

A large yellow industrial robotic arm is shown in the process of welding a car body. The arm is positioned on the left side of the frame, with its articulated joints and various cables visible. It is actively welding a component of the car's chassis, which is held in place by a yellow support structure. Bright sparks are being generated from the welding point, creating a dynamic and industrial scene. The background shows the interior of a factory with other parts of the production line visible.

NOKIA

Private Networks & Solutions for Industries

Six megatrends

Network, compute & storage

Broadband everywhere, distributed cloud, near infinite storage. Enabling low latency, ultra-high bandwidth, and mission critical services.

Internet of Things

Connectivity for a trillion things – driving Industry 4.0 and revolutionizing enterprise efficiency.

Augmented intelligence

Human assistance and task automation leveraging artificial intelligence & machine learning at scale.

Human & machine interaction

Virtual and augmented reality, reshaping how we interact at the intersection of the digital and physical worlds.

Social & trust economics

Sharing economy and digital currencies made possible by trusted and secure cloud/network platforms.

Digitalization & ecosystems

New digital services – for consumers and enterprises – at the intersection of webscale cloud and 5G networks.

New opportunities for our customers

Global megatrends
leading to new
services innovations

Network,
compute
& storage

Internet
of Things

Augmented
intelligence

Human
& machine
interaction

Social &
trust
economics

Digitalization
&
ecosystems

Nokia is enabling
industry-defining
innovations for its
customers

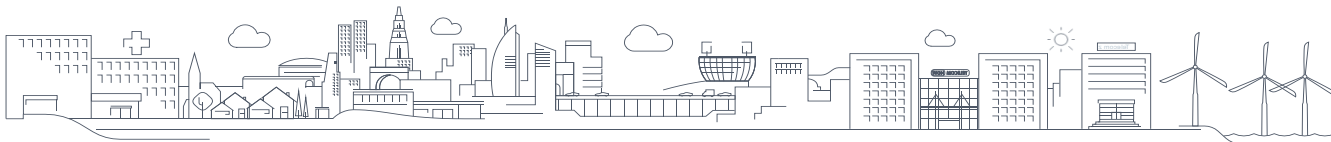
Communications Service Providers

- Deliver customer experiences with intelligent insights for new revenue
- Connect physical industries to deliver advanced enterprise IoT and 5G services
- Leverage cloud-native and automation for unmatched agility & cost efficiencies
- Create new business models for revenue and profit expansion

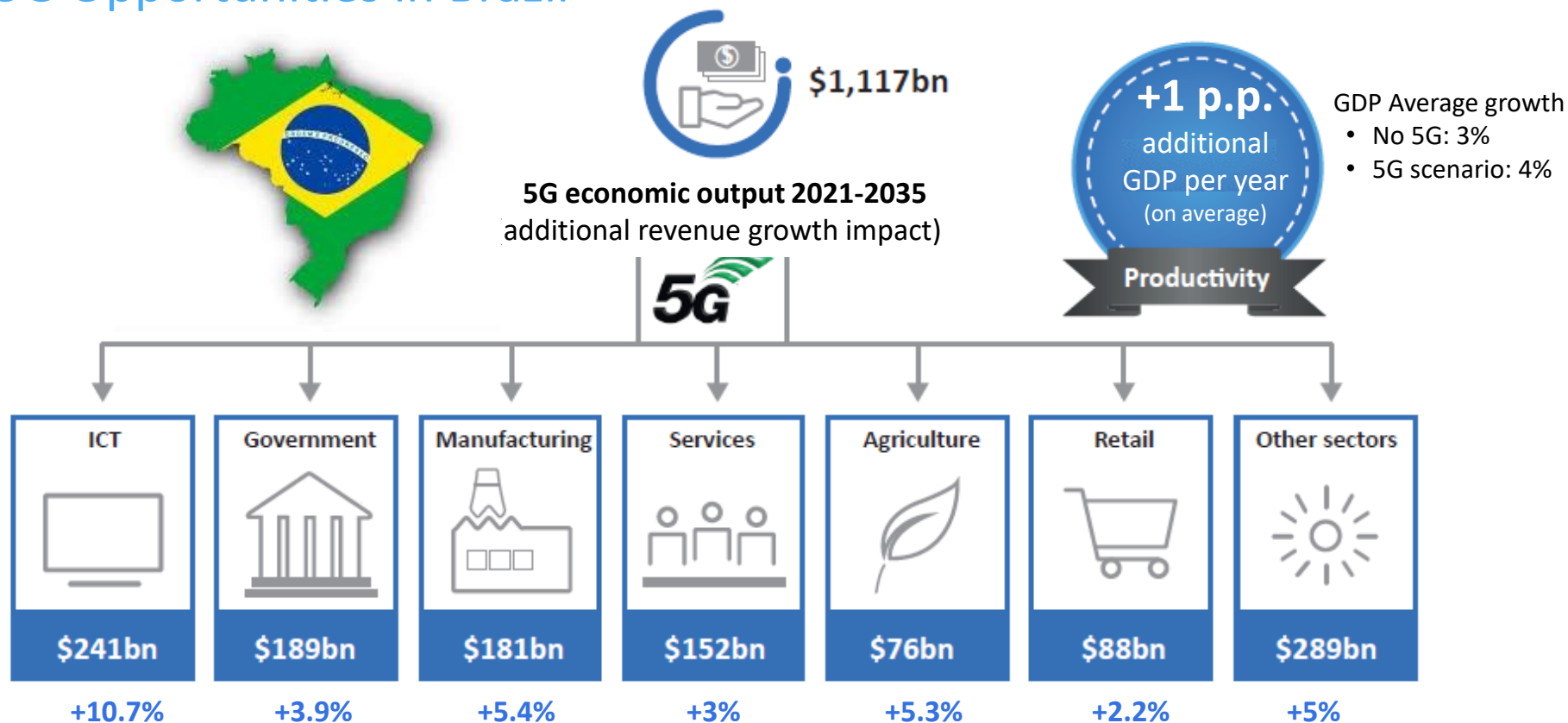
Enterprises

- Achieve improved quality, efficiency, and safety with real-time, intelligent insights
- Embrace digital automation for unprecedented productivity gains
- Deliver immersive experiences for improved customer loyalty
- Develop new business models for simple market expansion

End-users
expecting immersive,
insightful, reliable,
& secure services
anywhere, anytime

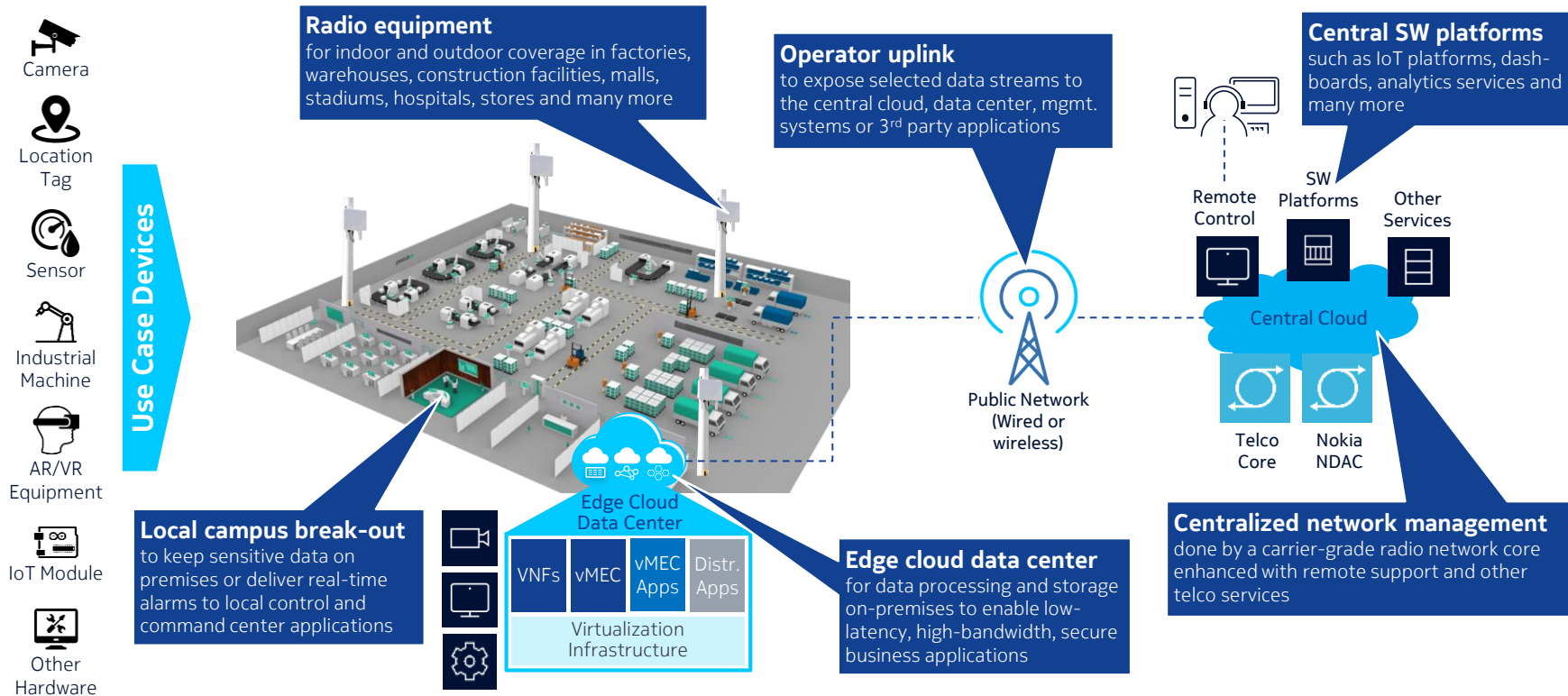


5G Opportunities in Brazil

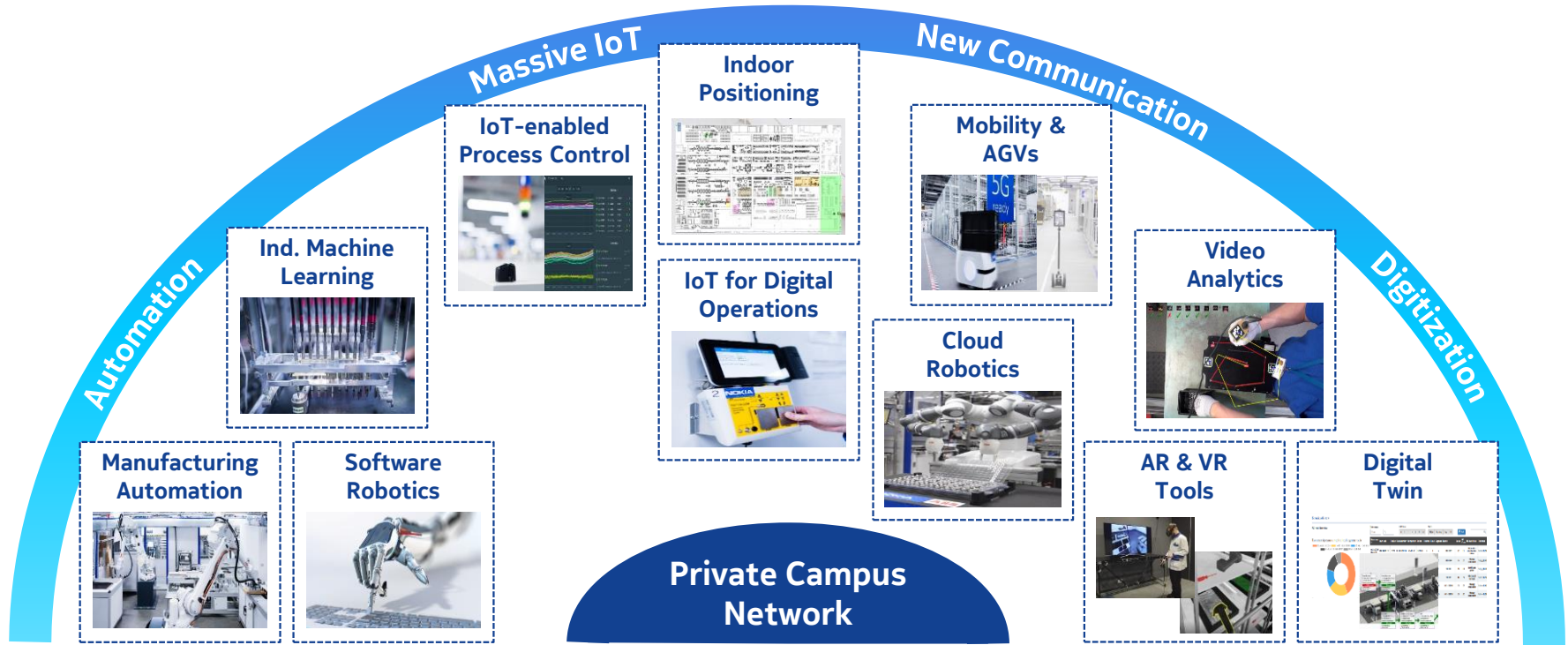


Source: Omdia, based in IHS and Bell Lab economic models GDP 2019 current prices \$1,847 (Billions of U.S. dollars) – Source IMF

Private Campus Network architecture enables low-latency, secure, high-bandwidth use cases on the edge with centralized management capabilities



Wide range of deployed use cases in Nokia's conscious factory in order to increase automation, utilize new communication plus IoT sensors and digitize



We create the technology
to connect the world

NOKIA