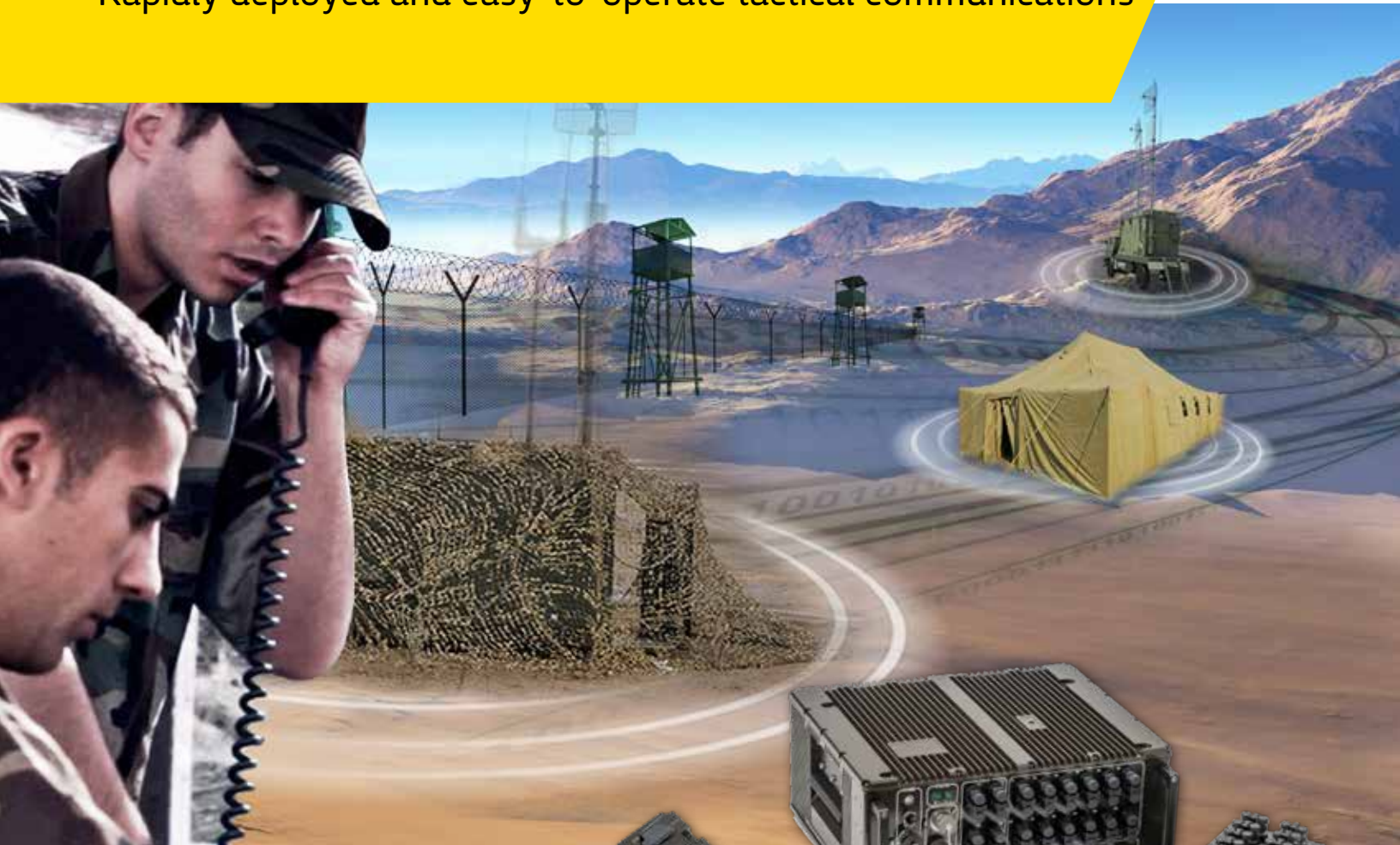


Field Telephony Solutions

Rapidly deployed and easy-to-operate tactical communications



Elbit Systems™

C⁴I and Cyber



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Mobile and fixed tactical command posts and bases require voice services that are simple to use, resilient and always available. Elbit Systems' family of tactical telephony solutions are designed for the company, battalion and brigade levels and include the latest-generation of tactical telephony exchanges and field telephones. These solutions are rapidly deployed, easy-to-operate and cost-effective.

ETE - Tactical Telephony Exchanges

Elbit Systems' line of tactical telephony exchanges (ETE) offers a versatile telephony solution for ground forces on the battlefield or in fixed tactical sites. Stable, waterproof, and lightweight, they are seamless to install and operate, providing reliable communications even under the harshest operational conditions.

The ETE-C and ETE-S models can operate for several hours on their internal battery, thereby facilitating maximum reliability of service in field units.

ETE Key Features

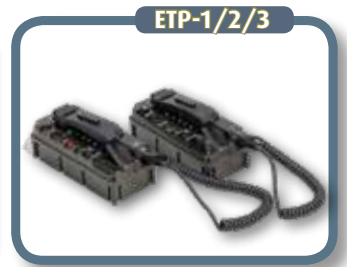
- Full compliance with military standards
- Multiple types of interfaces with other telephony exchanges
- Advanced digital telephony features
- Seamless installation and operation
- Long-lasting autonomous operation (battery powered)

The exchanges are available in three configurations:

ETE-M, Medium 36-subscriber telephony exchange: The ETE-M is a medium-size transportable unit that can connect up to 36 CB/FXS telephones (by the binding posts on the unit's front panel and 2 Line Distribution Frames (LDF)), 4 FXO lines and up to a total of 100 IP telephones (5 directly or all 100 using additional external IP switches).

ETE-S, Small 12-subscriber telephony exchange with battery backup: The ETE-S is a small man-carried unit that can connect 12 CB/FXS telephones, 4 FXO lines and up to a total of 40 IP telephones (3 directly or all 40 using additional external IP switches).

ETE-C, Compact 8-subscriber telephony exchange with battery backup: The ETE-C is a compact man-carried unit that can connect 8 CB/FXS telephones and up to a total of 20 IP telephones (3 directly or all 20 using additional external IP switches).

**ETE-C****ETE-S****ETE-M****ETP-1/2/3**

ETP - Military-Grade Field Telephones

Elbit Systems' heavy-duty, universal tactical phones (ETP) are designed to provide highly reliable communications in any tactical operational deployment. Both waterproof and lightweight, these reliable telephones are easy to operate and install. These tactical phones feature a standard H-250 military handset and are available in three configurations.

ETP Key Features

- Full compliance with military standards
- Advanced digital telephony features
- Seamless installation and operation

ETP phones are available in three configurations:

ETP-1: A tactical phone that can operate in both CB and LB modes. When set to CB mode, the ETP-1 operates with switchboards supporting the FXS interface, the most widely-used interface in military and civilian telephony. When set to LB mode, the ETP-1 uses its internal batteries and can be connected directly to another ETP-1 unit (or to the legacy LB-only switchboard), in order to make and receive calls.

ETP-2: A tactical phone that operates in CB mode only. As a CB telephone, the ETP-2 operates with switchboards supporting the FXS interface. The phone can simply be connected to the exchange, with no need for a power source in order to be operational.

ETP-3: An advanced tactical IP phone based on the standard SIP VoIP technology. Providing a new generation of advanced services to field units, the phone can be connected to the exchange by a military Ethernet LAN cable.

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Technical Specifications:

Exchange	ETE-C	ETE-S	ETE-M
FXS/FXO Lines	8/-	12/4	36/4
Direct Ethernet Lines (IP LAN)	3	3	5
Direct WAN IP Lines	1	1	1
Total Subscribers (FXS, FXO, IP internal and via external switch)	28	56	140
Weight (inc. battery)	<9kg	<10kg	<13.7kg
Dimensions:			
Width	38.1 cm	38.1 cm	42 cm**
Height	13.2 cm	13.2 cm	18 cm (~4U)
Depth (inc. binding posts)	37.1 cm	37.1 cm	38.4 cm
Operation Temperature	-15°C to +55°C	-15°C to +55°C	-15°C to +55°C
Storage Temperature	-30°C to +71°C	-30°C to +71°C	-30°C to +71°C
Power Source	External: DC or AC with adaptor Internal: batteries	External: DC or AC with adaptor Internal: batteries	External: DC or AC with adaptor

** Not including 19" brackets

Telephone	ETP-1	ETP-2	ETP-3
Phone Type	CB/LB	CB	IP Phone (SIP protocol)
H-250 MIL-STD handset (field replaceable)	+		+
Signaling Button	+		
Connectors	Binding Posts	Binding Posts	VoIP connection using D38999 LAN connector
LED Indication	2 LED	2 LED	2 LED
User Programmable Memory Storage	10	10	10
Keypad	16 buttons	16 buttons	16 buttons
Weight	<2kg	<2kg	<2.2kg
Dimensions:			
Width	11.3 cm	11.3 cm	11.3 cm
Height	10.4 cm	10.4 cm	10.4 cm
Length	24.6 cm	24.6 cm	24.6 cm
Operation Temperature	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
Storage Temperature	-30°C to +71°C	-30°C to +71°C	-30°C to +71°C
Power Source	External: CB – from PBX Internal: Batteries	External: CB – from PBX	External: AC/DC adaptor



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