Sectra
Tiger/S

Sectra Tiger/S is an easy-to-use, versatile secure communication solution that allows you to share classified information up to the SECRET classification level through encrypted speech, messaging, and data transfer. Sectra Tiger/S is available in two different versions, as a mobile or as a stationary phone. With its unique interoperability features, Sectra Tiger/S enables secure communication both within the same and between different security domains and classification levels while ensuring the integrity of each security domain

One device—several security domains

A security domain is defined by a unique crypto algorithm. Sectra Tiger/S makes it possible for users who need to communicate classified information to use the same device to communicate securely across multiple security domains. A user can communicate with their national security domain, while another domain remains available for missions that are deployed abroad. One device can also be used to communicate securely between different countries and organizations, such as the EU and NATO.

Robust and network-independent

The mobile version of Sectra Tiger/S has been designed to guarantee availability—anywhere and at any time. Since the solution comes with low bandwidth requirements, it offers the flexibility to use Sectra Tiger Connector to connect to all types of IP networks, such as satellite, fixed and mobile networks. The stationary version of Sectra Tiger/S has been designed for indoor use and connects via Ethernet, enabling the solution to utilize an IP network, such as a fixed or satellite network.

Over-the-air device management

Sectra Tiger/S supports over-the-air rekeying as well as over-the-air phonebook distribution. This capability facilitates system management, making it easy to update an obsolete key, control communication groups, or remove and add users to the system.

Crystal clear sound and built-in speakerphone

The Tiger/S has echo cancellation, and the latest software version includes support for wideband audio, which further improves the audio quality. Both versions also have built-in speakerphone, so more participants can join the conversation around the device (mobile: up to three participants, stationary: between six and eight participants).

Data transfer with Sectra Tiger User Tool

Sectra Tiger User Tool is a computer application used for secure data connection with Sectra Tiger/S, where users can engage in secure chat sessions and exchange files with each other. This versatile platform is also used for dispatching files and broadcasting messages in one-to-many scenarios. In addition, the tool serves as a user interface when connecting to the Sectra File Server, enabling users to upload and download files or to use the server as a personal storage space.

Technical specification

Security level	• Mobile: Approved up to and including NATO SECRET and SECRET UE/EU SECRET • Stationary: Approval process initiated in Sweden
Security feature	• Multiple security domains: up to three SECRET domains (National, EU and NATO, for example) • User authentication with access card and PIN code • Fail-secure design and Secure Boot • Tempest-verified design and tamper response
Encryption	End-to-end encryption
Connectivity	• Mobile: Built-in mobile phone module operating in 2G (GSM), 3G (UMTS), and 4G (LTE) networks covering, at a minimum, EMEA, APAC and China. The Sectra Tiger Connector provides IP connectivity over satellite and fixed networks. • Stationary: Ethernet connectivity to IP networks over satellite and fixed networks
License agreement	Sectra Support & Maintenance Program
Device	The Sectra Tiger/S 7401 LTE is a custom-made security solution developed by Sectra.
Performance	• Talk time: up to 3 hrs • Standby time: up to 100 hrs • Secure call bandwidth: 10–100 kbit/s • Data transfer bandwidth: up to 420 kbit/s

SECTRA

Knowledge and passion