

# XENTURION

## innovation managed

Our innovative Terminal Management System lets you manage, update and configure all your Worldline terminals remotely and securely, via a web browser. It helps you reduce manhours in the field, and respond faster to changes in market and customer requirements.

XENTURION is designed for remote management of large terminal parks and for easy use by integrators, processors, banks, terminal operators and retail or petrol chains. It can handle up to 500,000 terminals and process up to 800 connections simultaneously from one or more application servers. Installation in a multi-server environment (BCP) is supported and encouraged. All this makes XENTURION ideal for international business environments.

### Key features

- Modular and customisable system
- Easy control of access rights and user profiles (micro-role system)
- Intuitive web-based user interface
- Smart search tools for quick access to data
- Single-click mechanism for batch updates

### Integrated and scalable

XENTURION is powerful and flexible! You can start with just one terminal and add your entire terminal park gradually. It supports a range of protocols and terminal generations. Integration with existing systems such as customer relationship management systems (CRM, accounting, billing) is possible through dedicated interfaces and web services.

### Easy to use

The web-based GUI means you can manage terminals from your desk, saving time and significantly reducing field-service costs. XENTURION covers the whole range of remote management services: terminal management, application management, parameter management, monitoring and diagnostics.



### Secure

XENTURION is ideal for use in a PCI-compliant environment: role-based access rights let you define and manage exactly who may do what, while respecting GDPR requirements. For the XPS component, all critical operations require a double authentication.

### Architecture

XENTURION is built on a Java Enterprise Edition platform and is therefore independent of the hardware infrastructure. A strong foundation also provides a stable and reliable working environment.

XENTURION uses an application server and a Relational Database Management System

(RDBMS). A separate RDBMS server is preferred, though the database can also be installed on the XENTURION server for smaller systems.

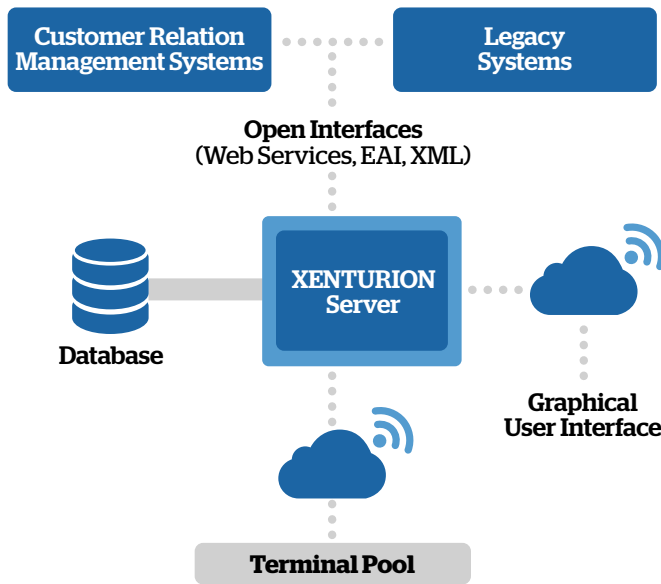
When XENTURION is used for key-loading operations, a hardware security module such as the ADYTON from Worldline is needed to generate and store keys.

### Our service for you

At Worldline, we offer our customers exclusive training programs and unparalleled support.

We can also deliver XENTURION as a managed service.

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## System requirements

### Server

- Red Hat Enterprise Linux AS Release 6.x & 7.x or CentOS 6.x - 7.x
- Microsoft Windows™ Server 2012 R

### Database

- Oracle SE 12c
- Microsoft SQL Server 2014
- MySQL 5.6/5.7

### Red Hat JBoss Application server

- WildFly 10.1.0
- JBoss EAP 7.0

### Hardware

- Recent commercial processor
- 4 GB RAM and at least 1 GB available disk space
- Ethernet cards: minimum recommendation two 100 Mbits/s cards, one for connection with terminal network and one for database and GUI connectivity

### Browser

- Recent Google Chrome
- Recent Mozilla Firefox

## Services

Terminal management components on the payment terminal enable the corresponding remote terminal management services.

### Terminal management

- Organise and configure your terminal park
- View the terminal status - assets, terminal groups, attributes and other details
- Automatic terminal configuration after replacement

### Download

- Download or upgrade software packages on terminals
- Package calculator to test and validate download packages

### Scheduling

- Manage communication between XENTURION and terminals
- Plan and schedule for services operations
- Avoid downtime during critical business hours

### Parameter management

- Remotely manage the parameters, objects or files on your terminals
- Backup and restore functions allow easy terminal replacement

### Monitoring and diagnostics

- Monitor transaction logs, warnings, debug and other information
- Create reports based on date, acquirer, protocol and amount

### Remote key loading (RKL)

The RKL service helps make it easy to administer keys on payment terminals. By making it possible to update terminals from one single source, from one physical location, without impact on the running business and -

above all - automatically, RKL helps terminal operators achieve significant savings. RKL lets you work with multiple acquirers and protocols and manage installed keys (such as SSL/TLS, DUKPT, transport keys and acquirer keys) on terminals.

### pAyview

The optional pAyview services provide precise information while saving time and paper:

- Mail service with list of terminals and details of the transactions for a day
- Online service to consult, filter and export transaction information

### XPS

#### XENTURION Personalisation System

This dedicated environment for personalisation and repair activities lets terminal distributors, personalisation sites and repair centres load cryptographic keys and initial software on to terminals. Access is controlled via secured remote connections both to XENTURION and to hardware security modules such as Worldline ADYTON.

When a terminal is prepared for use, initial keys and software are loaded by XPS. These initial settings can then be restored if required, for example when a terminal has been returned for repair. Configuration updates while the terminal is in service are handled remotely by XENTURION, which provides extensive logging and reporting for terminal management. The system is fully PCI compliant.

## About Worldline

Worldline [Euronext: WLN] is the European leader in the payments and transactional services industry. Worldline delivers new-generation services, enabling its customers to offer smooth and innovative solutions to the end consumer. Key actor for B2B2C industries, with nearly 45 years of experience, Worldline supports and contributes to the success of all businesses and administrative services in a perpetually evolving market. Worldline offers a unique and flexible business model built around a global and growing portfolio, thus enabling end-to-end support. Worldline activities are organized around three axes: Merchant Services, Mobility & e-Transactional Services and Financial Services including equensWorldline. Worldline employs more than 9,400 people worldwide, with revenue of circa €1.6 billion on a yearly basis. Worldline is an Atos company.

### For further information

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