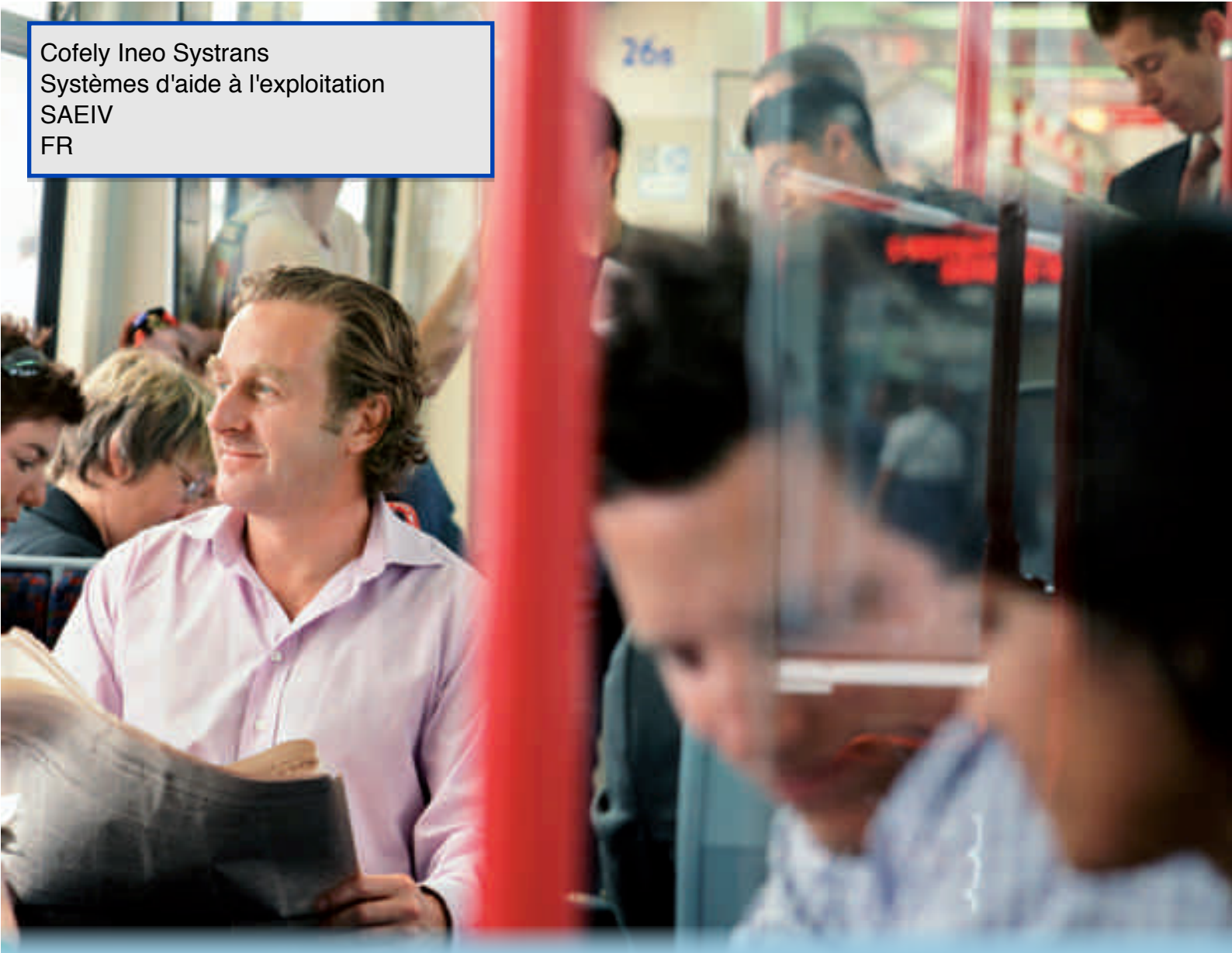


Cofely Ineo Systrans
Systèmes d'aide à l'exploitation
SAEIV
FR



Ineo Systrans

At the **service**
of **public transport**
a CAD-AVL & RTPI
world leader

COFELY INEO
GDF SUEZ



To improve quality of service in public transport

The Ineo Systrans CAD-AVL (Computer Aided Dispatch and Automatic Vehicle Location) system helps operators to run buses, BRT and light rail vehicles on time and to optimize network operation.

- > **Real time service optimization:** With Ineo Systrans CAD-AVL the operator accurately monitors the quality of service delivered to passengers. The dispatchers can improve the quality of service through command actions such as designing detours, adding or modifying schedules or services. Passengers are informed in real time of every schedule or service modification.
- > **Environment:** The Ineo Systrans CAD-AVL system is fully compatible with Traffic Signal Priority system and can trigger priority request based on vehicle position and status (ahead or behind schedule, priority level) saving fuel consumption and increasing commercial speed.
- > **Fleet and driver management:** The Ineo CAD-AVL helps operators, to manage their fleet and drivers assignment, to monitor in real time all information needed for an efficient use of resources and to provide batch data and statistics on performed services.

To deliver accurate and easy to use information to passengers

Real Time Passenger Information (RTPI) is essential to the development and attractiveness of public transport. The Ineo Systrans CAD-AVL system is a RTPI platform using various up to date media to deliver accurate information to passengers.

- > **To guarantee the accuracy of information:** Real Time Passenger Information directly comes from the CAD-AVL system and provides in Real Time the exact situation of the service delivered to the passengers.

- > **To diffuse the information everywhere to everyone with no exception:** Passengers will access information through all kind of media starting at home on the Internet, in the street on mobile apps, at stop on signs or panels and finally in the vehicle on screens or by voice announcements.

People with disabilities have access to voice announcements at stops and in vehicles as well as dedicated mobile apps.

- > **To offer multimodal Real Time information:** The efficiency of public transport depends on its variety – paratransit, car pool, ride-a- bike, park and ride, buses or light rail – Informing passengers on every different mode is essential – Ineo Systrans has implemented standardized interfaces to share Real Time information within these modes, offering a comprehensive information system to passengers.



Ineo Systrans has installed, commissioned and maintained more than 100 CAD-AVL and RTPI systems around the world in Europe, North America, North Africa and the Middle East.

Main references

RATP (Paris), Greater Paris Area (Veolia and Keolis), Brussels (Belgium), Geneva (Switzerland), Québec (Canada), Edinburgh (Scotland), Barcelona (Spain), Algiers (Algeria), Dubai (UAE), Jerusalem (Israel), Casablanca (Morocco), Lincolnshire (UK), Bordeaux, Strasbourg, Toulouse, Lille, Rennes, Nice (France)...

The expertise and flexibility of a human size company, the strength of a major worldwide group

Ineo Systrans is a reference in CAD-AVL systems for transport authorities and urban network operators. Since 1979 more than 100 networks in the world have taken advantage of reliable, cost effective and functionally rich CAD-AVL systems designed and supplied by Ineo Systrans.

Ineo Systrans a company within GDF SUEZ group :
GDF SUEZ develops its businesses (electricity, natural gas, services on a model based on responsible growth to take up today's energy and environmental challenges: responding to energy needs, ensuring the security of supply, fighting against climate change and maximizing the use of resources.
GDF SUEZ employs 240,000 people worldwide with revenues of €100 billion in 2012.

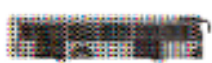
Key figures

50 M€
Of Turnover

370
Employees

100
System in operations

30 000
Equipped vehicles





Evolute technologies

For increased system life duration and optimized possession costs

- > Service and maintenance to improve reliability, availability and maintainability (RAM).
- > Remote system monitoring and maintenance tools, long term obsolescence policy and investment planning for increased system life cycle.
- > Central systems, on-board equipment, communication systems (analog and digital radio technologies), passenger information systems and displays, multimedia web applications, project and risk management, software development, V cycle.

Performance change management

- Ergonomic design,
- Change management policy,
- Hands-on training, are key elements for improved staff performance.

- > **User friendly interfaces, user-groups experience sharing**, comprehensive in-house training facility, reinforce system acceptability and widen functional usage.
- > **Ineo Systrans locations**
Paris: headquarter, R&D and training center
Lille: Maintenance services, repair center
Poitiers: Equipment design and manufacturing
Montreal: North America headquarter



Sustainability and Innovation: For the future of public transport

Ineo Systrans spends every year 6% of its turnover in R&D:

- > Navineo: multi operator CAD-AVL and RTP1 system for intercity, small and large urban networks,
- > Tactileo: multi-application touchscreen driver console,
- > Soleo: fully solar-powered street signs,
- > Ucineo: a whole range of onboard computer.

Ineo Systrans is an active member of:

- > UITP (International association of public transport),
- > SIRI European committee (Service Interface for Real time Information),
- > EBSF European program (European Bus System of the Future),
- > RTIG (Real Time Information Group),
- > CUTA (Canadian Urban Transit Association).

Ineo Systrans has recently been awarded:

The Scottish Transport Award for “excellence in technology and innovation” for the Edinburgh bus tracker web apps.

The 2010 UITP (International association of public transport) Award for Innovation in multimodal information with the Real Time information system in Rennes (France).



Our Values

Innovation

Integrity

Responsible growth

Customer satisfaction

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