

Product brief: DICORA

All-in-one dispatcher terminal

DICORA is a resilient dispatcher terminal with intelligent audio integration built specifically for railway controller working positions. In conjunction with the powerful FTS 3020 Central Node and its broad range of IP, digital and legacy interfaces, DICORA addresses operator needs for bearer-independent voice and data communication, connecting local train stations - as well as large command and control centres - with train drivers, onboard service staff and maintenance staff on the tracks. Over 10,000 terminals have been delivered to customers worldwide.

Key features

Optimised for real working practices

Created in close cooperation with railway experts, DICORA optimises workflows for controllers. The compact terminal design features ergonomic, touch-oriented navigation, with context-sensitive and direct input facilitating easy communication.

Future-proofed to protect your investment

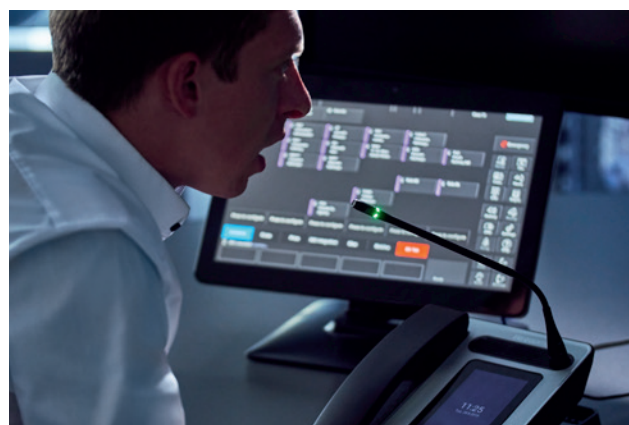
The decoupled, modular design of the AudioHub and Display module and the ability to support multiple parallel audio streams enable users to build on the system, for example through client user virtualization. By combining commercial off the shelf (COTS) components with Frequentis devices, DICORA minimises vendor lock-in.

Robust communications

Keeping audio independent from operating system updates, hardware interfaces and PC lifecycles ensures it is always stable. The commercial-grade terminals are robust enough for real-world usage, and include cable management and strain relief to help ensure service continuity at all times.

20+ years of experience in SW and HW development

Rely on software and hardware made by engineers with more than two decades' of experience. Adaptation of functionalities are possible to fulfil your needs and requirements.



DICORA at a glance

- Suitable for single-seat controllers or large teams
- Role management serves multiple areas of responsibility
- Based on the established DICORA application, enabling easy upgrade from earlier versions.
- List view of trains and mobiles in the area of responsibility, including call and messaging functionality
- Predefined conferences with up to 30 members
- User configurable Direct Access keys and personal phone book
- Dynamic Voice Group Calls in accordance with EIRENE



AudioHub

- Up to two parallel audio streams
- Flexible audio device assembly
- Certified audio devices assessment
- Easy-to-use call handling via 5" touch display
- Advanced audio processing & audio profiles
- Cable management & strain relief



Display Module

- COTS all-in-one touch PC with full HD display
- Cable-reduced design
- Secured interfaces
- Multi-purpose mounting
- Multi-functional stand
- Windows 10 IoT with locked down features

Benefits

Adaptable, secure configuration

With features such as user-configurable keys, flexible audio switching and advanced audio profile customisation, users can adapt the configuration so that it maximizes their own productivity. Locked-down functionality and central deployment help protect the system from security threats.

Technical specifications

Handset	Handset with PTT
Headsets	Wired Headset or wireless DECT Headset
Gooseneck microphone	HOLMCO Microphone with Accoustic Echo Cancellation (AEC) by BdSound for first grade communciation
Loudspeaker	4 Watt full-range loudspeaker (wooden cone) with Audio Compander (AC) for clear handsfree communication and excellent monitor calls
Power supply	110–240 V AC / 55W / fanless
UPS	110–240 V AC
Dimensions (W x H x D)	Display module: 200 mm × 106 mm × 264 mm AudioHub: 200 mm × 106 mm × 264 mm
Connectivity	110-240 VAC (optional)