

silex

Your proven, frugal
signalling solution

mobility



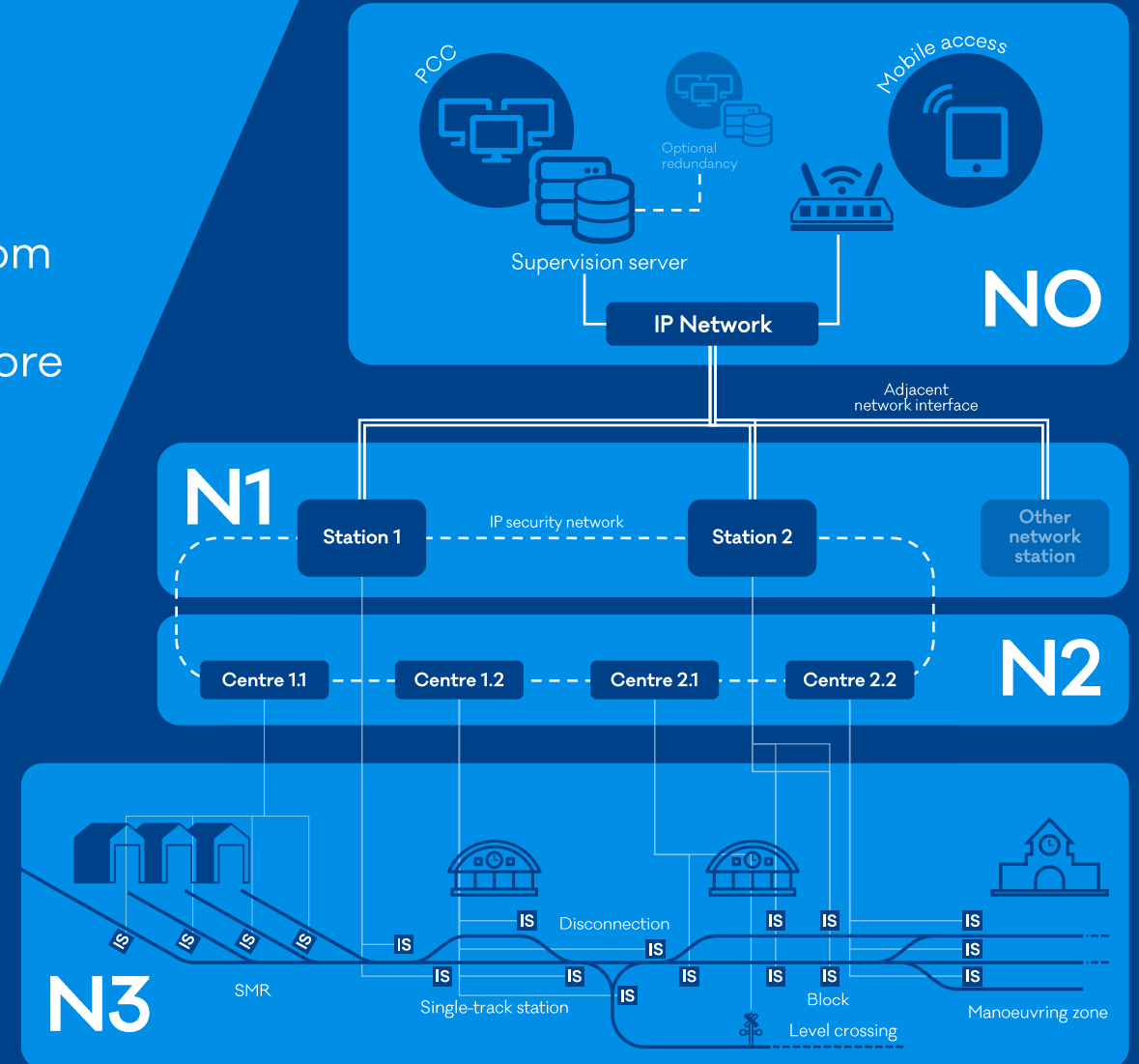
More trains, less CO₂

Decarbonising transport requires a modal shift from road to rail.

This development calls for rail systems that are more sustainable, quicker to deploy and less expensive.

Signalling is the key to a high-performance rail system

To meet this need, Mobility is deploying Silex: a SIL4 computerised signalling station, adapted to urban, interurban and industrial rail infrastructures.



Invest as fairly as possible



All your needs

All the signalling functions you need for your business.

A level of availability to suit your requirements.
Integration with existing facilities.

Nothing but your needs

No unused functions.

No oversized architecture.

No compulsory replacement of field equipment.
A level of security tailored to requirements.

Increase productivity



An intuitive user experience

Focused on useful information (itinerary, alarms, status feedback).
Suggestion of relevant orders.
Remote access (pc, tablet, smartphone).

Easy maintenance

100% of equipment supervised.
Recording and replay functions.
Contextualisation of alarms.
Calling up the associated maintenance procedures.

Secure your deployment



Shared challenges

Function
Architecture
Migration principle
Operating constraints

Guaranteed delivery time

Optimised processes
Transparent planning and
precise monitoring
Intermediate milestones

Proven safety

Support through to
authorisation for
commissioning





Stay free !



Off-the-shelf products

Products that are widely used in industry, enabling the risk of obsolescence to be greatly mitigated.

Standard interfaces

Use of standardised interfaces and protocols to enable equipment to be replaced.

Freely scalable

The documentation provided allows the system to be upgraded by a qualified third party, without the need of Mobility.

Safety first

Application of French decrees

STPG : Decree no. 2017-440 of March 30th, 2017, on the safety of guided public transport.

ISD or “Security-Interoperability” decree : Decree no. 2019-525 of May 27th, 2019, on the safety and interoperability of the rail system.

DVFLV : Decree no. 2022-664 of April 25th, 2022, on the safe operation of local passenger rail transport services.

Cenelec Compliance

Compliance with railway standards **EN 50126, EN 50128, EN 50129.**

Safety file

We assist you in the preparation of your safety file, from **SIL 2** to **SIL 4**.



A responsible choice

A solution made in Europe

Our **partners** are **local and responsible**.
We use exclusively **European equipment**.
Your solution is **designed and assembled in Lyon (France)**.

VINCI Group's commitment

Reducing our direct GHG emissions by 40%
by 2030.

Carbon neutrality in 2050.

Promoting **inclusive growth**.



Key figures

In 2024, Silex is :

 7 operators

 59 signalling stations
in service, controlling :

 396 switches

 699 signals

 663 detections

 726 routes

 2,6 M operating hours

They trust us.



HITACHI



MÉTROPOLE
NICE CÔTE D'AZUR



KEOLIS



RTM



SYTRAL
MOBILITÉS



ALSTOM

enjoy
the
way^{mo}

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