FLOWBIRD
Urban Intelligence

OPTIMIZED MOBILITY
TO SERVE CITIES AND PEOPLE.

CLOUD

PRODUCTS

STREETSMART

FROM PAY AND DISPLAY TO MULTI-USE KIOSK: THE FLOWBIRD SOLUTION

CONNECTIVITY

INTEGRATION

INTEROPERABILITY

The layout of cities are becoming increasingly dense. The issue of mobility is becoming more acute and communities around the world are facing new constraints, developing new methods and a new way of living in the city. In a multi-modal world, the city of the future has no option but to be smart! Flowbird, a city partner for over 50 years and the only player in the field to have invested massively in R&D, can now offer unique expertise through StreetSmart, an overall technological platform with unlimited benefits.

From Pay & Display to Multi-Use Kiosk

Today, technology plays a key role in everyone's daily life. In terms of mobility, city residents are often at the forefront of the digital revolution, expecting more fluidity and personalized services.

For city authorities, much is at stake. They need to publicize and enforce their mobility policies, while also providing services to their citizens for integration, synergy and on-going solutions.

As the true hub of expertise in all these fields, Flowbird has designed StreetSmart for an elite user interface. More than a Pay & Display machine, it is a valuable platform of services for those who are out and about, limited only by the creativity and imagination of cities! This open, modular, multimodal and secure device provides users with all kinds of services, whether they involve payment or not.

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An original and innovative solution

To address new digital behaviours and ensure the best user experience when it comes to parking payment and other services, StreetSmart offers a secure 10-inch (tablet-sized) colour touch screen (that allows zooming, sliding, etc.) with interfaces and operating sequences similar to those of the mobile apps with which users are already familiar. All the technology integrated into the device is of the latest generation: processor, 4G modem, ability to broadcast HR video (with sound, via a headphone jack), optical barcode/QR code reader, etc., offering the reliability that has made Flowbird products so successful for 50 years. The StreetSmart terminal is independent, solar powered and capitalises on some components that it shares with the current line of Flowbird terminals.

Payment management: modularity and bank card security

The StreetSmart terminal can handle all payment methods. With its modular and fully secure system, it accepts coins, contact and contactless bank cards, contactless city cards and mobile phone payment (Apple Pay, Android Pay, Samsung Pay, etc.) using NFC technology. It allows the local authority to manage the entire payment process, up to the penalty charge notice, and covers the particularities defined by towns for the different types of user for which they have developed particular policies: residents, healthcare professionals, merchants, etc. Here too, the expertise of Flowbird, which currently processes more than 150 million bank card transactions every year across the world, offers maximum bank card security and efficiency.

An Intuitive Back-Office Management System

StreetSmart is connected to centralized analytics software, providing real-time access to all data managed by the terminal. This includes necessary communication such as technical monitoring, sales tracking, strategy optimization, advanced reporting and more. All of the data can be exported into CSV format for advanced reporting analysis. Likewise, maps and graphics are exportable in JPEG or PDF format. Easy-to-use software enables staff to access and exchange information for greater efficiency and accurate reports.

A Scalable Platform open to 3rd Party Integration

As digitization becomes more widespread, today's cities must be able to support a large number of 3rd party technologies, making fluid communication between them more complex. Flowbird is the only player to have invested massively in R&D to become an integrator at the service of cities. The StreetSmart solution uses a fully open Android operating system that allows cities and operators to develop personalized applications. That means that all third-party applications can be installed independently on the terminal. In addition to parking payment, applications can be installed such as ; subscriptions, city information, local store paid advertising and deals - the creation and development of new services are now only limited by imagination!