in capabilities through human-machine interactions (Industry 5.0)

Connectivity is at the heart of Industry 5.0