



# Axence nVision 7.5 Pro

Integrated IT management and security



Try out Axence nVision 7.5 Pro



[axence.net](http://axence.net)

One software. Multiple possibilities.



## Network Network monitoring

- ✓ Network discovery and visualization
- ✓ Monitoring of TCP/IP services
- ✓ Monitoring of the operation of Windows machines through WMI
- ✓ Windows service status monitoring
- ✓ Windows event log entries
- ✓ Monitoring of the operation of network devices (SNMP)
- ✓ Support of SNMP Traps
- ✓ Monitoring activity on switch ports
- ✓ Alarms – notifications, corrective actions



## Inventory Hardware and software

- ✓ Detection of installed software
- ✓ Serial numbers of Microsoft software
- ✓ Audit of multimedia files
- ✓ Software legality audit
- ✓ Detection of hardware configuration
- ✓ History of configuration changes
- ✓ Clear configuration statements
- ✓ Administrative data (Fixed Assets)



## Users Users activity

- ✓ General information on user activity
- ✓ Detailed work time monitoring
- ✓ Application usage monitoring
- ✓ Visited web sites (duration and number of visits)
- ✓ Printing costs and auditing
- ✓ Network traffic generated by the user



## HelpDesk Interactive helpdesk

- ✓ Trouble report management
- ✓ Integrated chat
- ✓ Messages sent to users with possible confirmations
- ✓ Embedded remote access with possible user consent request
- ✓ Importing users from Active Directory
- ✓ Unlimited number of users of the trouble report system



## DataGuard Data security

- ✓ List of devices currently connected to the network
- ✓ Identification of devices on the basis of their serial numbers
- ✓ Defining access rights to selected data media
- ✓ History of operations performed on the devices
- ✓ Access rights created on the device and Active Directory level



## Management of admin authorizations

- ✓ Access to application server from a console in a local network
- ✓ Simultaneous work of multiple administrators
- ✓ Varied access rights for different system users
- ✓ View of information from a web browser

# What Axence nVision Pro do for your business?



## Networks

Efficient monitoring of your corporate network and effective management of IT infrastructure will help you rationally plan the IT budget and improve the smooth flow of business processes in your organization.

### How to monitor corporate network efficiently?

Thanks to Axence nVision Pro you can be sure that all network equipment is operating correctly. You do not have to worry about the condition of important services anymore. At appropriate intervals the software checks whether the mail server is sending and receiving e-mails, if the SQL server has suitable efficiency, whether there is enough free space on the network drives, if the Internet link is working correctly etc. In case of any problems, you will be notified and corrective actions can be launched automatically, even if in the middle of the night.

### Manage your IT infrastructure effectively.

Automatic network discovery and presentation in transparent, interactive maps enables you get a quick grasp of the corporate network resources. In everyday work, Axence nVision Pro offers immediate information about the entire network. Additionally, the hardware inventory presents the administrators of large networks with an effective tool to coordinate hundreds of machines, changes in their configuration and the planning of new purchases.

### How to plan the development of IT infrastructure rationally?

Axence nVision Pro will help you to justify the purchases of new equipment quickly and easily – such a necessity will be best illustrated by reports with graphs presenting the increase of current load. Advanced reports will help you plan the network development in a better manner through the identification of equipment operating under 100% load.

### Perform software audits.

A hardware inventory with a software audit will protect you and your company against harmful penalties for illegal software. Effective license management will allow you to avoid the purchase of unnecessary software. You will also be able to efficiently manage the computer hardware in the entire company. The administration and billing module will facilitate access to comprehensive information about the corporate and IT infrastructure and significantly improve the inventory taking process. It allows for more accurate, ongoing control of hardware and software resources which are in the company's possession, therefore improving the effective care for their operability, performance, and manageability. Due to the possibility to define your own equipment components, you can customize the scope of the information which has been collected to the company's specific needs and profile.

### Reduce your IT-related costs.

Thanks to the advanced software inventory Axence nVision Pro enables effective license management. Not only does it strengthen the IT reliability and security, but it also reduces costs related to the purchase and maintenance

of licenses for unused software. As an effect, Axence nVision Pro might offer a very quick return on your investment – just after avoiding the purchase of one or more superfluous licenses. The application also supports print monitoring, therefore reducing unnecessary printing to a minimum. Additionally, Axence HelpDesk reduces the time and workload required to solve technical problems. As an effect, the costs of technical support are lower.

## How to control the legality of the software used in the company on an ongoing basis?

With the use of Axence nVision Pro you can protect yourself and your company from serious penalties for the possession of illegal software. According to Polish law, it is always the owner of the company who is responsible for such a situation and who bears the consequences (high fines, restriction of liberty or imprisonment for up to 5 years, seizure of equipment and data loss). The company's goodwill and the trust of customers and partners may also be lost, which might be even more painful. The risk can be eliminated through software inventory and the license settlement features available in Axence nVision Pro. The software not only performs automatic inventory taking, but also gives information about all newly installed applications.



## Users

Improving employee productiveness, optimization of work organization and lowering the costs of technical support are the elements which will not only increase the overall performance of the company, but also bring about substantial savings.

### How to improve employee productiveness and eliminate cyberslacking?

The use of the Internet and computer by the employees for private purposes (so-called cyberslacking) has become a real plague, and the related losses are counted in increased numbers. More than 50% of all the time lost daily is used for visiting websites of no relation to the performed work. According to American statistics, computer users lose on average 2 hours per day for activities unrelated to the performed work. The resultant losses of the American economy are estimated at hundreds of billions of dollars per year. With such a scale of costs, the introduction of an intelligent employee monitoring system, allowing not only for the quantitative classification of their activities (duration of work, viewing websites, private correspondence, Skype calls, etc.), but also for the blocking of websites, has clear economic justification.

Axence nVision Pro monitors work time, helping to improve the productiveness of the employees. It allows lists of authorized or forbidden websites to be created, which will not be available in specified periods. In this case, even the information about the monitoring of employee work itself makes him/her more watchful – he or she limits unproductive Internet surfing or other entertainment during working hours, and also avoids visiting webpages potentially dangerous for the company.

### How to collect data to aid the streamlining of the corporate work organization?

An advanced employee monitoring system also provides a lot of valuable information which helps the managers to organize the work of their teams in a better and more effective manner. These data can also be helpful for the employees themselves. For example: knowing which actions take up most of their time during the workday can help in the better organization of work time, in streamlining the methods of solving tasks, or in modifying the division of responsibilities between the team members.

### How to improve the work of technical support and reduce its costs?

An intuitive helpdesk will significantly improve the effectiveness of the technical support department in each company. Remote access, combined with cooperation with the troubled user, allows the technical support engineers to solve the occurring problems or explain technical inconsistencies in a much quicker and efficient manner. Therefore, the technical support department will have better results and will be able to do more tasks than before. As a result, the costs of the provision of technical support are lower.



# IT Security

Learn how to protect data against leakage, protect against risks from data storage media, prevent failures and reduce their duration, and how to limit the actions of employees injuring the general IT security.

## How to secure network from threats and how to prevent failures?

Advanced technologies, the Internet, modern hardware and software are an everyday reality and a certain standard for the contemporary business world. Through permanent, proactive network monitoring and the alarming of potential dangers, you can prevent outages and reduce downtimes, which means the better efficiency of business processes, and also the overall company results. Some problems are solved by themselves – due to automatic corrective actions. If an administrator's attention is required, thanks to the alarm system, he or she will be the first one to know and will have more time to take suitable steps before the effects of the failure have any impact on the operation of the company.

## Protection against Internet threats.

One of the more important elements of corporate IT security policy is the avoidance of threats originating from the Internet. This does not mean a complete blocking of Internet access, as this can hinder the employees productivity instead of making it better. A good solution is to monitor employees' behaviors, which can eliminate the potential risks. Axence nVision Pro will help you not only in the accurate work time analysis, but will also enable the logging of viewed websites and applications which have been used.

## How to protect data against leaks?

More and more frequently information and other intangible data kept by organizations are the most valued assets. They decide about the stable and effective operation of the organization, as well as about gaining and keeping the competitive edge in the market. Thus, information must be protected both against unauthorized access and modifications. Statistics prove that more than 90% of information is produced electronically, and approx. 70% will never get printed – therefore the copying of confidential data or entire projects is simpler and usually not burdened with such moral dilemmas as the theft of material goods. Axence nVision Pro offers control over plugged in data media and shows the history of the files saved there. Additionally, it monitors e-mail headers and allows the possibility to save files on external media to be blocked.

## How to secure against viruses carried on flash drives?

At the moment, the most popular and the most common method to copy company data is to transfer files from a computer to a flash drive. Flash drives are getting smaller, quicker and cheaper – and along with transferring data, they are also 'carriers' of viruses or other malware. Axence nVision Pro enables the active management of rights to access and write files on external media. It also enables the execution of files saved on such drives to be blocked.

## How to detect incidents which have an impact on the corporate IT security and how to identify the perpetrators?

Employees, often without intent or awareness, can expose the corporate IT security to many risks. Through the monitoring of their activity in the telecommunications and IT infrastructure, you can prevent such events or, at least, learn about them and take suitable countermeasures. The introduction of such monitoring system encourages employees to comply with the security policy, prevents certain harmful actions and, in extreme cases, offers the chance to collect electronic evidence.

## How to prevent server overheating?

The server room is the heart of each company. Do you want to avoid equipment overheating, fires, flooding or unauthorized access to devices critical for the correct operation of IT infrastructure? Permanent control over the environmental conditions of operational processes and IT rooms protects against random events, which can result in equipment failure and data loss. Axence nVision Pro, combined with a suitable detector, will let you control – on an ongoing basis – not only the temperature and humidity, but also the opening of doors and windows or power and telephone grid voltage fluctuations.

Features	Network	Inventory	Users	HelpDesk	DataGuard
<b>Network discovery and visualization</b>					
nVision Server: network scanning, detection of TCP/IP services, web access with browser	✓	✓	✓	✓	✓
nVision Console: interactive network maps, user maps, branches, intelligent maps, pop-up menu with definable own tools	✓	✓	✓	✓	✓
nVision Console: simultaneous work of multiple administrators, management of admin authorizations, admin access log	✓	✓	✓	✓	✓
<b>Network monitoring</b>					
TCP/IP services: response time and correctness, packets received/lost statistics (PING, SMB, HTTP, POP3, SNMP, IMAP, SQL, etc.)	✓	✓	✓	✓	✓
WMI counters: CPU load, memory usage, disk usage, network traffic, etc.	✓	—	—	—	—
Windows actions: service status change (start, stop, restart), event log entries	✓	—	—	—	—
SNMP v1/2/3 counters: network traffic, temperature, humidity, power supply voltage, toner level, etc. SNMP traps	✓	—	—	—	—
SNMP traps	✓	—	—	—	—
Routers and switches: port mapping	✓	—	—	—	—
File distribution with use of WMI	✓	—	—	—	—
MIB file compiler	✓	—	—	—	—
<b>Alerts and reports</b>					
Event/action alarms (e.g. when important parameters fall outside of the user-defined range)	✓	✓	✓	✓	✓
Notifications (on desktop, by e-mail, by SMS) and repair actions (program launch, computer restart, etc.)	✓	✓	✓	✓	✓
Reports (for user, device, branch, network maps or entire atlas)	✓	✓	✓	✓	✓
<b>Hardware and software inventory</b>					
List of applications and Windows updates on single workstation (registry)	—	✓	—	—	—
List of applications and Windows updates on single workstation (disks scan)	—	✓	—	—	—
Software serial numbers (keys)	—	✓	—	—	—
Information on executable files and register entries on a workstation	—	✓	—	—	—
Information on multimedia files (mp3, avi, etc.) and zip archives and their metadata (file title and author, contents of zip file)	—	✓	—	—	—
Overview of workstation hardware	—	✓	—	—	—
Details of workstation hardware (model, motherboard, CPU, memory, disk drives, adapters, etc.)	—	✓	—	—	—
System info (startup commands, user accounts, shared folders, SMART details, etc.)	—	✓	—	—	—
Hardware and software inventory audit	—	✓	—	—	—
Software template database	—	✓	—	—	—
License management	—	✓	—	—	—
Hardware and software change history	—	✓	—	—	—
Fixed Assets: IT assets register database (defining own fixed asset types, their attributes and values, attachments, data import from CSV file)	—	✓	—	—	—
Alarms: software installation, change in hardware resources	—	✓	—	—	—
Offline inventory scanner	—	✓	—	—	—
Scanning and printing barcodes and QR codes	—	✓	—	—	—
Android application enabling inventory taking with use of barcodes (for archiving and comparing fixed asset audits)	—	✓	—	—	—

Features	Network	Inventory	Users	HelpDesk	DataGuard
<b>User activity monitoring</b>					
User activity overview	-	-	✓	-	-
Detailed work time (activity/break start and end time)	-	-	✓	-	-
Used applications (actively and non-actively, i.e. total application running time and the time of actual use by a user)	-	-	✓	-	-
Blocking of launched applications	-	-	✓	-	-
Visited web pages (number of page visits, with headers, number and duration of visits)	-	-	✓	-	-
Blocking web pages	-	-	✓	-	-
Printouts: audit (per printer, user, computer), printing costs	-	-	✓	-	-
Sent and received e-mails (headers)	-	-	✓	-	-
Link usage: user-generated network traffic (incoming and outgoing, local and in the Internet)	-	-	✓	-	-
Static remote view of user desktop (without access)	-	-	✓	✓	-
Screenshots (user work history "screen by screen")	-	-	✓	-	-
<b>Help for network users</b>					
Trouble ticket database	-	-	-	✓	-
Creating and managing trouble tickets (assigning to administrators with e-mail notification)	-	-	-	✓	-
Comments, attachments in the trouble tickets	-	-	-	✓	-
Screenshots in the trouble tickets	-	-	-	✓	-
Internal instant messenger (chat)	-	-	-	✓	-
Messages sent to users/machines with available mandatory receipt confirmation	-	-	-	✓	-
Static remote view of user desktop (without access)	-	-	✓	✓	-
Remote access to machines (an employee and administrator can see the same screen) with possible request for consent from the user	-	-	-	✓	-
File distribution and running tasks (if a computer is turned off, when the distribution is started, it will be performed after the machine is turned on)	-	-	-	✓	-
Integration of the user database with Active Directory	-	-	-	✓	✓
<b>Device/data media access control</b>					
Devices currently connected to computers	-	-	-	-	✓
List of all devices currently connected to the network	-	-	-	-	✓
Audit (history) of connections and operations on mobile storage devices	-	-	-	-	✓
Management of access rights (writing, launching, reading) for devices, computers and users (e.g. authorization of company encrypted flash memory drives, and blocking of employees' private drives)	-	-	-	-	✓
Central configuration by setting policies for the entire network, for selected network maps and for Active Directory groups and users	-	-	-	-	✓
Integration of user and group database with Active Directory	-	-	-	✓	✓
Alerts: portable device connected/disconnected, file operation on a portable device	-	-	-	-	✓
<b>Miscellaneous</b>					
Protection of agent against deleting	-	✓	✓	✓	✓
Axence netTools	✓	✓	✓	✓	✓
Windows Agent	-	✓	✓	✓	✓
Agent and offline scanner for Linux Ubuntu (if you need an Agent for other Linux distributions or Mac OS X, contact our Technical Support)	-	✓	-	-	-



Monitoring and Management Product of the Year 2012 and 2013 (the „IT Professional” magazine readers’ award)



10 „Golden Bit” awards granted at the GigaCon conferences



CEE Microsoft „Networking Infrastructure Solution of the Year 2008”



Honorable Mention in the Microsoft Poland “Solution of the Year 2008” competition

## What our users say

*“Coupled with the alerts it is now very simple for me to spot and diagnose network and PC problems before the users themselves even know there is a problem. Every day when I come in I can with a glance see if any of my branches are experiencing Network issues or if any of the computers are experiencing heavy CPU or memory loads.”*

YMCA, USA

*“Primary used for the monitoring of our international VPN connections in combination with the alert possibilities of Axence nVision we know directly when a server, line, router or other network equipment goes down. Most of the time even faster than the ISP’s.”*

Van Lanschot, Curacao

*“nVision Professional gives the first general overview of what is going on in our network and, if necessary, I can take a deeper insight of what is going wrong: monitoring of individual threshold values and network connectivity, hardware and software inventory, remote access to any user session, and last but not least, a capable support ... These are only some of all the features which make the admin’s life easier.”*

Dr. August Wolff GmbH & Co. KG, Germany

*“I’m very impressed with your Customer Driven values (it’s an important paradigm) by expeditiously addressing my insignificant inputs. Also, in taking extra efforts to understand network user needs (...).”*

PT InfraTrack Panamas, Indonesia

*“Axence nVision enables us to discover our user’s work routines, specifically, on what applications they are using and what websites they are frequently visiting. It makes our job of administering our network infrastructure easier as nVision gives a quick preview of our LAN bandwidth utilization on a per port level, per switch basis. The data that is available at hand helped us plan ahead on which areas of our network require enhancement and eventual equipment upgrade. More importantly, nVision provides an additional layer to our desktop security that is very crucial to our network infrastructure deployment. Monitoring and discovery of potential security breaches in our network such as conflicts in IP addresses and unauthorized connections are effortlessly managed in nVision.”*

Bureau of the Treasury, Republic of the Philippines

To find out more, visit our website: [axence.net](http://axence.net)

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