ELITE MONITORING PACKAGE

Monitor, manage and control your ELITE communications systems

What does ELITE MONITORING PACKAGE include?

VOGO

· The ELITE SMART GATEWAY

The latest wireles audio interface developed by VOGO. Set up on pitch-side, it is the brain of the operations. Thanks to the embedded technology, you are able to act remotely in live mode to provide the highest quality and most reliable communications between VARs and on-field referees.

· The ELITE MONITORING DASHBOARD

Through the dashboard, you access and manage live the communication system settings, on pitch-side or from the VOR room, via a web browser on a tabblet or PC.

· Associated services

VOGO teams provide annual maintenance of equipment and technical.

Easy to use and reliable

Minimise or even eliminate all risks of radio disruption and disconnection.

· Ensure the most reliable and high-quality communication possible.
· Interface our equipment even more easily with DANTE digital technology.
· Enjoy a totally secure audio installation.

Guarantee the success of your VAR services

How to control communication systems remotely?

Via the ELITE MONITORING DASHBOARD accessible through a web browser.
Ergonomic and very easy-to-use, its is custom-designed to meet VAR operators' needs.

Several users can supervise the ELITE pack live with different roles (administration, visualisation only...) and chat all together to prevent any potential issues.

How to set up and access the ELITE SMART GATEWAY?

In order to interface audio, the ELITE SMART GATEWAY inputs and outputs either XLR or optical fiber or RJ45 formats.

* The ELITE SMART GATEWAY is monitored through its own wifi, or optical fiber, or RJ45.
* Monitoring capabilities are accessible through a handheld device (tablet,...) set up pitch-side of through generated WIFI.
* Alternatively, a technical guarantee/supervisor can manage it directly from the OB-van or a centralized VOR room, through wired connection on the same IP network.

A single bi-directional fiber conveys all audio feeds (inputs & outputs) & all monitoring data to/from a remote VOR room, to the ELITE SMART GATEWAY.
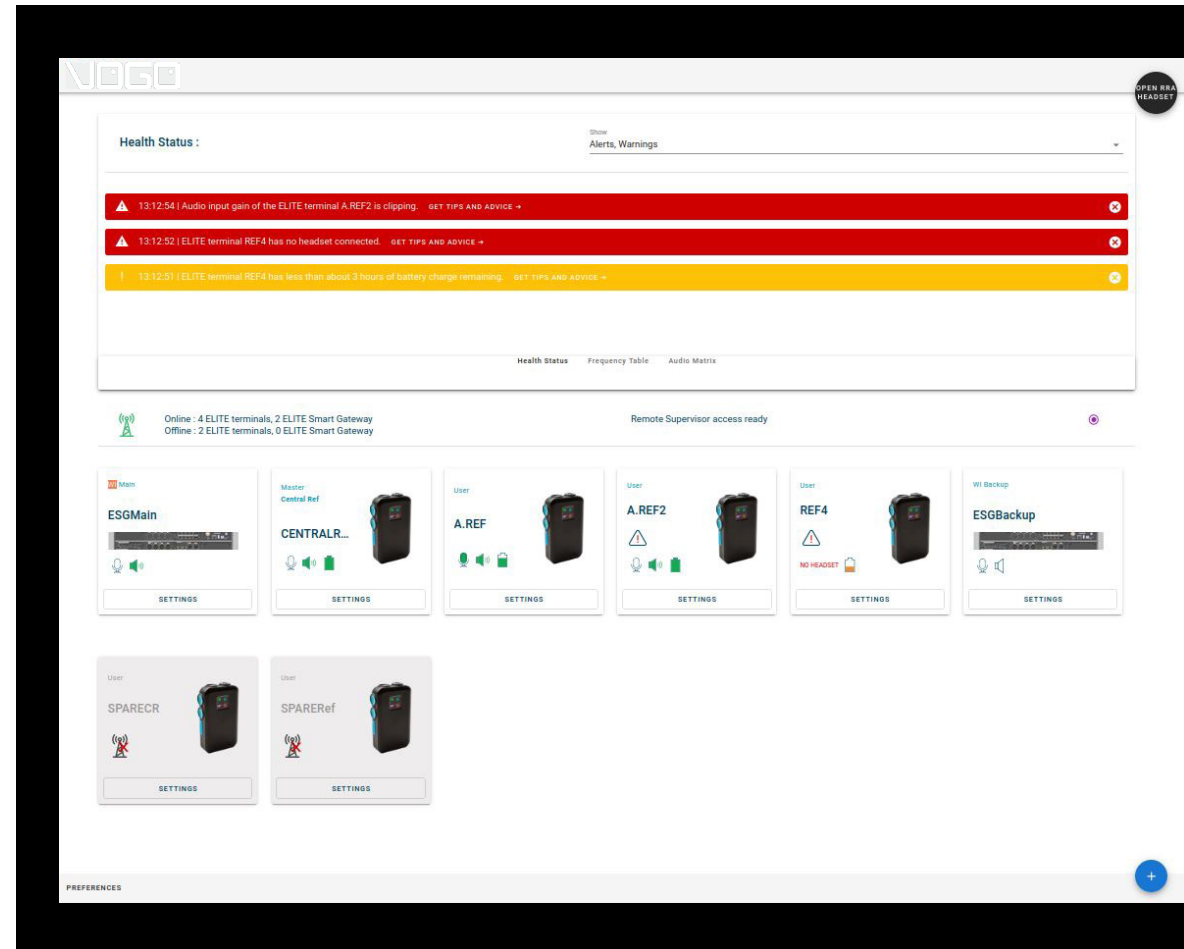
What does ELITE SMART GATEWAY contain ?

- Analog input card
- Elite Smart Gateway card
- Dante audio card
- Smart gateway supervision interface

- Analog output card
- Dual 5 ports Gigabit switch
- Integrated redundant
- Integrated redundant power supply

ELITE MONITORING DASHBOARD features

- Receive live notifications on the condition of the terminals, examine their operation, make the right decisions using the advice offered on each alert.

- Remotely configure the roles of ELITE terminals and correct any initial configuration errors.

- Configure the audio matrix of ELITE systems.

- Check the battery life, the quality of the reception and the radio transmission of each terminal.

- Change the radio frequency at any time to ensure the best audio clarity.

- Remotely configure the audio settings of the ELITE terminals as well as the whistle sound level.

- Extract a full report of the events of a match, Integrated time-stamp and ability to add comments.

Which audio settings via ELITE SMART GATEWAY?

Different audio interfaces

Analog audio (through XLR 4-wires) or DANTE digital audio protocol (through RJ45 or optical fiber) are available to interface smoothly with any equipment.

Several audio mixes for VAR and PA

Different audio outputs give access to specific audio mixes in parallel: all ELITE terminals, only the central referee, pitch-technicican,...The mix of the central referee alone can even be set continuously (for TV broadcast) or only when his Public Announcement button is pressed (for PA).

Operator mode

A second audio conference (parallel to the VAR comms) is possible through the same ELITE SMART GATEWAY. So that VAR service providers technicians can discuss and react to events in collaboration from VOR to stadiums.

Back up headset

A possiblity is given to connect a backyp headset via the fourth XLR input/output.

So that a wired and direct communication is even possible in case of big troubles from stadium to vor for the central referee.

Main technical specifications

VOGO

The ELITE SMART GATEWAY

Size: 483 x 253 x 88 mm
Integration: 2U – 19 inches
Integrated redundant power supply: 100 – 240 VAC – Maximum 50 W
Temperature/Humidity (non-condensing) not operating: -5°C to 70°C / Max 95%

Temperature/Humidity (non-condensing) not operating: 0°C to 50°C / 5% to 90%

Composition:

- Analog Input Card
    4 balanced 4-wire analog audio inputs
    4 professional XLR male connectors

- Analog Output Card
    4 balance analog 4-wire audio outputs
    Pre-configured audio mixes for VAR applications
    4 Dynamic professional XLR male connectors > 115 dB (A-weighted)

- ELITE Smart gateway Card
    RJ45 connector for access to monitoring data
    USB-A and USB-B connectors for wired pairing and software updates
    Wi-Fi atenna (for monitoring control via tablet) and VOKKERO radio antenna
    MAIN gateway or BACKUP gateway identification LED
    Network role identification LED
    LED for confirmation of remote-control centre (VOR)

- Dual 5 port Gigabit Switch Card
    Two linkable 5 ports full speed gigabit Ethernet switches 8 x RJ45 Gigabit connectors
    2 x SFP cages for two additional compact hot-pluggable SFP (mini-GBIC) transceivers available in many
    formats:
    - Mono-mode or Multimode Fibre Gigabit SFP transceiver
    - Single Fibre Bi-Directional Gigabit SFP transceiver
    - Copper/Ethernet Cabling Gigabit SFP transceiver

The DANTE protocol

- Dante Card
Connectors: EtherCon RJ45-XL and 2 x RJ45 connectors
Dante operating modes: Redundant integrated Gigabit switch
Sampling: 24 bits
Sample rates: 44.1 kHz, 48 kHz, 88,2kHz and 96kHz
Synchronisation: Automatic from Dante network

The ELITE MONITORING DASHBOARD

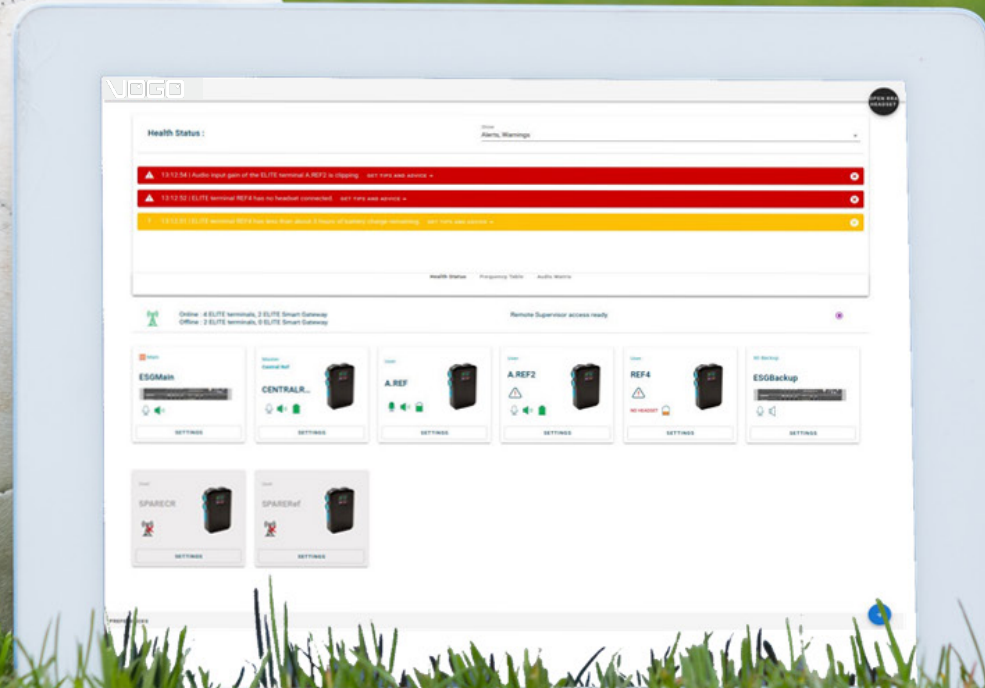Web tool for monitoring VOKKERO ELITE systems
Runs on all faourite web browsers
Secured Wi-Fi Monitoring dashboard administration access via passwords
Administrator or viewer user profiles

Contact us to experience our solutions!

VOGO