



Ultra Compact Core

Ericsson Ultra Compact Core (UCC)

Seamless, secure connectivity for defense operations

In the ever-evolving defense landscape, reliable communication is the backbone of mission success. The **Ericsson Ultra Compact Core (UCC)** is a pre-configured 5G network solution designed to meet the critical communication needs of defense forces, whether deployed at a fixed base, on a mobile command unit, or in remote operational theaters.



Key advantages



Rapid deployment: UCC delivers a fully operational 5G network within minutes—just power it on, and you're connected.



Dual-mode capability: Supports both 4G and 5G, offering flexibility to adapt to various mission requirements.



Highly secure communications: Utilizing Ericsson's cutting-edge 5G technology, UCC ensures secure, encrypted communication, safeguarding sensitive data in all scenarios.



Portable & robust: Designed for mobility, UCC can be easily transported in a case or vehicle, making it ideal for diverse operational environments.



Mission-ready network for all defense scenarios

Whether for permanent bases, temporary command posts, or mobile units in the field, the UCC ensures continuous, resilient communication with its **1+1 redundant** server architecture, keeping your operations online even under the most challenging conditions.

Always connected, mission Ready

The UCC offers unparalleled connectivity with:

- **Up to 10 Gbps throughput** for seamless data transmission.
- **Support for up to 10,000 users** across multiple devices, ensuring all personnel stay connected.
- **Local network survivability**, providing uninterrupted service even in isolated or hostile environments.

Engineered for simplicity, security, and cost efficiency



Effortless deployment, intuitive operation

Designed with the end-user in mind, UCC is easy to deploy, requiring minimal technical expertise. The **plug-and-play** setup means your teams can focus on the mission, not the network. Deployment is quick, and relocation is seamless, ensuring minimal disruption to operations.

- **Out-of-the-box ready:** Pre-configured for rapid deployment, UCC gets you connected in minutes.
- **Centralized and local management:** Manage your network remotely with Ericsson Network Manager, or take control on-site with localized management tools.

Why choose UCC?

- **Unmatched security & resilience:** Built to withstand the demands of critical defense operations, offering redundancy and local survivability.
- **High performance, low complexity:** Fast deployment with minimal setup, enabling personnel to focus on their mission, not the network.
- **Reliable resilience:** Redundant architecture ensures the network keeps running even in the harshest conditions.
- **Future-proofed technology:** Fully scalable, UCC evolves with the mission, supporting advanced technologies and ensuring long-term defense readiness.

Powered by Ericsson's trusted technology

Built on decades of leadership in mission-critical communications, the UCC utilizes the same reliable technology trusted by global communication service providers. This ensures:

- **Top-tier security:** Designed to meet the highest standards of mission-critical operations.
- **Proven technology:** Deployed globally in defense and public safety operations.
- **Interoperability:** Seamlessly integrates with both Ericsson and third-party RAN solutions, ensuring compatibility and flexibility in diverse deployment scenarios.

Explore the future of defense communications with UCC

Visit our booth at the next defense expo or contact us to discover how the **Ultra Compact Core** can enhance your mission-critical communications.

Discover more

To learn more about how Ericsson's Ultra Compact Core can support your mission-critical needs, visit our booth at the next Mobile World Congress or contact our experts today at **Ericsson.com**. With the UCC, a powerful, flexible, and reliable 5G network is just a conversation away.

Ericsson enables communications service providers, enterprises and the public sector to capture the full value of connectivity. The company's portfolio spans the following business areas: Networks, Cloud Software and Services, Enterprise Wireless Solutions, Global Communications Platform, and Technologies and New Businesses. It is designed to help our customers go digital, increase efficiency and find new revenue streams. Ericsson's innovation investments have delivered the benefits of mobility and mobile broadband to billions of people globally. Ericsson stock is listed on Nasdaq Stockholm and on Nasdaq New York.