xAssets Network Discovery Software

xassets
asset · management · software

xAssets Network Discovery

xAssets Network Discovery is the optimum solution to discover and manage hardware and software inventory across one or more networks. The application facilitates advanced IT portfolio management and software asset management.

The solution is browser based and designed to meet the complex / unusual requirements and scalability needs of very large organisations, while also meeting the needs of all other organisations "out of the box". This has been achieved without introducing unnecessary complexity to the end user.

DISCOVER	**RECOGNISE**	**MANAGE**	**COMPLY**
Computers	Software	Software	Legal
Networks	Hardware	Hardware	Security
Users	Users	Users	Corporate
Software	Locations	Change	Risk
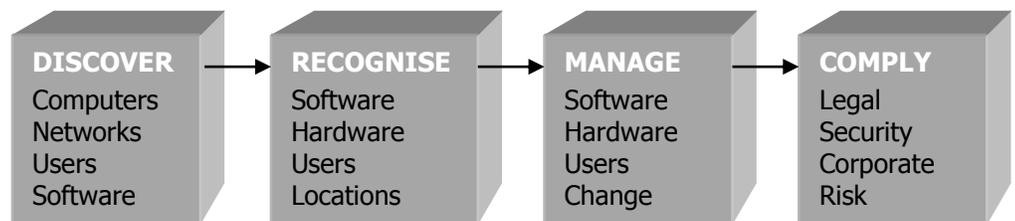
Quickly discover any number of networks with no side effects or client installation

xAssets Network Discovery has virtually no impact on a network. A discovery scan on a single PC takes between 0.25 and 4 seconds and consumes negligible bandwidth.

No client installation exists regardless of discovery technology selection, so the product does not write any settings, data or software to discovered nodes. Collection servers can be placed anywhere within multiple networks as required.

The discovery process can discover hundreds of devices simultaneously, enabling large networks to be discovered quickly.

Manage all aspects of Software and Hardware Assets

The core technology behind all our asset management software applications is available to xAssets Network Discovery. This enables users to manage all aspects of an asset's lifecycle, and store non-discovered assets in the same database.

For ease of use, the system is structured into configurable dashboards for discovery, portfolio, software and history. Each user can decide which dashboard is their home page. Each dashboard is completely configurable and contains menu links, charts and tables.

Powerful management reporting is enabled through charts and tables, which allow progressive drilldown either "in place" or into a mainscreen report. Each chart and table also has a predefined report format for easy printing. All dashboard functions are also available from the dropdown and right click menus. The integration engine is used to keep data feeds from other systems such as SMS and Active Directory in sync.

The xAssets Network Discovery product can also be extended into the xAssets IT Asset Management product superset, which includes functions for Procurement, Receiving, Deployment, Inventory, Barcoding, Contract Management, Help Desk, Storage, Spare Parts, Obsolescence and Disposals.

Establish Software License Compliance position and meet ISO standards

xAssets Network Discovery discovers software titles using a variety of advanced techniques including executable file header reading, WMI software repository, and recognition through a number of registry entries. The server software includes a software recognition engine which will clean and recognise discovered data, and store the remapped data in asset register reference tables, so reports show accurate, normalised information across the entire network.

- Store software license purchase information and report purchases against usage
- Recognise Software, Patches, Operating Systems and Status
- Report on software compliance position with charts and reports
- Helps to meet the requirements of the ISO 19770-1 software standard
- Advanced software recognition technology
- Includes reporting for specialised titles like Sql Server which use per processor or per instance licensing

CUSTOMERS

PANASONIC

DELPHI

EXPERIAN

BMW

SARA LEE

ABBOTT

QINETIQ

DUMFRIES AND GALLOWAY

POLICE

SIEMENS

K12

CHORDIANT

SMORGON STEEL

LIBERTY FINANCIAL

TENIX

NETSTORE

SCHLUMBERGER

UNITED HEALTHCARE

STORAGETEK

GLOUCESTER COUNTY COUNCIL

UNIVERSITY OF THE PACIFIC

UNIVERSITY OF CALIFORNIA MERCED

THAMES VALLEY UNIVERSITY

ALAN BOSWELL

CEMEX

UNITED STATES PHARMACOPEIA

Historical reporting and build comparison

xAssets Network Discovery doesn't just store the current state of a network. The software stores differences at every point in the past, and reports show changes in hardware and software either from a baseline date or in comparison to a standard build asset.

- Maintain standard build template assets
- Report on differences from baseline date to profile date
- Report on differences between standard build and profile date

Get notified when changes occur

Notifications can be by email and / or via Inbox entries into the systems inbuilt help desk

- Receive notifications when software is installed or removed
- Receive notifications when hardware appears, is changed, or removed
- Customise to receive notifications on any data change or condition

Recognise incoming data including software, hardware, patches and users

Any data can be recognised with our powerful and programmable recognition engine. Unrecognised data is reported and can be recognised later. Recognise software, hardware, manufacturer, model, device, computer, patches and MAC address, as well as recognise Location from discovered IP address.

Integrate with Anything

Integration can be achieved without substantial expense on consulting fees. Integrate into almost any application including:

- Active Directory
- SCCM
- Accounting Systems
- Purchasing Systems
- EMC
- Most other applications in common use today

Customise and Extend to meet requirements

All menus, discovery schedules, discovery methods, views, integrations, classifications, queries, forms, reports and dashboards can be configured to exact requirements, mostly without programming. Customers can introduce new recognition scenarios and code them into the discovery data loader.

Create new business functions and shape the system to requirements without programming. For example, cross charging for IT server usage, or scheduled maintenance plans for servers, can be easily built in using the configuration engine.

Existing installations can be extended with other xAssets products without costly migration or integration fees, since each xAssets product uses the same database and software.

Secure networks by tracking security software, patches and banned software

xAssets Network Discovery recognises security software such as Antivirus tools and firewalls, and also recognises titles such as file sharing software, games and software designed for home use, as "banned" software.

Options to discover SNMP Devices, Unix and Linux Machines

SNMP devices are automatically discovered as part of a discovery run. Configuration options allow users to install new MIBs and capture different ObjectIDs.

Unix and Linux machines can have SNMP turned on, or we have close integration with a third party product which discovers Unix and Linux machines in depth.

Hosted or Installed on your Network

Customers can choose whether to install on your own servers or have xAssets host the software.

Hosted allows customers to use the software as a service, so all server management, server licensing, backups and maintenance tasks are done by xAssets and the software is accessed through a web browser. Onsite installations are often used where corporate policy requires all data within the company firewall, or where spare server capacity already exists.

BENEFITS FOR ENTERPRISES

Enterprises choose xAssets Network Discovery because it can meet their requirements for security, scalability, low impact discovery, no client installation, and the ability to be customised to meet virtually any requirement including unusual and complex requirements specific to their business.

Browser based interface with Windows Authentication enables worldwide access without deployment onto desktops

Does not write data to discovered clients – the hard disk and registry are accessed but not changed

Collection servers located behind each firewall can speed discovery without increasing licensing cost

Scalability options enable you to support up to 1,000,000 discovered nodes

Multi company, multi currency with full unicode support for Asian and other languages

Configurable to your exact requirements

Integrate with SMS, Active Directory, Belarc, EMC, Commvault, Help Desks and other systems with minimal development effort

Lowest possible TCO of any complete discovery tool

Advanced Technology based on Microsoft .NET 4.6

xAssets Network Discovery facilitates the selection of discovery technologies most appropriate to each customers requirements and network topology:

- WMI agentless discovery
- Remote Registry agentless discovery
- SNMP discovery
- A zero impact executable agent which is remotely launched on the end users CPU from a network share
- Collection servers placed wherever needed
- Collect data from a USB memory stick installation

Browser based products can be used from a web browser without any client installation. xAssets version 6 products are browser based and run on Microsoft Windows Server with Microsoft Internet Information Server (IIS) and Microsoft Sql Server. Our products are deeply configurable and allow the construction of new functionality with or without programming.

Utilisation of this latest technology brings the following benefits for those wishing to extend their software:

- All data is communicated using XML
- Write your own software or web pages using the API
- Access the API via secure web services
- ASPX pages are used throughout the system
- The software can consume other web services, for example to load Exchange Rates from banking sites

xAssets wrote its first browser based asset management system in 1999 and in 2000 we employed what is now known as AJAX throughout the product. This enables screens to refresh data or query the server without refreshing the entire page, making the system very slick and easy to use. Some uses of AJAX include:

- Configurable drag and drop to reclassify data or create parent-child relationships
- Copy and paste assets onto each other to create relationships
- Page back and fore between large data lists without refreshing the whole screen
- Update data within the existing screen without refreshing the whole screen

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