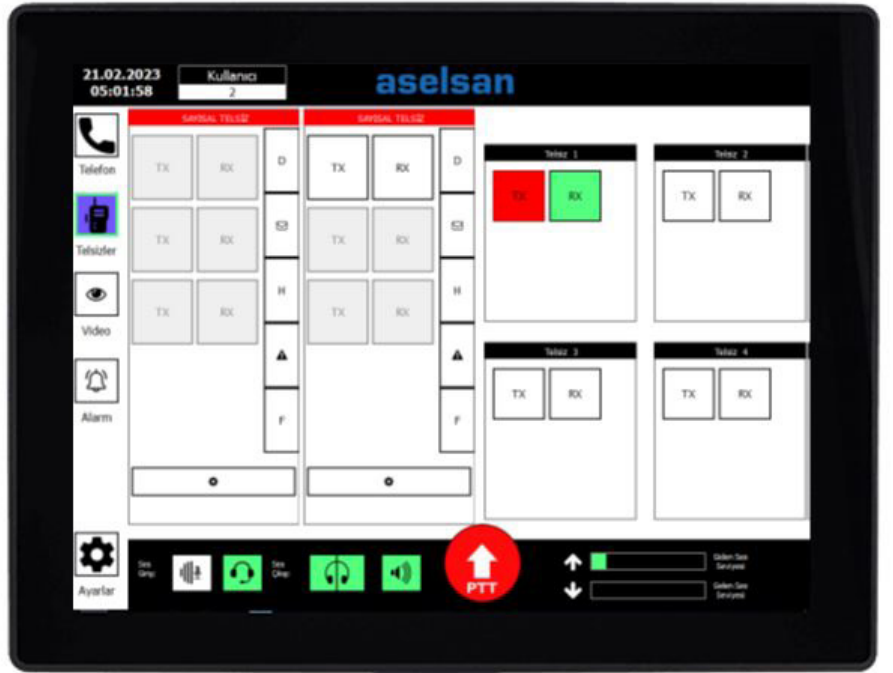# VOICERO

VOICE AND VIDEO
COMMUNICATION SYSTEM
#MilitaryCommunication

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VOICERO

VOICE VOICE AND VIDEO COMMUNICATION SYSTEM

VOICERO is a SIP-enabled VoIP switchboard system designed to meet the need for air-ground, ground-ground communication and video communication in the tactical field. It provides communication of standard SIP-enabled military/civilian end devices. It provides versatile communication with radio, internal analog telephone, external analog telephone lines, PRI telephone lines, e-VoIP and IP Telephone interfaces.

VOICERO can be interconnected, allowing the number of radio and telephone interfaces to be increased. Operators can remotely use the voice resources of another VOICERO if needed. VOICERO server can be used in conjunction with a video conferencing server to provide video call support.

VOICERO basically consists of the following units:
- VOICERO voice server
- VOICERO video conference server
- Communication panel
- Audio interface unit
- Portable communication panel

Main Features and Technical Specifications
- SIP, VoIP and RTP supported switchboard
- Virus and DLP (data leakage prevention) protection
- Radio analog audio interfaces
- e-VoIP analog voice interface
- ASELSAN network based radio waveforms are supported
- Analog telephone interface (FXS)
- Analog outside telephone line interface (FXO)
- PRI interface
- G.711 and G.729 codecs are supported
- Managing ASELSAN software based radios via SNMP/ethernet
- Voice communication over SIP/RTP protocols
- Audio/visual notification of alarm and warning conditions
- Export capability of log records to an external server
- Standard complementary services (call transfer/forwarding/holding etc.)
- Phone patch
- CIT capability
- Video and audio conferencing
- Remote software update
- Time synchronization interface with NTP and SNTP
- IEEE 802.1x network protocol and VLAN capability
- 400 W power consumption
- Compatible with MIL-STD-1275E

VOICERO Voice Server- Physical and Electrical Specifications
- 1U high and suitable for 19" cabinet (50x430x435 mm)
- 18-32 VDC supply voltage

VOICERO Voice Server - Environmental and EMI/EMC Characteristics
- Compatible with MIL-STD-810G, MIL-STD 1275E and NIST 800-115
- Operating temperature +5°C, +35°C
- Storage temperature -20°C, +60°C

VOICERO Video Conference Server - Physical Specifications
- 1U height – 45x485x670 mm
- Video conference server (MIL-STD-1275 competible): 12 x 8 x 6 cm (Integrated between voice server and video conference server)

Communication Panel - Technical Specifications
Communication panel is a color touch screen VoIP terminal designed to meet the air-ground and ground-ground communication needs of operators in the tactical field.

The portable communication panel provides installation/transportation flexibility thanks to the design of the panel and accessories in a single case.

- SIP-enabled VoIP terminal
- Management of ASELSAN military radios via touch screen
- Stereo headset with different volume switching to left/right earphones
- 12" color and touch screen
- Simultaneous radio and telephone calls
- Simultaneous multiple radio transmit/receive functionality

Communication Panel – Physical and Electrical Specifications
- 12" panel (227.85x270x47 mm)
- 18-32 VDC supply voltage

Communication Panel – Environmental and EMI/EMC Characteristics
- MIL-STD-810G, MIL-STD 1275E ve NIST 800-115 compatibility
- Operating temperature +5°C, +35°C
- Storage temperature -20°C, +60°C

Portable Communication Panel – Physical and Electrical Specifications
- Portable
- 175mm x 470mm x 360mm

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