Telebrief – Secure mission-critical briefing system

- Advanced IP communication system for Air C2 operations

- Tempest-proof solution for highest information security

- RED/BLACK multi-level security architecture for secure and non-secure communications

- Secure telephone communications between commander and pilots in their aircraft on the ground

- Communicate mission critical data securely to seated pilots on the ground

- Customisable HMI according to your CONOPS to interconnect operators, radios and telephony

- Fighter status indication on telebrief panel

- Redundant and secure building block architecture to expand capabilities and capacities
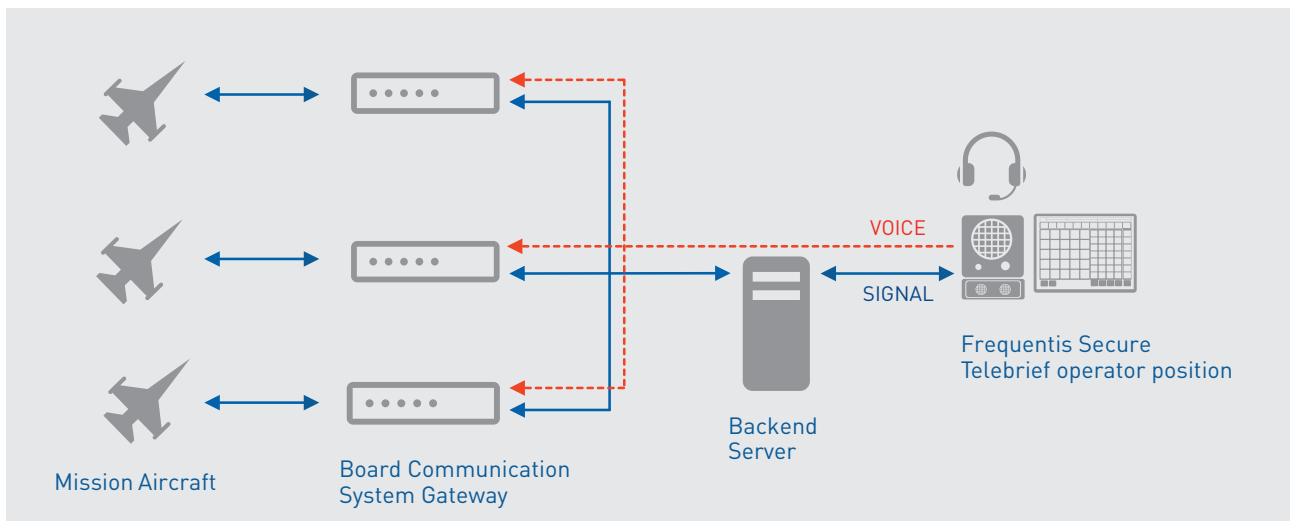
To be effective, military missions must be supported by accurate and timely information – and this is particularly true in the highly dynamic pre-launch phase.

Until now, once the aircrew have walked to their aircraft, a lack of secure communications may have denied them access to the very latest mission information. Frequentis solves this problem by providing a secure communication connection directly in to the cockpit, thereby enabling real time exchange of vital tactical information right up to the moment of departure.

Fully integrated into our existing iSecCOM secure IP-based multidomain voice communication system, or as a standalone system, Frequentis Telebrief includes a number of operator derived functionalities that enhance mission effectiveness.

Frequentis telebrief is a secure mission-critical communications system connecting the operation centre with mission crews right up to the time they taxi. It allows the swift interconnection between several selected communicators as well as the flexible extension of a call by forwarding, grouping and further helpful communication options.

The network is utilised to transmit time-sensitive and classified mission updates to the mission crews in the last few minutes before take-off enabling the continuous flow of the latest information between mission planners and executors to leverage overall mission effectiveness. The safety-critical nature of this tempest-proof solution grants highest transmission security combined with Frequentis' world-leading reliability.

FREQUENTIS

FOR A SAFER WORLD

Mission Aircraft

Board Communication System Gateway

VOICE

SIGNAL

Backend Server

Frequentis Secure Telebrief operator position

Latest mission information before take-off

Efficiency improvement in emergency situations

Mission briefing system via cable and board communication systems

Customisable user interface, status indication and controls

Tempest certified installation on request

First mission information before take-off

- Classified mission data transferred to mission crews when they are still on the ground
- Integration into customer environment by modular jet-interface concept

Efficiency improvement in emergency situations

- Faster and more flexible mission briefing
- Pilots can immediately access their jets and be fully briefed in-situ

Secure telebrief system

- Reliable and secure cable connection to the mission aircraft
- Frequentis modules for various board communication system interfaces
- Fully Integrated with Frequentis voice communication system

Customisable user interface (UI)

- Our user interface design team will adopt the user interface according to your concept of operations (CONOPS)
- Mission Aircraft status indication on UI

Tempest certified (optional)

- Rely on certified installations

FREQUENTIS