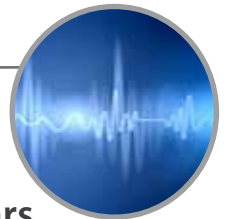
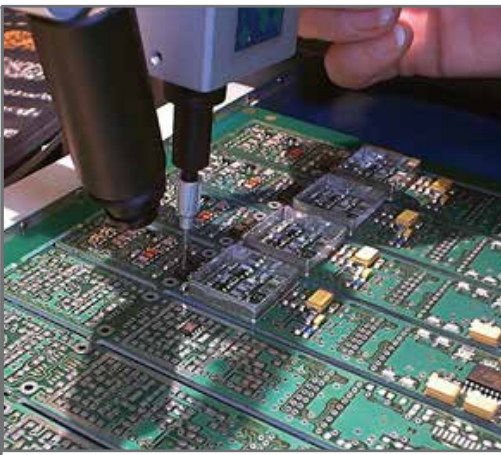


INFORM SUPERVISE SECURE





Expertise

Bouyer is a company that is part of the DEF Network and has 80 years of experience in sound equipment !

Bouyer is guided by a strong sense of innovation which is the basis of its existence and evolution in France and over the world.

🌀 Bouyer has the complete control of its value chain through gathering in its plant the whole activities which build its know-how :

- > Conception
- > Development
- > Production
- > Integration
- > Installation
- > Maintenance

🌀 As a specialist in railway sound equipment, Bouyer integrates technologies in a secured architecture with :

- > High reliability equipment
- > Intelligible broadcasting in noisy and harsh environments
- > Operational specificities
- > Increased resistance products

🌀 In order to deliver solutions matching your needs :

- > Inform
- > Communicate
- > Evacuate
- > Protect

🌀 A project team is at your disposal to **understand, study and analyze your requirements.**

A R&D department designs and realizes **custom-made solutions** : audio routing matrix (CATI bi-synthesis management / Consoles / PRS / Station manager / Exploitation / Maintenance / Assistance), digitized announcements, touchscreen workstation, remote maintenance, customized microphone consoles, remote supervising (audio correcting, event reporting ...), IP network interfacing.



Solutions

- > Embedded public address
- > Announcements broadcasting
- > EN54 security sound system
- > Intercommunication
- > Paging



ALSTOM



BOMBARDIER
l'évolution de la mobilité

Products

- > Routing matrix
- > Touchscreen workstation
- > Loudspeakers
- > Intercoms
- > Microphone consoles



Services

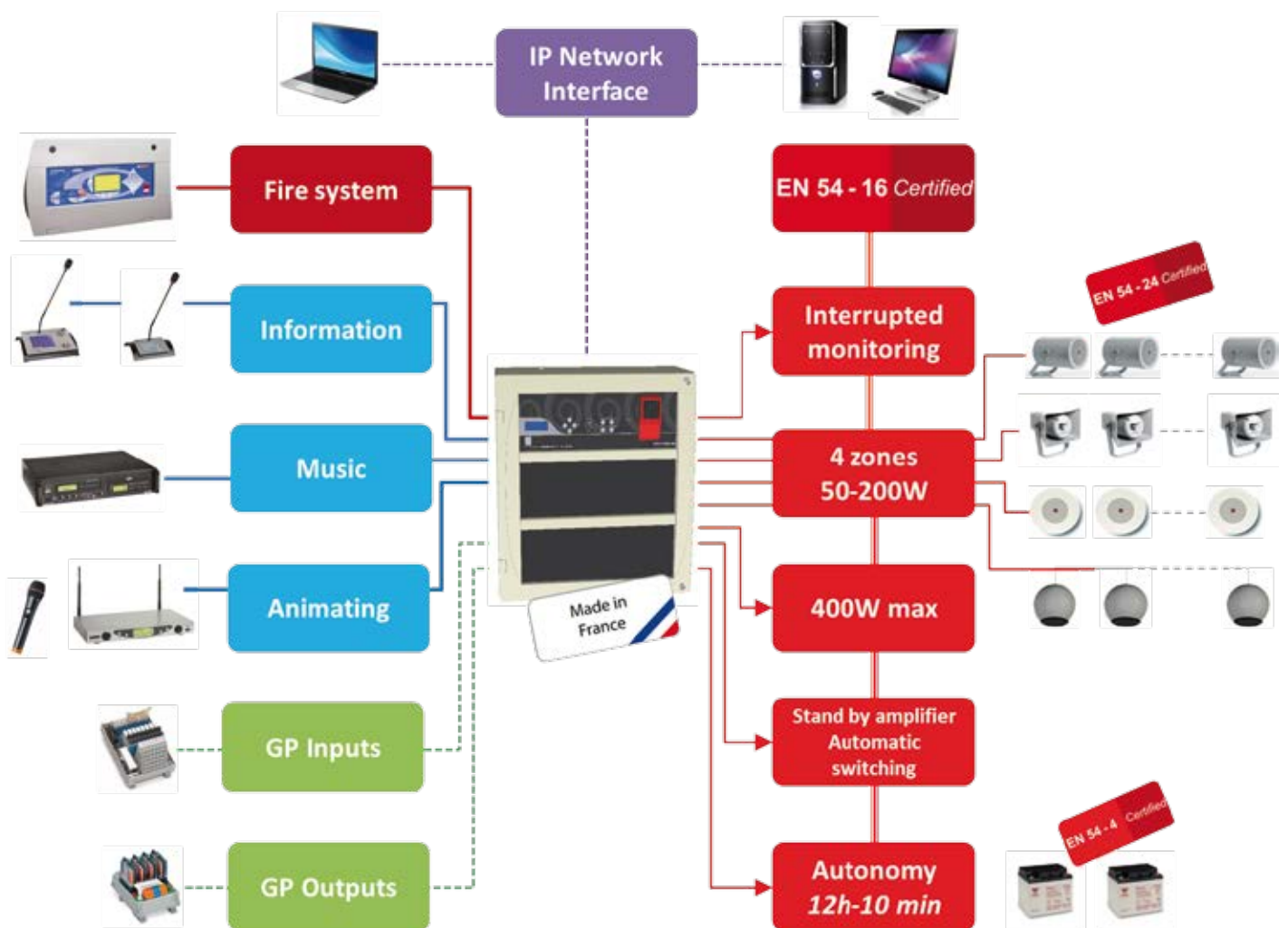
- > Tailor-made developments
- > Audit and Design
- > Installation and Commissioning
- > Training
- > Maintenance

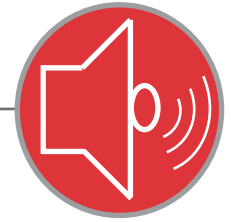


Typical Architecture



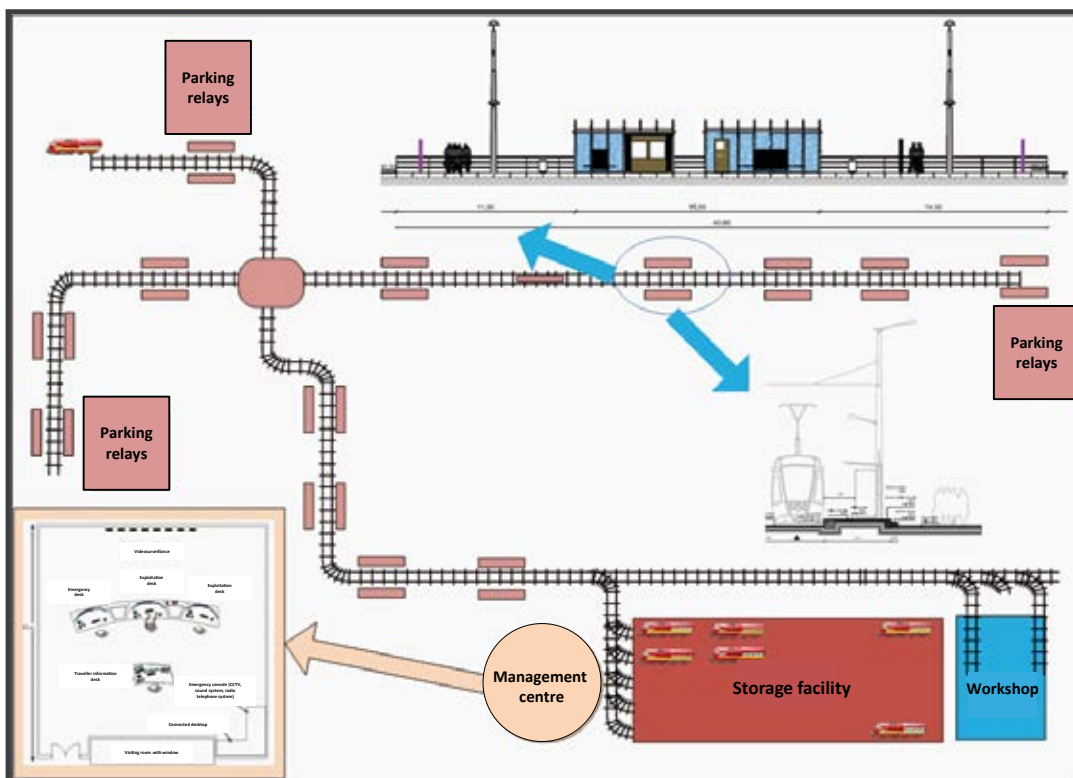
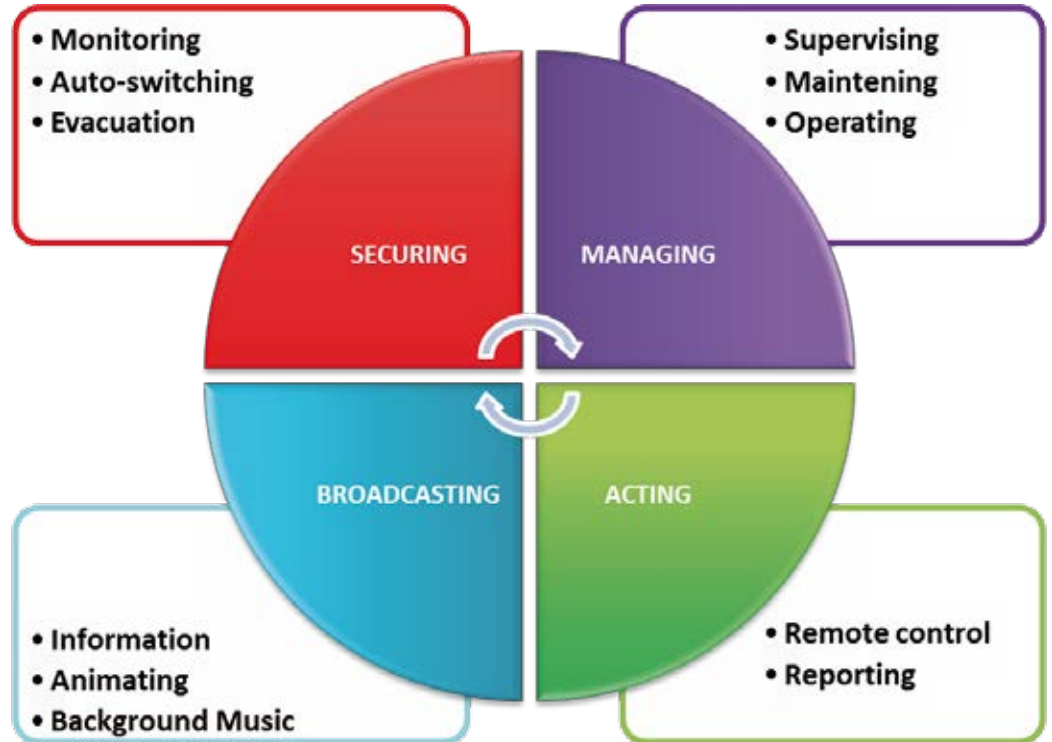
Stations / Metro stations / Tramway stations / Crossing nodes





Broadcast a message

Railway network sound system goals :



Railway station network schematics :

- > Platforms - Stations
- > Parking relay
- > Storage facility
- > Workshop
- > Traffic management center

Our know-how



In France, Bouyer is present in **600 train stations** and more than **300 metro or tramway stations**.

Focus on the Paris Montparnasse train station sound system update :

🌀 Train station information :

- > 50 000 000 travellers per year
- > 28 tracks
- > 9 TGV platforms (500m)
- > 1 metro infrastructure
- > 1 shopping mall

🌀 Sound system before update :

- > 1990 : active loudspeaker, integrated amplification and delays management
- > 1993 : computer matrix and first exploitation touchscreen panel



Our know-how



- 2008-2012 Paris Montparnasse train station update :
 - > Implementation of the Bouyer DSP matrix
 - > Network supervision
 - > Digitized announcements interfaces
 - > Implementation of the remote maintenance
 - > Interfacing of new peripherals
 - > Double CATI management

Interface customisation



Ether
ES
Sound



Implementation of the 8X16 matrix modules
Ethersound by Bouyer



FRANCE

-  Train stations
 - > Montparnasse
 - > Roissy CDG
 - > Lille Europe
 - > Le Havre
 - > Toulon

-  Metros / Trawmays
 - > Lyon
 - > Toulouse (métro & tram)

-  Embedded equipment
 - > TGV Duplex
 - > TGV Nord
 - > TGV Atlantique
 - > TGV Méditerranée
 - > TGV Est



INTERNATIONAL

-  Train stations
 - > Algiers tramway – Algeria
 - > Tunis tramway – Tunisia
 - > Jakodessewa – Togo

-  Metros
 - > Brussels – Belgium
 - > Caracas - Venezuela
 - > Singapore – Singapore
 - > Buenos Aires - Argentina

-  Embedded equipment
 - > M6 SNCB – Belgium
 - > TGV Morocco



EN 54 Certified



Made in France

DEF Belgium

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