



V-COM Product line

 Railway telecommunication product range

V-COM Product line

Active for over 50 years in the field of rail telecommunications, basing our success on technical innovation and offering its customers the best of technology with innovative solutions ranging from analog standards to VoIP and optical fiber, our applications allow you to communicate anywhere on any type of network.

NUMCOM-4000



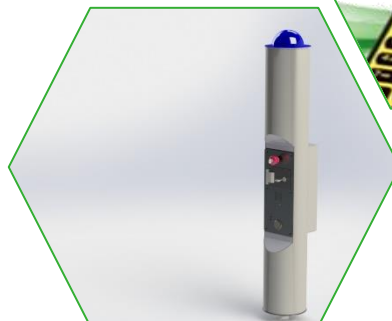
A railway modular telephone switch allowing the main following functions :

- ▶ Centralization of all the specific telephony lines (signal, level crossing, shelter, signaling equipment room, ...)
- ▶ Management from a console, everywhere on an IP network, locally or in OCC center
- ▶ Automatically re-routing communication towards pre-programmed console or line
- ▶ Centralization of all radio cab and GSM-R interface
- ▶ System with high availability with redundancy of vital sub-system and re-routing transmission circuits
- ▶ Fast maintenance with hot plug system, and alarm transmission to maintenance center (SNMP protocol)
- ▶ Live functional modification of console by using a login/password system
- ▶ NUMCOM-4000 is a full hybrid system supporting all interfaces (analog, digital, IP, optic fiber) and usable in a full IP network with a call manager

We provide a large range of outdoor telephone sets using copper wire, GSM-R, optic fiber, or IP network. Telephones are vandal-resistant, tele maintained, and can be self-powered by solar panel. Different versions are available: fixed and portable.

Intercom systems naturally complete our communication product range for railway. Blue light station (BLS) are one of the best solution to ensure communication and safety for automatic subways.

Outdoor telephone set for railway (TEF)



The V-COM product line is a range of railway safety telephony products based on digital technologies and analog. It is composed of:

- ▶ Outdoor telephone set: wired version (copper or optic fiber) or radio version (GSM-R)
- ▶ Work phone, OPH/GPH, GSM-R Gateway
- ▶ Digital switch
- ▶ Digital operating console
- ▶ Intercom and Blue light station (BLS)

With digital technology and its modularity, the V-COM product line allows interfacing with analog connections dedicated to the railway environment (Western, 5 tones...) as with digital connections (Ethernet, SDH, optical fiber...)

V-COM PORTFOLIO

Operating console and telephone switch can be used in a full IP Network without geographical constraints and connected to a general or regional call center.



IN BRIEF

- ▶ A large product line from telephone set to console and intercom
- ▶ Digital technology
- ▶ Can be connected with standard analog equipment
- ▶ Can be connected with new communication support: Ethernet, Optic fiber, GSM-R

V-COM Product line

References

- ALSTOM TRANSPORT
- ANESRIF
- COSEA/INEO (TOURS-BORDEAUX LINE FRANCE)
- EIFFAGE
- ESTEL
- INEO
- OCVIA
- ONCF (MOROCCO NATIONAL RAILWAY)
- SNCF (FRENCH NATIONAL RAILWAY COMPANY)
- SNTF (ALGERIAN NATIONAL RAILWAY COMPANY)
- SITE
- SNEF
- THALES
- SETRAG
- SIEMENS



VOSSLOH experts are ready to help any railway or urban network to examine a specific technical and economic solution adapted to their telecommunication requirement.

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