AGIL®
5G-IN-A-BOX

Powerful and Ready-to-Deploy
Mobile Private 5G Network Solution

ENABLING 5G CONNECTIVITY WHEREVER YOU WORK

AGIL 5G-in-a-Box unlocks access to a range of new solutions and opportunities by overcoming the limitations of bandwidth, latency and massive connections in the most remote or challenging places and situations.

ELEVATE YOUR
CONNECTIVITY EXPERIENCE

Get connected to a 5G network wherever you are, whenever you need it. No limitations, just seamless connectivity.

Where network-on-demand and operational simplicity is of utmost importance, AGIL 5G-in-a-Box is engineered to thrive in mission-critical applications or extreme environments where local networks falter.

AGIL 5G-in-a-Box supports the most advanced use cases of 5G technology. From high-speed connectivity to low-latency applications, this solution is tailored for the demands of the future.

AGIL 5G-in-a-Box quickly and securely enables transformational applications such as:

- Real-time streaming of multiple high-definition footage
- Advanced robotics automation and teleoperations
- Ultra-reliable low-latency systems
- Capacity to connect and support massive numbers of devices and assets
- End-to-end security and full control of your own 5G coverage

KEY APPLICATIONS

Defence and Tactical 5G

Hospitality/MICE

Humanitarian Assistance and Disaster Recovery

Public Safety and Security

Smart Manufacturing

Mining and Offshore
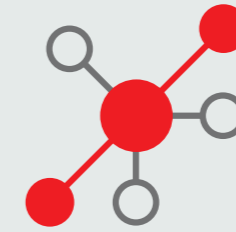
KEY FEATURES

Flexible and Scalable

- Deployable fully on premises, fully cloud-based or as a hybrid architecture, for both public or private services
- Integrated with edge computing capabilities to allow easy adoption of services
- Designed to work with any 3GPP-compliant 5G devices

Ruggedness

- Supports mobility in vast, difficult terrains whilst providing optimal performance under various and extreme environments
- IP66, 19" ruggedised and shock-resistant enclosure

Quick and Easy Deployment

- Small form factor, highly portable
- Set up 5G network within 15 minutes
- Custom Graphical Unit Interface (GUI) to allow ease of operation
- Remote troubleshooting for real-time support

UP TO 25000
Connections/Devices/Users

100KM²
Indoor and Outdoor Coverage
(assuming 3 sectors setup)

RUGGED, RELIABLE AND READY-TO-DEPLOY RIGHT OUT OF THE BOX

5G CORE (NOKIA PERIMETER NETWORK NPN)

- Compact, feature-packed industrial PC box with Intel Xeon-D8 Cores and 16GB RAM
- Gigabit Ethernet and SFP+ interfaces to faciliate high-speed communications with external networking equipment
- Installed Nokia mini-core provides software infrastructure to support high-speed, low-latency communication and networking services

EDGE COMPUTING CAPABILITIES

- Extends high-performance computing capabilities to the edge where your end users and operations are located
- Unlock the full potential of cutting-edge technology, designed to provide ultra-fast and high-capacity connectivity
- Experience seamless access to radio network resources, paving the way for advanced applications that demand lightning-quick response times and high bandwidths

BASEBAND UNIT

- Nokia Multi Radio Access Technology Baseband Unit (ASOE)
- Compact and designed for both indoor and outdoor use
- A single ASOE supports up to 6 Remote Radio Units and can be chained with an additional ASOE to provide increased operation capacity
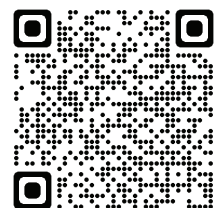
NOKIA AIRSCALE MICRORRH

- Highly versatile, suitable for deployment in locations requiring additional capacity or coverage
- AirScale mRHH units boast a compact design and effortless installation, facilitating swift setup and dismantling for your convenience
- The AirScale mRRH portfolio includes solutions for all radio access technologies and covers a wide range of frequency bands

ABOUT ST ENGINEERING
ADVANCED NETWORKS & SENSORS

With more than 30 years of proven track record delivering products, network infrastructure and system integration capabilities for defence and public security agencies, we provide bespoke end-to-end turnkey support to meet your customers' unique challenges and business needs.

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