Xerox is the world’s leading enterprise for business processing and document management. Our technology, expertise and services enable workplaces, from small businesses to large global enterprises, so they can operate more effectively and focus on what matters most: their business.

We offer business process and information technology outsourcing services for both commercial and government organisations worldwide covering disciplines including finance and accounting, human resource management, customer care, communication and marketing services and transportation.
Our Commitment

With more than 46 years’ experience, we have become the leader in Car Park Management Systems worldwide.

Whatever the size and scope of your project, we have the expertise to ensure that deployment is on time and within budget.

Our Customers

We supply parking solutions to a diverse range of customers around the world; from the world’s busiest airport and Europe’s largest hospital to smaller, more local off-street services, we have the ability to tailor the solution for you. Due to the ease of customer interface and the aesthetically pleasing design, Xerox® MultiPark is also very popular within the shopping centre market place, offering our customers a product that can not only cope with the demands of a 21st century retail outlet, but also looks good and gives the right impression to parking customers.
Mobility Analytics Platform – Data Analytics

MAP is our data mining application designed for major car park operators.

This parking application, integrated with Xerox® MultiPark Evolution System, is based on our data mining solution that is interfaced with other transportation systems from Xerox: Parking, Ticketing and Fleet Management.

The purpose of this platform applied to Parking Business is to collect, consolidate, model, feed back and enable data viewing from one or more parking systems in order to offer a decision making tool for operators with regards to:

- Changing tariffs
- Changing typologies
- Adding new access lanes
- Opening new car parks

It provides an array of predictive and descriptive models based on a large volume of information obtained through the Multipark, car park management system and any associated systems such as public transport systems, traffic management systems and social networks.

In the case of multimodal analyses, MAP makes it possible to, for example, understand the impact of public transport activity on the demand for parking. In addition, analyses of social media content represents another source of external data that is factored into certain Xerox research projects in order to gain a better understanding of citizens’ transportation requirements and see how they correlate with operational data from car parks.
Multipark Web Portal – new centralised car park management platform

Multipark goes web for a full access to car parks, local or remote and features a new hypervisor application for the centralised management of installed bases

- Multipark Web and its supervision applications, ParkAccess and ParkConvergence, are fully web and do not require the installation of fat clients on workstations

- ParkAccess allows a local or remote supervision of one or multiple car parks connected to one server

- ParkConvergence allows the supervision of all car parks of an operator from a unique control room

- Thanks to the flexibility of Multipark Web, operators can quickly switch from a local to a centralised supervision

- All menus accessible in less than 3 clicks contributing to an improved efficiency for operators and a faster and easier ownership of the application

- An interactive event window for a more efficient troubleshooting and a better follow up of problem resolution

- Synthetic or detailed visualisation modes for a quick changeover from centralised supervision to trouble shooting of problems, on a piece of equipment

- Screen optimisation displaying only the most pertinent information in order to improve readability. Less relevant information is accessible in 1 click

- “Trendy” flat design “ developed in cooperation with web designers and ergonomists offering eye comfort to users

- Centralisation of equipment video streams including IP based cameras, ANPR and equipment display

- A unique title management window allowing operators to quickly search the history of all types of titles (pass cards, hourly, congress, events tickets…) while attending customers

- Dynamic and contextual display of guidelines providing fast trouble shooting and reduced staff training

- A full integration with the existing applications of the Multipark series
This is the new parking management solution from Xerox, using 2D barcode instead of magnetic tickets. The solution has been designed to complement the well-known Reflex magnetic stripe solution.

**The benefits of using 2D barcode:**
- A non-motorised reading of tickets for a better traffic flow at the entry and exit lanes
- Enhanced customer satisfaction: the ergonomic shape of the reading area facilitates the presentation of tickets
- An easily identifiable reading area even at night, thanks to LED lighting
- Reduced maintenance costs and number of failures: non-motorisation of the barcode scanner reduces the number of moving parts
- A downgraded mode with performances equivalent to that of a magnetic solution
- An improved reading reliability through the error correction systems offered by 2D barcodes

This solution is based on the new e-Ticket technology of Multipark to manage barcode tickets without motorized insertion and without barcode reprinting while offering a downgraded mode with performances equivalent to that of a magnetic solution. Moreover, with its new e-Ticket technology, Multipark is now open to ticketless management of car parks, for instance using NFC smartphones* or license plates instead of paper tickets.

**The benefits of the new e-Ticket technology of Multipark:**
- It is open to ticketless parking management, for instance using NFC smartphones* or license plates
- It integrates a downgraded mode with performances equivalent to a magnetic solution
- It provides a fast processing at entry and exit

*Subject to availability of the NFC feature on your smartphone.
Xerox® Multipark Codex
CA 550 Pay-on-Foot Station

First POF on the market to integrate a 19” 16/9 screen with 3 fully customisable applications.

- Car park payment application
- Rotating banner for general welcome messages
- Info screen for weather, airport, car park information, traffic update, fully customisable by customer
- Bi-directional integrated video over IP for improved customer service
- Wave and Pay payment by NFC cellphones or contactless credit cards
- Banknote reader and recycling module
- Integrated barcode reader for promotional vouchers
- Ability to recharge top up cards
- Flexible ‘Chip and Pin’ surcharging
- Ticket vending for events – park and ride
- Vouchers for electric car charging
- Multiple validations for multiple retailers
- Loyalty card acceptance
- External design customisation of the front panel and housing
- DDA compatible

New POF 19 Inch Screen – 3 Applications

1. Car Park Payment Application

2. Rotating Banner (Fully Configurable)
- Text to be displayed, type, size, and colour of font and background colour
- Animation configurator
- Rotating speed
- Individually configurable to site requirements
- Managed from Multipark server with user friendly editor
- Remote upload in live locations

3. Custom Information Window (User Configurable)
- Text, video, images, animation
- Web connectivity to enable local information for example weather, traffic sites, Airport Data Base for flight information
- Remotely managed from Multipark server with user friendly editor
Multipark

**Integrated ANPR**
- Included as standard within Multipark
- Integrated solution can generate image and license plate
- Single server for faster recognition
- Single screen ANPR and car park system to increase operator ease of use
- Single operating system to maintain
- ANPR chauntry pre-booking interface
- Automatic opening of barriers to subscribers and paid tickets
- Swap ticket detection
- Lost ticket management

**Multipark Drop-off Zone Unit**

**Virtual Ticket DOZ**
- Virtual ticket drop off zone system designed specifically for airport drop off zones
- Flexibility for flat fee or tariff
- ANPR driven
- Option of PCN revenue
- High volume = high revenue
- Low operating costs – no tickets
- Used for taxi – pay as you go or invoice
- No pay station or grace period needed
- Installed at Luton, Newcastle, Edinburgh, Bristol, and Leeds Bradford airports
- Toll style payments at exits for fast egress
- Accepts coins and credit cards
Simulate your Potential Revenues

Xerox® MultiPark EasyRev Simulator calculates the potential effect on your car park revenues of tariff changes:

- Uses real car park data for better accuracy from prior month/year
- Immediate result
- Export possible to other formats (Excel...)
- User friendly interfaces
- Application can work off line
- Results are presented according to the tariff structure

Tariff Management Solutions

Multipark tariff management application, Xerox® MultiPark EasyTariff Application, allows the edition and modification of all types of tariffs, from the most simple to the most sophisticated grids including complex scheduling and special event days. Possibility to do it minute per minute.

Edit and Create your Tariffs

- User friendly and flexible
- Only 3 minutes to update your tariff and its free of charge
- New tariff can be done at anytime
- Tariff conflict detection
- Fully graphical application
Multipark – New Technologies

**NFC Cell Phones**
- Ticketless application
- Multimodal applications (car parks – ground transportation)
- Wave and pay (virtualisation of credit card)
- Pre-book confirmation by receipt of SMS booking number
- Pass card: Can contain subscriber data

**Mobile phone payment**
- Car park customers pay by sending their ticket number to a dedicated payment server from their smartphone
- Payment server interrogates with Multipark
- Multipark responds to server with cost due
- Customer accepts (or not)
- Ticket price charged to mobile phone bill, credit card or bank account
- Quick, easy, customer does not need to visit POF

**Web Report**
Web Report allows customers to access all their car park data from anywhere in the world through a web browser.

**Web Accessible Reports**
- Direct access by web navigator
- Accessible from any office PC equipped with web browser
- Access by VPN
- Access protected by login and password
- No fat client needed, a dedicated PC is not required
- Perfect for remote car park monitoring at low cost
Multipark Interactive Video System for Car Parks

The Benefits of our Integrated Video Solution

Customer – Control Room

- See customers when they are using the equipment (for instance at the entry lane)
- Improved customer service (for instance identification of VIPs)
- Easier to use for operators: single screen for monitoring and video

Control Room – Customer

- Display the face of the operator on the equipment screen
- Superior quality and fluidity of image: 25 to 30 images per second
- Visual assistance to hearing impaired people
- Improved customer service (human presence)

Architecture Presentation – 2 Way Communication

- Control Room – Customer
- Customer – Control Room
Service and Online Support

Based at our office, our Service Call Centre acts as the first point of contact for all service and technical queries.

From here our highly trained Call Centre and Help Desk team offer technical assistance and the timely deployment of skilled Engineers directly to site, backed up by field-based Technical Support Engineers.

**Service Stats:**
- 7 day support options available
- Availability > 99%
- 97% of service calls attended within 4 hours
- Nationwide coverage
- 90% of all services calls resolved in one visit
- Over 900 contracted customers in Europe
- Worldwide coverage by a network of partners
- Remote access and support available for quick fix and technical support
Flexible Finance Solutions

We can offer you flexible finance options. All our finance solutions are managed in-house, enabling us to structure a finance program to suit your specific requirements.

With a standard agreement you can benefit from our product technology without the associated risks of ownership and with the reassurance of a unique equipment warranty for the full term of the agreement all for one easy regular payment, helping you with your budgeting requirements.

Xerox Can Offer:
A fully comprehensive rental contract including maintenance and service for the life of the agreement.
The Environment

Doing our utmost to minimise the impact on the environment is very important for Xerox. In addition to our ongoing efforts to improve the environmental performance of our products, Xerox is striving to improve the environmental performance of our factories and suppliers through the “preserve the environment” program. This plan includes 3 major steps:

**During product development:**

The latest generation of parking products developed by Xerox integrates environmentally friendly parts. We use recycled material whenever possible and low energy consuming modules, for example:

- Development of an illuminated sign for our Pay on Foot machine is based on LED technology. While offering lower power consumption, LED technology reduces operating costs and also reduces wear on other components of the system such as transformers and power converters.
- New LCD display for our entry/exit terminal. Tests made by our engineering department show a saving of up to 80% in energy consumption for this module.
- We have selected a recyclable material for the front panel of our product line. Plexiglas can be recycled easier than polyurethane, the material used on the old POF product line.
- Electric car charging vouchers available to vend from the POF to encourage owners of environmentally friendly cars to find charging spots in car parks.
- Detection of small vehicles at the barrier allows owners to get a reduced tariff on their hourly tickets or subscription fee.
- Single ticket processing, this means one ticket is used for the customer and is also re printed and given back at the exit as the receipt. This reduces ticket waste and consumable costs.

**Selecting new partners:**

At Xerox we select our partners based on the ISO14001 standard and in partnership we define improvement plans and follow up actions in order to increase energy efficiency, reduce waste and enhance recycling activities.

**Staff training:**

As part of our “preserving the nature” program, Xerox continuously informs and trains our employees. People are invited to submit any suggestions that would lead to an increase of recycling products or that would reduce waste and energy consumption.

Xerox continues to work on reducing the environmental impact of the manufacturing process and we constantly monitor the performance of our products to ensure the highest environmental standards are reached and exceeded.
Xerox would welcome the opportunity to discuss your parking operation with you in more detail, please contact:

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