



5G Private Network End-to-End Solutions

Accelerate Digital Transformation
Smart Manufacturing and Factory

Askey 5G Private Network One-Stop-Shop Services

Make it happen with Askey industrial-grade 5G Private Wireless Solutions.



About Askey



Low Total Cost of Ownership



Easy Deployment and Management



Superior Performance

A Digital Platform Connects and Integrates All

Top 3 benefits of Askey 5G Private Network Solution

Technology is evolving. While Machines getting smarter, customers are becoming more demanding. So industry is facing a number of challenges such as rising energy and labor costs, changing production trends, and the needs to fulfill the product's customization and personalization.

Many enterprises and organizations are looking to closely integrate their physical assets with the digital world by increasing automation and using intelligent data to create more agile businesses.

Askey 5G Private Network Solution provides superior wireless performance with secured, reliable service that enables industrial organizations to meet their challenges and to fully embrace the benefits of Industry 4.0.

Askey Industrial-grade 5G Private Wireless Solution offers unique three key benefits:

- Low TCO
- Easy Deployment and Management
- Superior Performance

1

Low Total Cost of Ownership



2

Easy Deployment and Management

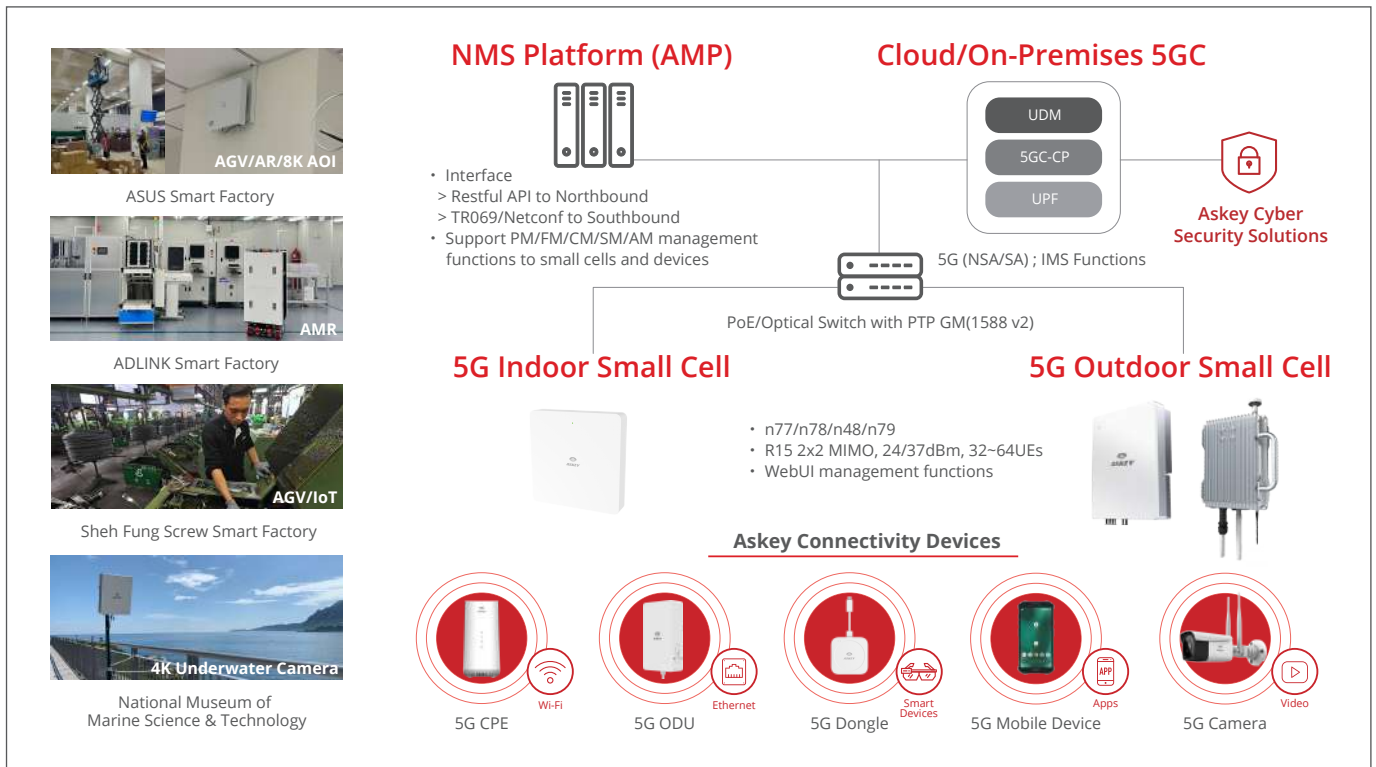


3

Superior Performance



Explore Askey 5G End-to-End Solutions



Askey 5G Private Wireless Solutions in a nutshell

- > 5G wireless network focuses on enterprises' operation technology (OT) critical needs with tailored coverage & dedicated capacity to reliably and securely connect industrial assets (machines, sensors, tools, etc.) and workers.
- > It fulfills full control and data privacy of your own 5G Private Network-as-a-Service (5G PNaaS). Business sensitive and commercial information will be only stored and processed by local application servers to ensure excellent performance and meet Service Level Agreement (SLA) of diverse applications, while ensuring secure operations.
- > Performance and security is extremely crucial for mission-critical and IoT connections. Askey 5G Private Network Solution supports Zero Trust management for endpoints to ensure only authorized devices can access the private mobile network.



Customer
Requirement
Analysis



Network Design
and Planning



Integration and
Technical Support



5G Sub-6 Indoor Small Cell

Qualcomm FSM10016/FSM10056+NPU (4/8 core)

- 5G: n48 (3.55-3.7GHz)
- n77 (3.55-4.2GHz)
- n78 (3.55-3.8GHz)
- n79 (4.6-5.0GHz)
- TX power: 24dBm
- 2x2 MIMO
- GPS, PTP, SyncE
- 2.5G WAN/10G SFP+



5G Sub-6 Outdoor Small Cell

Qualcomm FSM10056+NPU (16 core)

- 5G: n48 (3.55-3.7GHz)
- n77 (3.55-4.2GHz)
- n78 (3.55-3.8GHz)
- n79 (4.6-5.0GHz)
- TX power: 24dBm
- 2x2 MIMO
- GPS, PTP, SyncE
- 2.5G WAN/10G SFP+



5G Sub-6 Outdoor Unit

- Frequency Band – 4G/5G
- NR Band: EMEA
- LTE Band: EMEA
- LTE and 5G NR EN_DC
- MIMO: DL 4x4, UL 2x2
- Release: 3GPP R15
- Certification: CE; GCF
- Dimension: 170 x 100 x 39 mm
- Weight: 470g
- IP67



5G NR Dongle

- Frequency Band – 5G:
- 5G NR Sub 6GHz:
- FDD: Global band
- TDD: Global band
- MIMO: DL 4x4, UL 2x2
- Release: 3GPP R15
- Certification: CE, FCC, GCF, PTCRB
- Dimension: 77.5 x 77.5 x 16 mm
- Frequency Band - LTE:
- LTE band:
- FDD: Global band
- TDD: Global band
- MIMO: DL 4x4, UL 1x1



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