

# IER: TICKETING SOLUTIONS TO MULTI-MODAL TRANSPORT NETWORK

IER HAS ACCOMPAGNIED THE MAJOR EUROPEAN RAILWAYS FOR MORE THAN 30 YEARS WITH COUNTER TICKETING SOLUTIONS FIRST AND TICKET VENDING MACHINES MORE RECENTLY. DURING THE PAST TWO YEARS, OVER 1,500 IER TVM HAVE BEEN DEPLOYED THROUGHOUT THE SNCF MAIN LINES NETWORK IN FRANCE. IER PROPOSES MODULAR, HIGH TECH KIOSKS ALLOWING YOU TO MEET THE QUICKLY EVOLVING NEEDS AND HARSH ENVIRONMENTS.



IER is a world leading manufacturer and supplier of ticketing, self-service and boarding control solutions for large transportation networks. Our total installed base of Ticket Vending Machines and printing terminals exceeds 250,000 units designed by our internal R&D department, manufactured in our production plants, deployed and maintained in 80 countries worldwide.

Over 40 years, IER has developed a widely recognized high-tech know-how as well as an excellent mastery of the industrial process.

For several years now, IER has been developing and deploying a comprehensive range of innovative solutions for ground transportation networks: train, subway and tram. This range includes **counter ticketing printers, ticket vending machines, access control equipment and consumables.**

IER is today a close partner of the major railway operators and system integrators, among which the French, Spanish and Belgian railways, Eurostar, Amtrak... and has equipped over 7,500 railway stations around the world with ticketing solutions, among which 1,500 ticket vending machines deployed in France in the SNCF network.

*Our main production plant (11,000 sq. metres) located in Besançon (France) is dedicated to systems & kiosks assembly. Its annual capacity is of 25,000 units.*

## EXPERTISE, FLEXIBILITY AND PERFORMANCE

Our long experience in designing specific solutions for passenger processing results in a large and highly specialized R & D team focused on both hardware and software developments. Our flexibility allows us to quickly design modular solutions, customized to your specific needs with the best standardized modules on the market.

Our solutions include full function hardware: reliable ticket/card printing and dispensing systems handling both magnetic and contactless tickets, payment modules, contactless card readers, integrated in sturdy casing offering anti-vandalism protection suited for both indoor and outdoor environments. Our offer also includes client applications and monitoring software, project management, installation, maintenance and high level dedicated services that make our offer for ground transportation ticketing one of the most comprehensive on the market. In addition, we manufacture a large range of consumables including magnetic tickets and contactless ISO tickets ...

## FOR A SEAMLESS MIGRATION TO CONTACTLESS TICKETING

In the near future, the main challenge for mass transportation or railways integrators and operators is to migrate from their current systems towards contactless systems. IER's added value lies in its specific capacity to help them in this process. To facilitate this migration, our range of solutions include both complete ticket vending machines, the IER 998T range, as well as a multiple format (ISO/Edmonson) ticket printer, the IER 570, available either in counter or OEM/TVM versions.





### Some of our references in the Public Transport industry:

- AMTRAK (USA)
- BRITISH RAIL (UK)
- EUROSTAR
- GNER (UK)
- SMART-TEC (Luxembourg)
- NS REIZIGERS (Netherlands)
- RENFE (Spain)
- SNCB (Belgium)
- SNCF (France)
- SWEDISH RAILWAYS (Sweden)

### Some of our references in Ticket Vending Machines:

- SNCF (1500 units)
- ARRIVA (Dutch Railway)
- BAA (British Airports Authorities)
- EASYJET
- NS (Dutch Railways)

### IER 998T: THE UNIVERSAL AND VERSATILE TVM DESIGNED FOR ALL ENVIRONMENTS

The IER 998T ticket vending machine is the ideal answer to the self-service requirements of ground transport operators. Sturdy, offering a very wide choice of options and very high autonomy, the IER 998T ticket vending machine is particularly well suited to **transport ticket selling, reloading and dispensing applications.**

Versatile, it handles both **magnetic tickets** and **contactless tickets.** Thus, it allows operators to seamlessly migrate to contactless technology.

The integration of the latest technologies ensures that the IER 998T TVM provides optimum performances: **industrial PC, high-visibility screen, touch screen, card stacker and multiple means of payment.** The integration of the IER 570 printer in the ticket vending machine enables printing in Edmonson (TFC.0) and ISO (TFC.1)

format, in magnetic and contactless mode.

The IER 998T ticket vending machine exists in two versions: the wider version has a coin-accepting and change-giving system with recycling. Less than 1 metre wide, it concentrates a maximum number of functions in minimum space. The narrow version, without a coin-accepting system, can be integrated even in the most restricted spaces.



### IER 570: ISO/EDMONSON TICKET PRINTER COUNTER OR TVM VERSION

The IER 570 printer is the new reference model for printing of tickets in ISO (TFC.1) and/or Edmonson (TFC.0) format. It is the ideal solution to meet the most demanding requirements in the transport ticket printing industry.

With its **4 independently configurable supply channels, its magnetic and contactless ticket encoding capacities,** and its high-quality and high-performance "direct thermal" technology printing, the IER 570 is the universal printer for the ground transport world. It is available in a ticket counter version or in "OEM version" for integration into self-service ticket vending machines.



### THE UNIVERSAL PRINTER

The IER 570 printer can take two ticket formats, ISO (TFC.1) and Edmonson (TFC.0), for magnetic and contactless processing. Its 4 supply channels can be configured in 4x1, 2x2 or 3+1 mode. The operator is therefore free to choose the optimum mode for his

paper and stock management.

In 2x2 mode, the operator can use double format, i.e. 2 supplies in ISO and 2 in Edmonson. This versatility enables transport operators to **switch easily from Edmonson format to ISO format and from magnetic to contactless technology.**

The IER 570 printer is fully compatible with operators' existing ticket stocks: whether they are conditioned in roll or fanfold form, with magnetic track in ISO2, ISO3, central ISO or central Edmonson position, or contactless ISO 14443, the IER 570 printer offers impeccable quality and speed of printing and encoding.

### ABOUT IER:

IER, a subsidiary of the Bolloré group and the world leading supplier for major transportation networks, develops a full range of solutions dedicated to passenger processing. Our customers benefit from IER's strong international presence: more than 1,000 employees in 11 countries, 17 international sites, 13 regional sites, 6 production plants.

R&D: IER has invested significantly in the design of its ground transportation products both in terms of hardware and software for more than 10 years.

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