



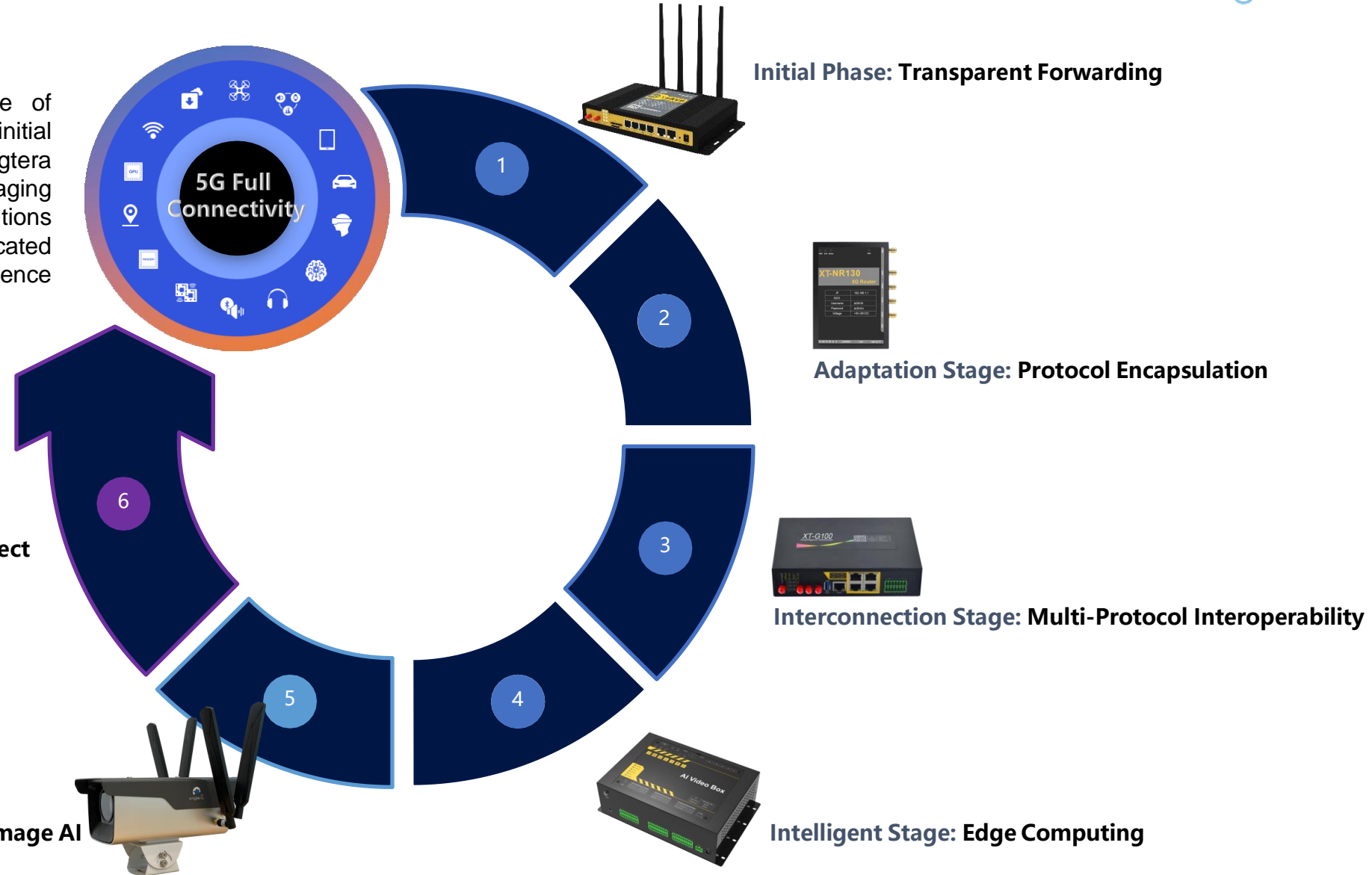
5G Industrial CPE Product Portfolio

Xingtera 5G BU
2024

www.xingtera.com

The Evolution of 5G Industrial Intelligence

The evolution mirrors Xingtera's decade of advanced solutions. Actively engaged in initial intelligence stages across industries, Xingtera achieves broad interconnectivity. Leveraging robust R&D and cutting-edge AI, its solutions meet diverse needs and enable sophisticated control, fostering widespread intelligence adoption.







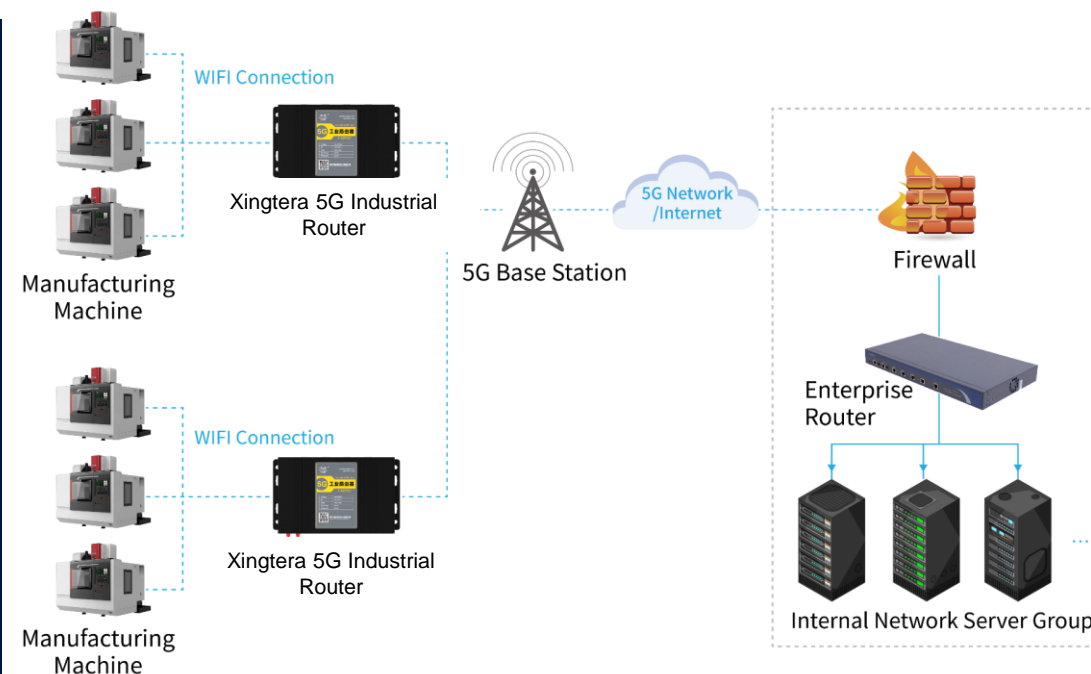
Initial Phase: Transparent Forwarding

In 2019, Xingtera, in collaboration with a domestic telecommunications giant and China Unicom, globally launched the world first industrial-grade 5G router, XT-NR100, widely deployed in smart factory projects.



5G Industrial Router
XT-NR100

-  Support 5G/4G, 5G SA/NSA, 5G LAN
-  Dual SIM Card, Main / Backup
-  Supports Multiple VPN Modes: PPTP, L2TP, GRE, IPSEC, and OPENVPN.....
-  Support Cloud Management Platform



Adaptation Stage: Protocol Encapsulation

Building on the pioneering 5G industrial router, Xingtera developed a compact 5G router tailored for AGV unmanned industrial vehicles. It features built-in Modbus, MQTT, and other protocol encapsulation capabilities, facilitating various pilot applications.



5G Industrial Router
XT-NR120/NR130



Compact design, ideal for installation in extremely precise spaces.



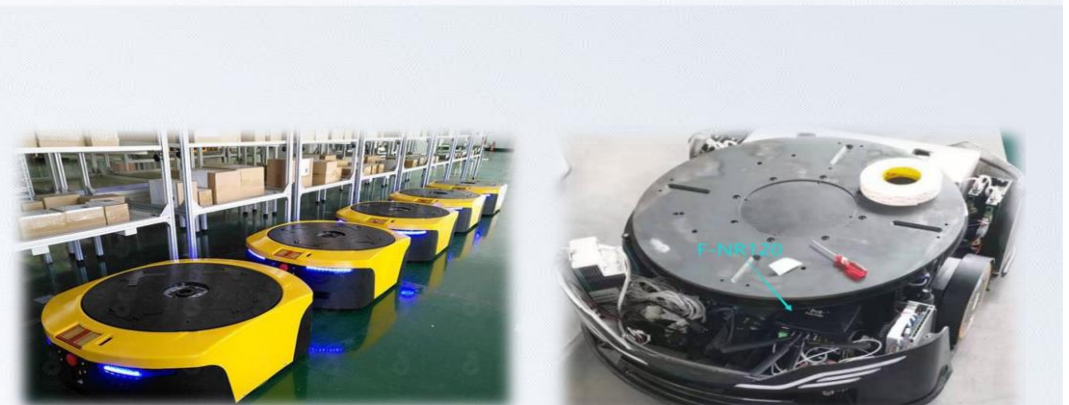
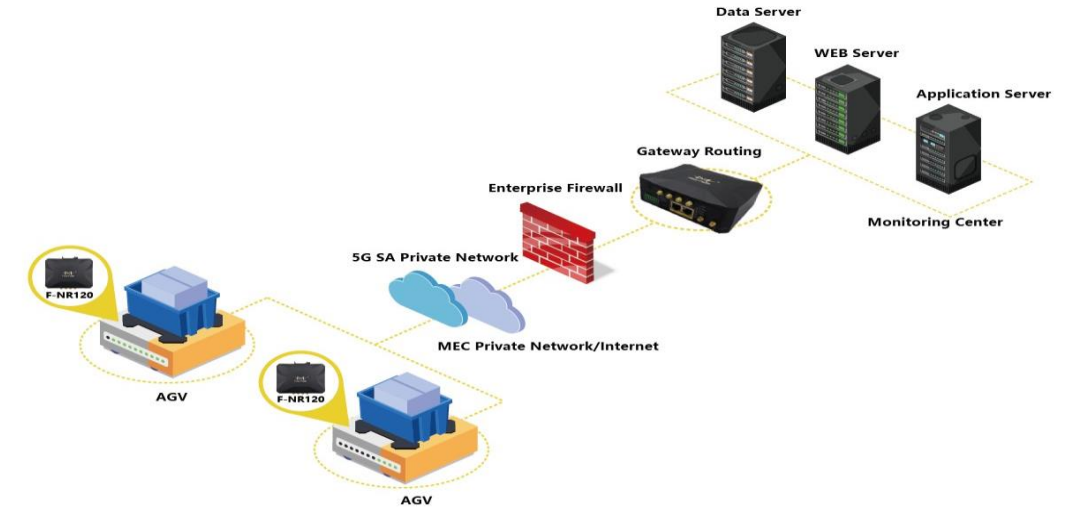
Support 5G/4G, 5G SA/NSA, 5G LAN



Dual SIM Card, Main / Backup



Supports Multiple VPN Modes: PPTP, L2TP, GRE, IPSEC, and OPENVPN.....



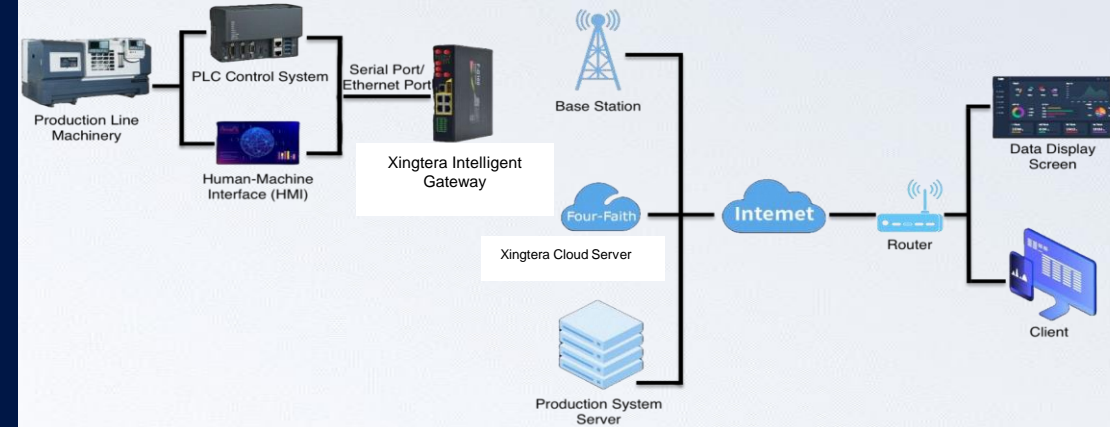
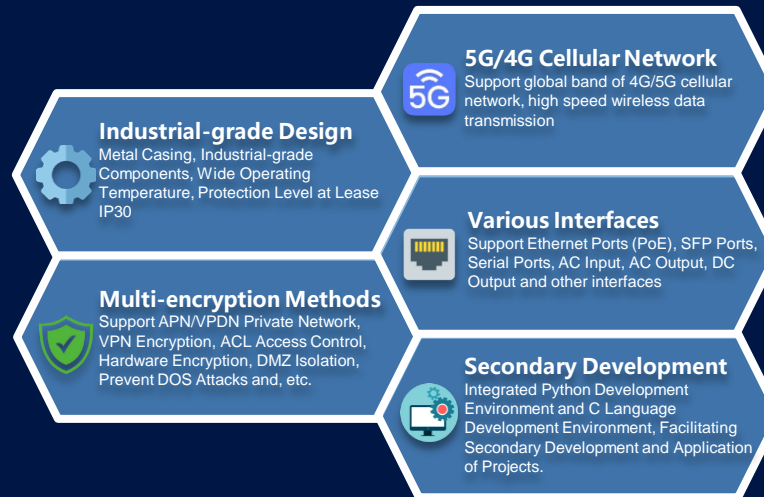
Interconnection Stage: Multi-Protocol Interoperability



PLCs, the most common devices in industrial settings, have faced challenges such as protocol closure, lack of interoperability between different manufacturers, and reliance on wired connections. Xingtera 5G intelligent gateway offers a perfect solution to these issues.



5G Intelligent Gateway
XT-G100/FGD100



Intelligent Stage: Edge Computing

The demand in industrial IoT extends beyond simple data collection. Leveraging proprietary edge algorithms, Xingtera has developed intelligent gateways with edge computing capabilities, significantly reducing the workload on industrial servers.



Supports IoT sensors for data and image capabilities



Compatible with various video, IoT, and industrial control protocols



Support 5G LAN, 5G Redcap and etc.



Built-in algorithm repository for flexible deployment and third-party integration



Offers configurations for multi-target detection and decision-making



Open interface for seamless integration with third-party platforms and apps

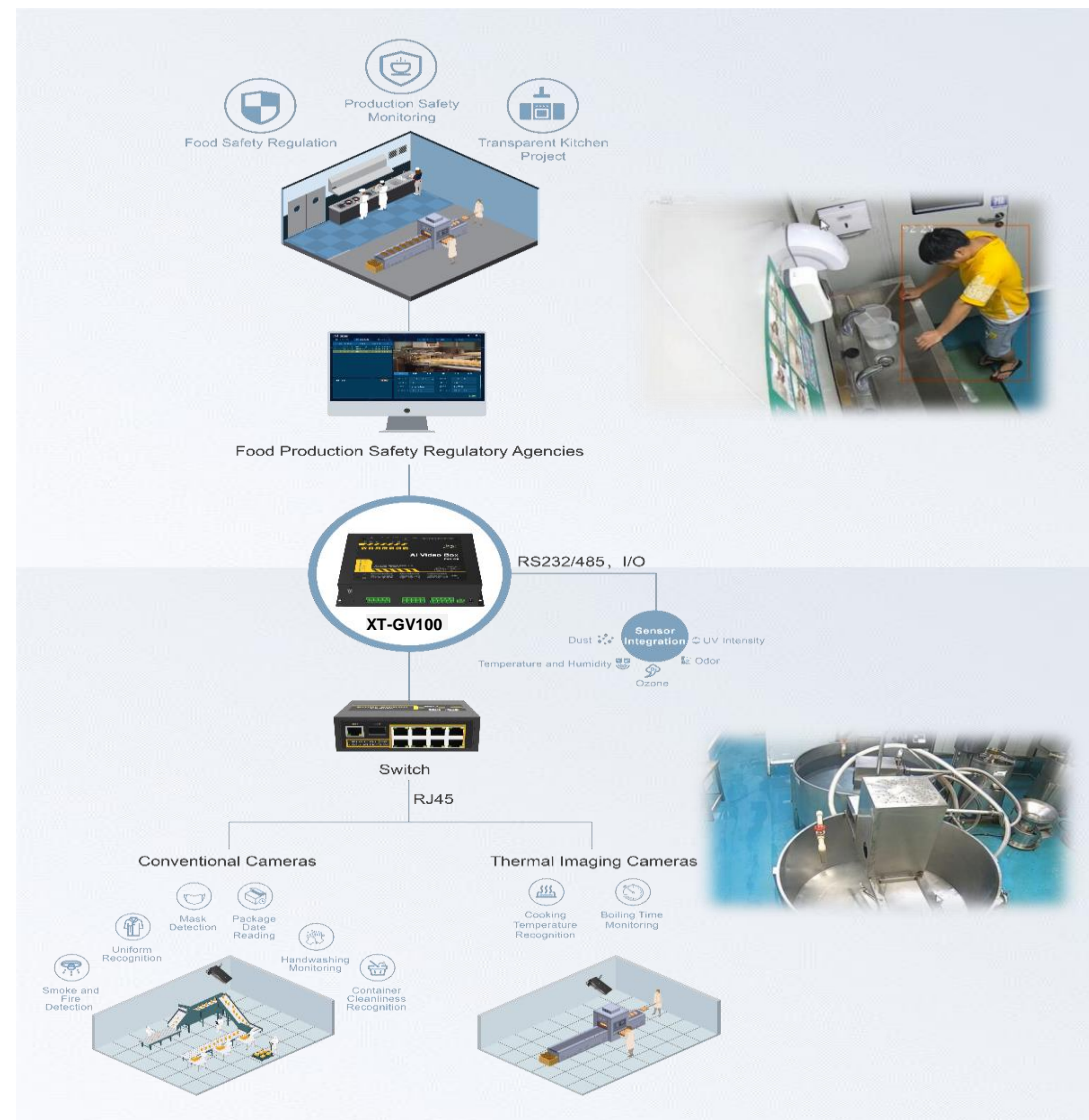


Includes a configurable cloud platform for diverse applications



Fully self-developed stack covering software, hardware, and AI, tailored for project needs

**5G AIoT Box
XT-GV100**



Multidimensional Stage: Data Fusion with Image AI

Xingtera's pioneering AIoT camera combines data, image, AI, and 5G technologies, enhancing traditional IoT data collection by capturing and intelligently analyzing on-site images. This enables multi-dimensional IoT monitoring capabilities.



5G AIoT Camera
XTEE51516/51216



Embedded with 5G/5G Redcap high-speed wireless cellular module



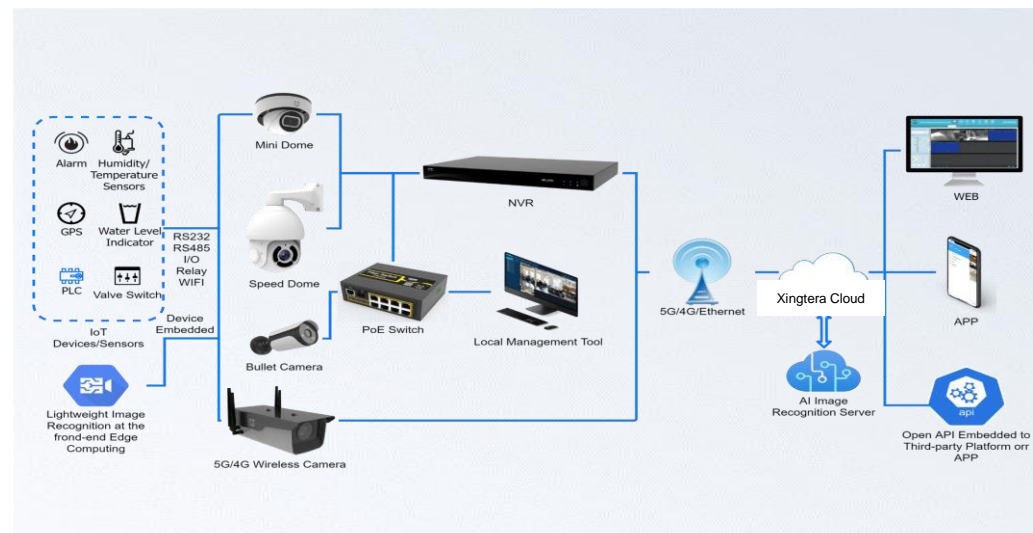
Industrial level components & IP 67 metal casing



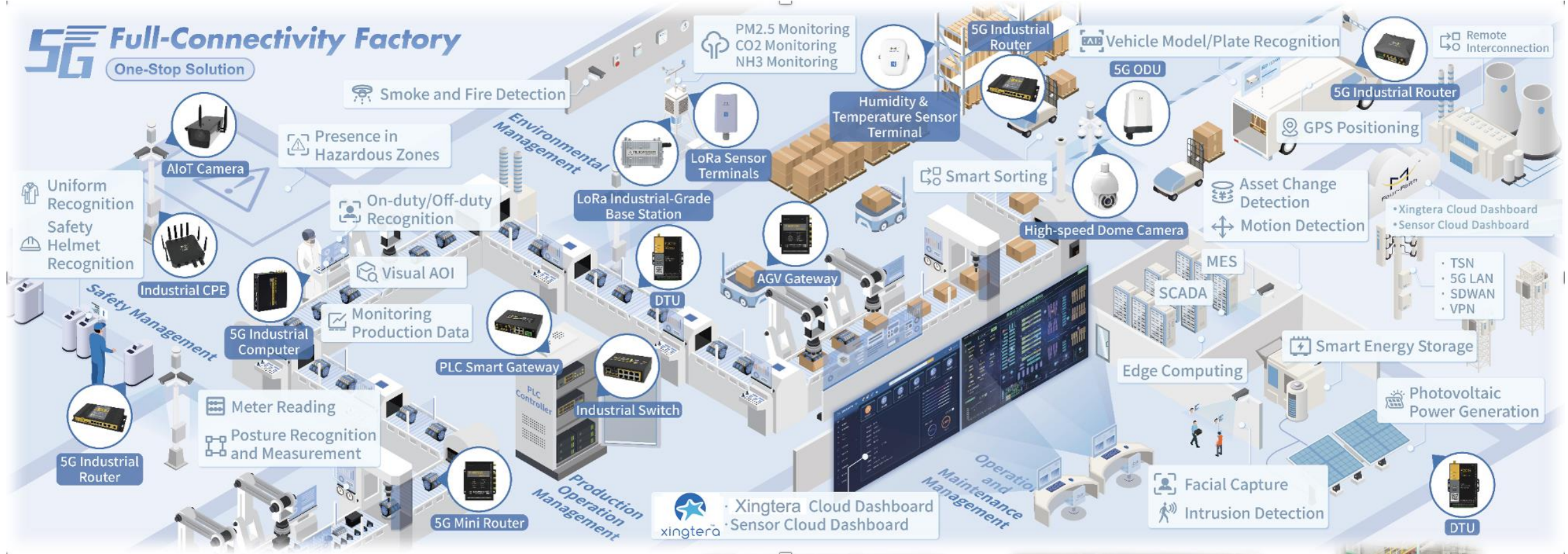
Intergrade with RTU function, provides multiple interfaces & protocols



Worked as an NVR, can be embedded with 2.5" HDD or SSD



Connect Everything Possible for 5G Smart Factory



5G Full Connectivity Factory Solution combines data collection, high-speed networking, and video surveillance for smart factories. It enhances efficiency, enables real-time monitoring, and supports proactive decision-making, accelerating Industry 4.0 transformation. This comprehensive solution empowers manufacturers to stay competitive in today's dynamic market environment.





Xingtera

Makes the AIoT Simple