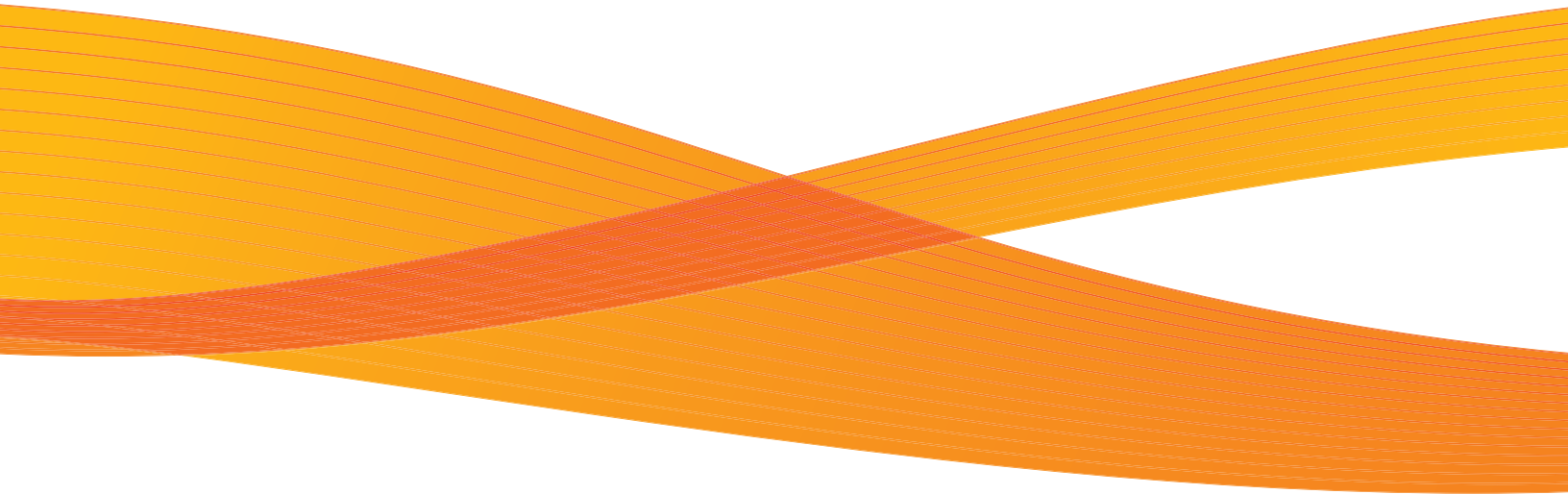


# As Paris bid adieu to old Métro cards, we ushered in a new era in travel.

Our contactless access control gates and “Navigo” reloadable smart cards have made travel more convenient.



# We helped Paris succeed in replacing “green” Métro tickets with new reloadable contactless smart cards.

## The Challenge

The Paris Métro and RER lines helped pioneer contactless ticketing. In 2001, the City of Lights undertook a major initiative project to replace its famous, magnetic-striped “green” Métro tickets with new contactless smart cards. To usher in this new technology, and this new era, ACS was called in.

## The Solution

We’ve been involved in this project since 2000. First, we designed contactless access control gates to provide passengers with unprecedented ease of use. They simply wave new “Navigo” passes – a reloadable contactless smart card using Calypso technology – at a target to validate their tickets. The transaction is almost instantaneous, which speeds passenger flow. We equipped more than half of RATP gates with contactless readers.

The Navigo pass has since been issued to all holders of one-year season tickets. They were issued to holders of all types of season tickets and multi-journey tickets. To read those cards, all transport networks in the Paris region have been equipped with contactless validators.

From the outset, the Navigo pass has included an electronic purse. Many passengers use it to pay for extra fare charges or purchases in a station. To make contactless ticketing available to occasional travelers, we also developed software for processing new low-cost contactless tickets.

Interoperability is in full deployment, thanks to the new ticketing systems. A passenger can use the same contactless ticket for all networks in the Paris region, including the national railways, RATP and Optile.

## The Results

Paris has successfully evolved its public transit fare system for the new millennium. By replacing its famous “green” Métro ticket with a new contactless smart card solution, the city has ushered in new technology – and with it, a more convenient means of passenger travel.

## Contact Us

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**Sector:** Public Transportation

**Solution:** Interoperable Contactless Ticketing

**Client:** Paris, RATP

**Challenge:** Evolved “green” Métro tickets to a new contactless solution

**Result:** Next-generation contactless ticketing and access control system

## About ACS

ACS is part of Xerox’s \$22 billion global enterprise, with 130,000 employees serving our clients in 160 countries.

You can learn more about us at [www.acs-inc.com](http://www.acs-inc.com).

## The Bottom Line

Paris undertook a major initiative to replace its famous “green” Métro tickets with new contactless smart cards. We deployed contactless access control gates and new “Navigo” contactless smart cards

for instantaneous transactions and speedier passenger flow. Paris has ushered in new technology – and with it, a more convenient means of passenger travel.



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