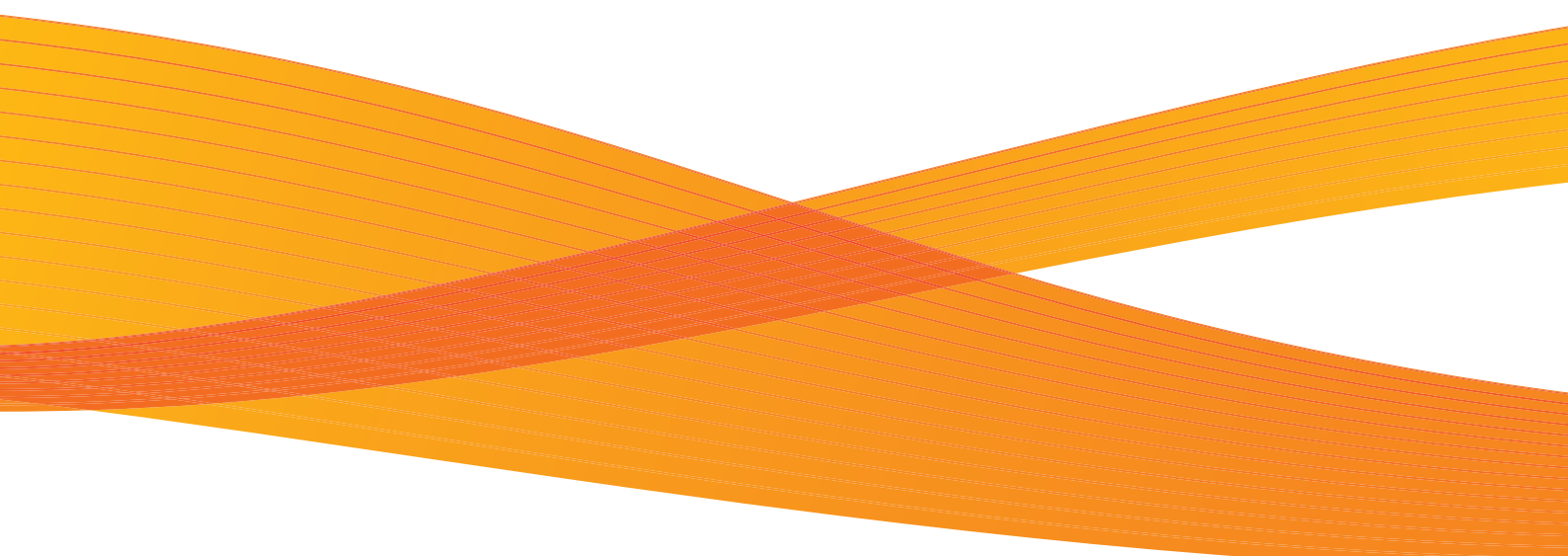


Israel is aiming for nationwide interoperability.

We paved the way with Israel Railways

In association with a local partner, we provided the rail network with a ticketing system that complies with national standards and is integrated into the central system.



# We supplied Israel Railways with customised contactless ticketing equipment complying with national standards

In a country covering 20,000 km<sup>2</sup>, Israel Railways operates 55 passenger stations from Nahariya in the north to Beersheba in the south. The extent of its network makes Israel Railways, which carried 35.1 million passengers in 2008, the natural backbone of the national interoperability project being promoted by the Ministry of Transport.

## The Challenge

Israel Railways wanted to overhaul its fare collection system, a magnetic ticketing solution introduced 15 years ago, in order to comply with the interoperability standards adopted by the Government based on the Calypso contactless technology. The Amanet group, in charge of the project and responsible for developing the rail network's new central ticket and reservation management system, was looking for a partner capable of providing a complete range of high-end ticketing equipment along with software integration, installation and maintenance services. With a view to optimising the project from the economic standpoint, the partner would also have to be able to upgrade certain recently installed items of equipment. And in addition the schedule was very tight: the first equipment would have to be deployed on site less than 14 months after the contract was signed.

### In a nutshell...

With our local partner Ludan Symcotech and at the request of project manager Amanet, we equipped the 55 stations of the Israel Railways network with a

## The Solution

As part of a turnkey package, we delivered all the peripherals intended for the project manager Amanet to Ludan Symcotech, our partner in Israel for more than 17 years. These included four types of point-of-sale terminal for purchasing and/or reloading contactless cards and selling disposable contactless tickets and magnetic tickets. We also equipped the network with automatic vending machines, control modules and validators for disabled users. All the equipment is bilingual (English-Hebrew) and compliant with the client's ergonomics specifications. It was installed by our local partner, who will also be responsible for maintenance in the stations for a period of 15 years.

## The Result

Israel Railways now has ticketing equipment tailored to its needs and integrated into its central system. As for the Ministry of Transport, by generalising the Calypso card throughout this major network, it has made great strides towards implementing its interoperability policy.

complete range of contactless ticketing equipment complying with the Ministry of Transport's standards to pave the way for nationwide interoperability.



**Sector:** Local Government

**Solution:** Fare Collection

**Client:** Israel Railways

**Challenge:** Preparing nationwide interoperability

**Result:** A national rail network and 55 stations fitted with contactless ticketing

## Key Figures

### Network

- 55 passenger stations
- 8 main lines
- 35.1 million passengers in 2008

### Equipment

- 63 point-of-sale terminals for magnetic and contactless tickets
- 89 automatic ticket vending machines accepting credit cards, notes and coins
- 100 control modules
- 60 "steward validators"