



WWS ASSET MANAGEMENT

*Complete management of distributed assets:
from activation to predictive maintenance*



WWS Asset Management is the application module of the WinWebServer (WWS) suite devoted to surveying, auditing and analysing all devices deployed throughout the bank's network. Thanks to WWS Asset Management, the bank can optimise the entire life cycle of all devices supporting the services furnished to end users: ATMs, ASDs (Assisted Self-service Devices), kiosks, tablets, digital signage monitors and PDUs (Personal Device Units). The synergy between the specific search agent for devices' hardware and software and the dashboard, which can be configured for collecting and reporting data, permits in-depth analysis of the characteristics and functioning of assets, and produces considerable economic and operational benefits.

What specific data on your network devices can you access?

The inventory, a key element for strategically managing assets, normally consists of detailed data that is gathered from devices, and is then used to reach accurate and efficacious decisions regarding hardware acquisition, discontinuation, redistribution and hardware upgrading campaigns, as well as maintenance contracts. The risks for banks increase when decisions are made based on old, incomplete or even non-existent data. With WWS Asset Management, the financial institution can collect and use automatically, transparently and strategically all data regarding the assets used in the entire network of physical channels, thus allowing a timely global vision of key elements such as: location, status and the main hardware and software (SW XFS, SW Custom) characteristics, connected peripherals and the hierarchical relation between individual devices, in order to create an exhaustive inventory of the assets of the network.

How will the use of a tool for auditing assets impact your business?

A bank's network can have an extensive distribution model, and the quantity of data handled is directly proportional to the number of devices. Often, shallow and partial management of assets negatively impacts other business processes, generating additional costs and affecting the level of service. Centralising and sharing data is essential to clarifying the phases of the life cycle of assets. WWS Asset Management immediately and thoroughly surveys devices and how they are functioning, which is extremely useful in managing maintenance and thus avoiding the occurrence and repetition of unplanned call-outs or prolonged operation of obsolete devices.

How can you improve the level of service of devices in your network?

There is a growing need to optimise devices' networks and to control the cost of managing them. WWS Asset Management meets the bank's need to deepen the performance analysis of every device that provides services to customers, such as ATMs, ASDs, kiosks, tablets, digital signage monitors and PDUs. Combining analysis of data going back at least 24 months with information from cases of intervention on devices, the solution creates a predictive algorithm that shows to what degree maintenance of terminals is called for. The resulting data is useful to strategic planning such as determining maintenance contracts or campaigns to replace assets—all in order to consistently lower operating costs and significantly improve service.

⚙️ Features at a glance

WWS Asset Management is the solution for banks and other organisations that distribute services through a network of physical channels. Its primary purpose is to offer a complete, detailed inventory of all devices. This highly-scalable solution combines the most advanced Web technology with a specific multi-vendor agent on a multi-OS, multi-device platform. All services are managed centrally and can be readily distributed on any previously approved terminal, brand and model, independently of the application channel and operating system.

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|---|---|
| ✓ Centralized archiving of hardware and software profiles | ✓ Interactive, customisable dashboard |
| ✓ Scanning of distributed assets' hardware and software | ✓ Asset status and lifecycle management |
| ✓ Asset template configuration | ✓ Scheduled and on-demand reporting |
| ✓ Widget Builder to describe devices' characteristics | ✓ Task management |
| ✓ SQL and NOSQL Databases | ✓ Native integration with the other WWS modules |
| ✓ Integrated georeferencing | ✓ Multi-platform (Android, Linux, Windows) and multi-device Agent Component |

⚙️ Advanced control of global and single device scenarios

Asset inventory is enabled by the appropriate installation and configuration on devices of the WWS Asset Management Agent, so that it can establish a secure dialogue with the central server. The Agent component can be installed on both financial and non-financial devices (ATMs, ASDs, kiosks, tablets, digital signage monitors and PDUs), alongside all types of applications (web or client); it will also capture and recover information as preconfigured or on demand by the central server.

The robust WWS Asset Management solution enables detailed exploration of hardware and software components throughout the branches, regardless of the channel and physical location. Once connected to the network, the agent communicates dynamically with the server to perform operations and collect information.

Users can choose from widgets available on the dashboard to enter the device's identifying characteristics (logical name, vendor, model, type). The application can be configured to display data according to user-predefined criteria: branch, area, bank or group of banks.

Moreover as this solution runs independently from service channel applications, it can display data without compromising their performance.



WWS Asset Management

Asset
Registration

New Asset
Inventory

Asset Comparison
and Asset Compliance

Data Collection
and Analysis

Predictive
Maintenance

TCO
Management



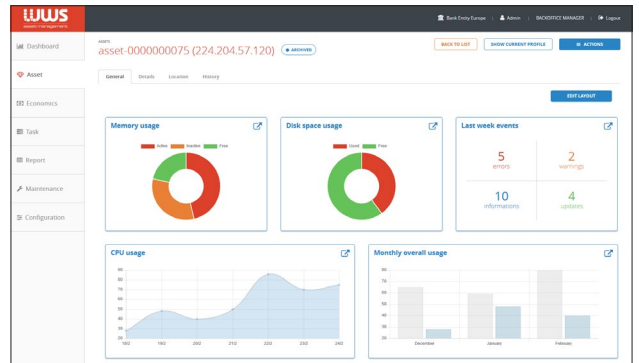
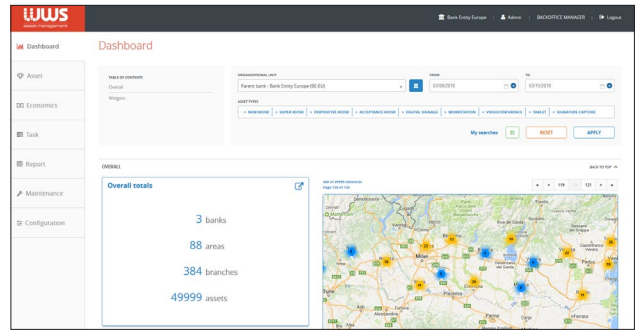
Accurate, complete information serving your business needs

Having accurate, complete and up-to-date information on the assets distributed in your network is ultimately key to taking the decisions that serve your business.

WWS Asset Management supports all major application servers and both relational and non-relational databases, analysing large quantities of data to produce immediate results and complex, structured reports on the situation, geo-location and characteristics of all assets.

The key benefit of Auriga's WWS Asset Management solution resides in its predictive analysis function: cross-analysing current data against past data (at least 24 months old) in various ways, so that the module's algorithm derives specifics of future operations. The solution's predictive analysis functions are designed to extract highly precise maintenance scenarios for every single asset.

The predictive maintenance module compares general performance with the year of activation and anomalies over the last couple of years, helping inform future decisions to replace and/or upgrade devices. WWS Asset Management also helps banks calculate and control the TCO and ROI of every asset in their network, so they can control the costs and profits of their branches.



Benefits of WWS Asset Management

In a context of profound transformation of the banking industry, it is essential to optimise efficiency to cut costs comprehensively. One strategic aspect to account for is a thorough understanding of all real costs of the organisation.

Auriga's WWS Asset Management gives banks greater control over their processes, including:

- ✓ Tracing every step in maintenance procedures and ensuring compliance with the maintenance contracts' SLAs
- ✓ Inventory management
- ✓ Obsolescence analysis and assessment
- ✓ Hardware acquisition campaigns
- ✓ Hardware upgrading of individual assets or groups of assets.

Consequently, it will be possible to optimise the location of devices and the way they distribute products and services, with minimal investments in implementation, and considerable time and money savings.