

Smarter creates world-changing technology

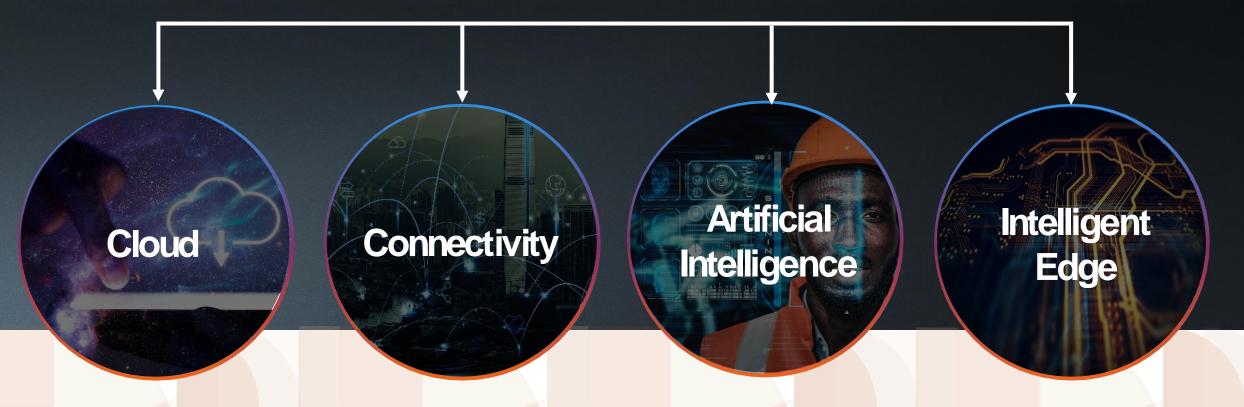
Creating world-changing technology that improves life for everyone.





A Changing World

Four Superpowers

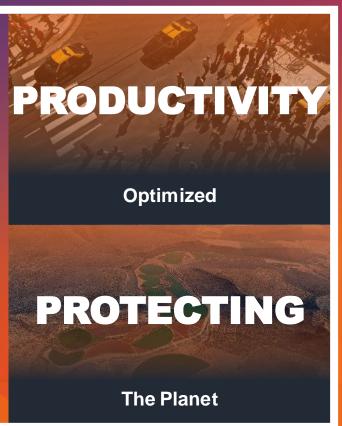


loT: Empowering New Capabilities

and opening up new possibilities







Smart City Trends

60% Global population will live in cities by 2050.

Megacities expected by 2030.

Up from 28 in 2014.

Citizens now expect a lot from their cities

Expanding digital services in the society





However, daunting your data challenge is now, 5G technology means loT is about to get a whole lot bigger.









More Reliability





Smart City (Barcelona) IOT/FOG Multi-Tenant for Smart City

Solution

- Deployment of Edge infrastructure in street cabinets
- NearbyOne orchestration for both:
 - the communication layer (MPLS city network)
 - the lifecycle management of urban services as virtualized applications
- Industrial systems, e.g. street lightning, traffic, irrigation and smart bins

Added Value

- Simplicity
- Centralized Management of IT and OT systems
- Increased availability
- Improved switching of OT maintainers (low-latency)
- OPEX and CAPEX reduction



Enabling the smart city of Barcelona





Enabling the smart city of Barcelona

Holograms IESE, Barcelona Activa



Virtual Shopper (Boquería)



5G Private Network (City Guard)



Industry 4.0



5G Broadcast



Autonomous Shuttle Bus (Fira Barcelona)



Dynamic Capacity on beaches

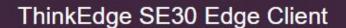






Powerful computing, when and where it's needed







ThinkEdge SE50 Edge Client



ThinkEdge SE70 Edge Client



ThinkEdge SE350 Edge Server



ThinkEdge SE450 Edge Server

thanks

Lenovo **OEM Solutions**