baramundi Management Suite

Everything under control with our reliable Unified Endpoint Management Suite

We give you the power to manage your IT intuitively, securely, and efficiently!

Empower your IT
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Welcome

Empower Your IT – baramundi is Your Provider for Reliable Unified Endpoint Management

Security requirements are constantly growing as professionally managed IT infrastructures become increasingly complex. The work of IT administrators in a company, and the performance of the IT department as a whole, are therefore becoming a key success factor within their organization, in business and in the market.

We have been the experts in unified endpoint management for the past 20 years. With the baramundi Management Suite, we can provide you with a versatile tool to help you achieve your full IT potential. Maintain control and maximize your productivity by automating routine tasks.

The baramundi Management Suite is ideal for your client lifecycle management and helps to reliably manage and protect all of your devices. It is quick to install and implement, intuitive to operate, and has a modular design, thereby offering a high level of usability and transparency. Start now and benefit from the long-term advantages for your IT.

With the baramundi Management Suite, we present a convincing solution for these requirements. We are delighted that you have taken the time to learn about our products. The following pages explain just how much baramundi Management Suite can do for you and your company.

We will be happy to answer your questions about Unified Endpoint Management. Call us or send us an email. We look forward to hearing from you!

Yours,
The baramundi Team

“Thanks to baramundi, we finally have more time for strategic tasks.”
Michał Gawryluk, CD PROJEKT RED

BENEFITS

- Made in Germany: a one-stop solution from a German vendor
- Modular: flexible and future-proof thanks to modular software
- Cross-platform: whether Windows, iOS or Android, manage all endpoints with one interface
- Transparent: comprehensive overview of your IT infrastructure
- Intuitive: fast and easy implementation and intuitive operation
- Secure: efficient optimization of IT security

In order to improve readability, we have chosen either the male or female form of personal nouns. This in no way implies discrimination against the other sex.
Likewise, license management offers a great deal of potential for optimization. Only licensing the software that is really needed and used frees up resources for other areas, and protects you against over- or underlicensing.

You should take a closer look at the protection of data and files in your company: the more precisely you control data flows, regulate access, and ensure that only permitted software is used, the better you can protect your data. Regular and effective data backup is therefore just as important as being able to restore backed up data quickly and easily.

You can obtain support from baramundi experts for all of these steps upon request. We will advise you on the seamless collaboration of the baramundi Management Suite with your existing IT landscape beforehand. It allows you to use endpoint management to ensure that all tasks are always run the same way. You can automate routine tasks such as installation and patch management, implement uniform security standards, and use inventory data across all applications throughout the company. In doing so, you also reduce sources of error and receive continuous logs.

This saves you time, reduces costs, and allows you to work more efficiently.

Unified endpoint management, natively combined in a single suite, allows you to manage all device types together and with the same mechanisms. This means that there is only one user interface, a common structure across all platforms, only one database, and consistent job handling. It facilitates implementation as well as daily operation.
Integrate Tablets and Smartphones into your IT Environment

THE CHALLENGE
More and more employees are using tablets and smartphones at work. While PCs and notebooks are well-integrated into the IT infrastructure, intelligent mobile endpoints have to be configured by hand, or depend on the level of commitment and knowledge of the user. In addition, company networks are being accessed increasingly from outside, and more and more company data is being stored on these mobile endpoints.

It is therefore necessary to ensure that mobile endpoints:
- Can be managed securely, efficiently and reliably
- Are integrated into the IT infrastructure in the same way as your servers, PCs, and notebooks
- Can only load applications that do not compromise the security of your IT
- Can be remotely wiped if they are lost or stolen

THE SOLUTION
You can register your mobile endpoints in the baramundi Management Suite either by using a QR code or by registering them through the device manufacturer’s device enrollment program when you order them. The devices will be automatically cataloged. Once the devices have been integrated into the mobile device management (MDM), you can define the security rules and track adherence to them via the compliance dashboard. Not only can you specify rules for passwords, you can also lock cameras, or the use of certain apps, if needed, or even block the entire app store. You can detect remote jailbreaks or rooted devices, and, where necessary, respond automatically to any violations.

If an employee has forgotten their PIN, you can easily unlock the device concerned via the baramundi Management Suite. You can remotely lock or wipe stolen or lost devices.

You can also automate configuration of the devices as a job in the baramundi Management Suite, specifying everything from e-mail account to VPN access. You can manage the applications on the devices in the same way with mobile application management (MAM). Just a few mouse clicks will supply new devices with pre-defined defaults, and securely format devices at the end of their lifecycle before they are removed from your infrastructure.

Our solution will help you efficiently to:
- Automatically create inventories of all mobile devices
- Reliably implement your security policies
- Monitor applications on devices
- Easily automate device configuration
- Delete or lock lost devices
Endpoint Security

Custom Security

With the baramundi Management Suite, you can ensure:

- Clear rules that apply for everyone
- Secure data and protected endpoints
- Controlled data flow in the network
- Secure and up-to-date software status
- Protection against unknown applications
- Planned data backup and restore
- Backups of personal settings and files
- Up-to-date status and reliable vulnerability management

THE CHALLENGE

Data is an important asset for every company. It should not be damaged, lost, or fall into the wrong hands. There are, however, many potential threats: negligence on the part of employees, malware, industrial espionage, or even data theft.

The data in need of protection is located on various storage media, is transferred through the network, accessed by mobile devices, and downloaded and taken away on notebooks or USB flash drives.

As IT manager, you must:

- Secure all devices
- Implement uniform security rules on all devices and platforms
- Identify vulnerabilities and any violations of company rules
- Ensure that regular backups are created, without restricting users’ work
- Patch operating systems and applications reliably
- Prevent unauthorized copies of data being made

Avoid using firewalls and virus scanners without an integrated concept for secure endpoints.

THE SOLUTION

Use baramundi Management Suite to achieve a high level of endpoint security. Implement uniform security policies on endpoints, whether smartphones, PCs, or Servers. Identify missing updates and patches, automatically close gaps, and ensure device secure configuration. Determine what data and files need protection and which employees are allowed to access them.
As IT administrator, you are facing increasingly complex tasks to ensure smooth workflows within your IT environment. We will support you in this.

Are you looking for an automated solution to simplify tasks such as installation, distribution, inventory, protection, and backup? You can easily reduce the workload required for time-consuming routine jobs that were previously performed manually thanks to the many features of the baramundi Management Suite. At the same time, you can also manage the entire lifecycle of all end devices used in the company – from classic Windows clients to mobile endpoints. No matter if in a small company network or a global corporation: with the baramundi Management Suite, you can free up time for new projects and reduce your costs.

And best of all: the baramundi Management Suite is a modular system. You can combine our modules in a way to best suit your requirements and budget. Regardless of whether you are an IT administrator looking for an innovative, efficient, and comprehensive tool for your endpoint management, or a decision-maker thinking about security and cost optimization: our Management Suite has something for everyone.

ADVANTAGES FOR ADMINISTRATORS
The baramundi Management Suite supports you in managing all endpoints in your company network. The baramundi Management Suite is easy to operate thanks to its uniform, intuitive interface, and is also secure and quick to install and integrate. You can obtain an overview of the status of the entire network at the push of a button. You can also create meaningful reports just as easily. You also benefit from the self-service function for end users, thereby easing your workload.

A role-based security model within the suite optimally and reliably controls access to endpoints and software, for example.

We will be at your side with quick and competent support when questions arise.

ADVANTAGES FOR DECISION-MAKERS
The baramundi Management Suite helps you comply with German and European data-protection rules in accordance with the European General Data Protection Regulation (EU GDPR: Automating processes increases your IT security and lowers error rates, thereby saving you money. The baramundi Management Suite is licensed individually for each device, and you only pay for the modules that are relevant for you.

ADVANTAGES FOR STAFF
Thanks to central management and the native installation quality, your staff will benefit from the smooth operation of their workstations and mobile endpoints. The baramundi Kiosk gives you the option of installing independently required, approved applications – as required and around the clock. And if any problems arise, help is available quickly, since the administrator can connect via Remote Desktop in just a few clicks.

In general, administrators have more time for individual queries and support services thanks to the numerous automation functions of the baramundi Management Suite. All this is made possible by data-protection-compliant endpoint management, without monitoring individual user behavior.

BENEFITS

- Unified endpoint management
- Using the latest practical technologies
- Highest level of functionality and usability
- Highest quality standards in products and services
- Quick, simple setup
- Easy integration into existing corporate applications
- Compliance with European data protection regulations

Be in Control When it Comes to Your Endpoints
An Overview Is Just One Click Away!
baramundi Inventory

Overview of Hardware, Software, and All Data from the Company

Accurate information about hardware and installed software in the corporate network is the basis for cost-efficient management, effective security, and competent, fast support. baramundi Inventory and baramundi AUT gather this information automatically and provide it in a clear manner. For support requests, you can use the inventory data via standardized interfaces in your helpdesk system for comprehensive, targeted support.

baramundi Inventory catalogs an endpoint in the network in just a few seconds without disturbing the user. New hardware is reliably detected, and software is cataloged even if it was not installed with the baramundi Management Suite.

HELPDESK INTEGRATION
You also have all relevant data at hand at all times for support queries because the inventory data recorded in the baramundi Management Suite is also available to your helpdesk system via the baramundi interface (baramundi Connect), for example.

DATA PROTECTION
You can easily adapt the data that baramundi Inventory collects to match your company’s needs. For example, you can specify that only company software should be listed in the inventory. The baramundi Inventory module takes into account the provisions of the EU GDPR.

REPORTING
baramundi Reporting provides you with a quick and informative summary of all the data in your baramundi database. Standard reports on the hardware and software configuration are already integrated. You can easily adapt all reports to your needs.

BENEFITS

- Fast hardware inventory
- Comprehensive software inventory
- Transparent presentation of inventory results
- Detection of unauthorized, installed software
- Meaningful reports
Detection rules use a predefined logic to specify how the type of network device will be identified. They also determine what values should be read out and imported into the database for the type of device. The rules can be nested as many times as required using operators, comparisons, and checks in order to specify individual devices more precisely and to read out additional values. A standard rule set is provided as a download in the baramundi Management Suite. This rule set defines the most common network devices and can be extended to include additional rules and values. Very specific rules can be defined, for example, with the help of a PowerShell script.

Visualization

After the network scan has been carried out, the end devices detected are displayed in a clear overview. They can then be optionally sorted into specific sub-groups. The environment view permits endpoints to be displayed in an IT map, allowing connections between different devices to be displayed along with detailed information about individual network devices. This gives IT administrators a comprehensive overview of the composition and structure of the company network. These views can also be exported.

The baramundi Management Suite ensures transparency in your IT environment from the outset by creating inventories. This inventory process catalogs endpoints running Windows, macOS, iOS or Android operating systems. With the baramundi Network Devices module, this concept can be extended to cover another class of endpoints: network devices. All network devices such as routers, switches and printers that support SNMP are captured by the Network Device Manager.

As well as capturing devices and reading out their properties, it also identifies the network topology and presents it clearly as an "IT map".

Recording

The network environment has to be scanned before network devices can be shown as endpoints in the baramundi Management Suite. The baramundi Network Devices module scans the network for devices that are supported by versions 1, 2c, or 3 of the SNMP protocol (devices such as routers, switches or printers) in accordance with defined IP ranges and SNMP rule sets.

Beneﬁts

- Automated scanning of the company network
- Capture of all SNMP-compatible network devices via an SNMP scanner
- Catalog of predefined scan rules
- User-defined rules can be created with the graphic editor
- Standard rule set available for deﬁning devices
- Rule set can be customized and extended at any time
- IT map creates transparency through the visual display of the network topology
baramundi AUT

COMPREHENSIVE DATA AND USER PROTECTION
As a product from a German publisher, baramundi AUT complies with European data protection regulations (EU GDPR). At no point does the data collected allow conclusions to be drawn about individual work habits. It is the system that is transparent, not the users.

This ensures that no app usage tracker data is logged in sensitive environments.

A sophisticated system of rights prevents unauthorized access to the data collected.

What software is used and how often? Applications are frequently installed across the entire network, or a program is only activated for a one-off use. Employees also do not often know exactly what programs have been installed and why, and whether they still need them. This pushes up the costs for software licenses in companies very quickly. However, if you know exactly what applications are actually used, you will be able to identify how to reduce your licensing costs. baramundi AUT can provide you with all the necessary information regarding this.

baramundi AUT stands for “Application Usage Tracking”, and tracks the usage of all specified applications. It therefore shows you reliably what programs are used, which licenses you can save on, and what the take-up rate is for newly implemented software.

Finds Unused Software and Helps Cut Licensing Costs

baramundi AUT BENEFITS
- Detects the level of usage of software
- Optimization of licensing costs
- Evaluation of the use of new programs
- Increase the acceptance of a software change in the company and visualize the use of the new software
- Takes into account the requirements of the EU GDPR

“With the intuitive Application Usage Tracking tool built into baramundi Management Suite, we can create usage profiles for each item of software deployed and eliminate unused software, streamlining our reporting processes and cutting down investment in superfluous applications. Deploying baramundi’s solutions saves us both time and money.”

Liz Capp-Gray, Medway NHS Foundation Trust
The method recommended by Microsoft for upgrading to Windows 10 and subsequent updates is the in-place upgrade. With the baramundi Management Suite, the upgrade process can be automated and controlled centrally.

**INTELLIGENT PLUG & PLAY**

baramundi OS-Install offers you convenient plug & play functionality instead of the time-consuming maintenance of hardware profiles. After the driver is imported via an intuitive wizard, baramundi OS-Install then independently detects built-in components and installs each client based on its hardware configuration.

**WINDOWS AS A SERVICE**

By reading the release status and the servicing channel used, you always have a transparent view of the Windows versions you are using. Thanks to the elegant integration of in-place upgrades, you can always keep your installations up-to-date.

The life cycle of a computer usually includes a number of pending, new installations. These can be installed fully automatically with baramundi OS-Install. If you encounter any problems with the system, you can save yourself the trouble of lengthy diagnosis and repair – just a few mouse clicks will produce a fresh, functioning system.

No matter how complex the structure of your IT system, baramundi OS-Install makes it easy for you to quickly and individually provide your hardware with the appropriate operating system. This is done quickly, automatically, and centrally for any number of endpoints at the same time.

**NATIVE INSTALLATION**

For current Microsoft operating systems, baramundi OS-Install utilizes the benefits of the native installation method, installed as if by hand via the original installation mechanism.

A user-friendly wizard makes it easy to customize a Windows 10 image, allowing the specific operating system to be configured according to your company specifications.

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**BENEFITS**

- Fully automatic and native operating system installation
- Automatic identification of hardware and allocation of drivers during software installation
- Easy to update
- Support for Windows 10 migrations with in-place upgrades
Cloning has clear advantages when you need to migrate an operating system or quickly deploy it on identical computers. You can copy a system onto all computers and save a great deal of time. Cash registers, training computers, and other systems needing little customization are perfect for operating system installation via baramundi OS-Cloning.

**NATIVE INSTALLATION OR CLONE?**
For some, this is a fundamental question. For baramundi, however, it is just a matter of having two intelligent ways of solving one task. The choice of option simply depends on what your goal is.

Native installation via baramundi OS-Install offers you a customized system with all the relevant drivers, as if installed manually. baramundi OS-Cloning reliably provides you with a 1:1 image of existing installations. The module starts with an analysis of the source computer. The configuration is then generalized and stored as an image file.

In the next step, baramundi OS-Cloning automatically copies the configuration to any desired number of computers. During the process, the system is also customized, and the domain is added.

Cloning information is stored, and you can use it at any time for new installations. Like all other modules, baramundi OS-Cloning is fully integrated into job control and can easily be coupled with other tasks such as patch management or software distribution.

**“Our IT team can hardly imagine being without baramundi. The high level of automation that is possible with baramundi means many manual steps can be avoided and possible sources of error eliminated.”**

*Doris Ritter, Ehrmann AG*
You can inform users about running installations, or you can execute them invisibly in the background. You can give users a say in the timing of installation and allow them to shift it within a time frame you define. With the integrated self-service portal, you can make software available so that your users can easily download it when they need it.

You have a full overview of the current status during all processes. You can see what has already been installed, what is still pending, where any errors have occurred, and what the consequences are. And uninstalling software – no matter how it ended up on a computer – is just as easy as installing it. For example, you can remove unwanted software that users have installed on their work computer without permission.

**DRAG-AND-DROP SCRIPTING LANGUAGE**

baramundi has developed its own scripting language that allows you to easily create and edit your processes using drag and drop. Typical administration tasks can be set up in the baramundi Management Suite in a matter of minutes. The powerful scripting language is included in the baramundi Automation Studio and is available to you as a single-user license with baramundi Deploy.

**DEFINE ONCE – USE REPEATEDLY**

The more you work with the baramundi Management Suite, the more you will benefit from its reusability. With baramundi Deploy you can also reuse components and tasks again and again once they have been initially defined.
With baramundi Automate, you have your installations under control automatically from the start, even applications that are not intended for central administration and distribution. You simply create response files for automatic installations and automate numerous administrative tasks via scripts.

DRAG AND DROP INSTEAD OF PROGRAMMING
At baramundi Automate, the name says it all. You have your installations under control right from the start. Easily and quickly create response files for automatic installations, scripts for specialized installations and administration tasks or interface controls for non-standard installation routines.

Included in baramundi Automate:
BARAMUNDI APPLICATION WIZARD
For convenient creation of automatic installation for most setup procedures. As a perfect complement to the Windows Installer standard, it enables packaging with just a few mouse clicks.

BARAMUNDI AUTOMATION STUDIO
baramundi Automate Scripts open up numerous possibilities for preparing the installation process or intervening in it. The scripts are created in the convenient baramundi Automation Studio. They are inserted into the script from a clear structure by drag and drop and you can set the detailed options unerringly using self-explanatory dialogs. The scripts can also be used to automate administration tasks such as changing Windows properties, setting passwords or deleting temporary files.

RELIEABLE INTERFACE AUTOMATION
Not every application wants to be controlled automatically via response files, but needs interface scripts for non-standard installation routines. You can create these quickly and easily with baramundi Automation Studio. Nevertheless, you still have extensive control options to automate even the most stubborn tasks. The result: even problematic setups are installed with the setup supplied by the software manufacturer. Windows and buttons are perfectly identified during execution, regardless of the resolution. Even text fields and buttons are addressed directly.

VARIABLES MAKE YOU FLEXIBLE
baramundi Automate forms a perfect unit with baramundi Deploy. You can use all baramundi variables in the scripts. Language variants, special client settings or installation paths per client can be generated dynamically from variables. This significantly reduces the administration effort. This allows you to easily automate complete rollouts.

USER-SPECIFIC SETTINGS
If software is installed that is to be configured individually for each user, baramundi Automate Scripts make this very easy. These scripts are then executed for each assigned user and allow access to user-related settings such as the desktop or the user’s registration.

BENEFITS
- Creating response files
- Automation of almost any manually on the computer executable process
- Simple script creation by drag and drop
- Contains a comprehensive standard set of commands
- Intuitive recording of surface actions
- Fast software packaging
- Can even control non-standard-conformal surfaces (e.g. Java interfaces)
In accordance with data protection regulations, user data such as contacts, calendar entries, call histories, e-mails, etc., are of course not cataloged. baramundi Mobile Devices meets applicable data protection standards.

DEFINE AND ENFORCE SECURITY REGULATIONS

With the Mobile Device Manager, you can specify the complexity and minimum length of passwords and define unwanted apps (app blacklisting and whitelisting). You can place restrictions on the use of the app store or the camera. A compliance dashboard provides an overview of conformity with freely definable security regulations and compliance guidelines, and modifications made to the operating system can also be detected (“Jailbreak”/“Root”).

You can also securely erase all data from a tablet PC or smartphone at the end of the lifecycle, and remove the device from your infrastructure, in the same easy way that you integrate it into your IT environment. Just a few mouseclicks are required to unlock a device again when employees forget their PIN. Stolen devices and lost smartphones are no longer a disaster. You can simply format them remotely. And the replacement device is automatically set up with the correct profiles and guidelines.

Tablet PCs and smartphones are a useful supplement to notebooks, and make it easy for employees to stay in touch with the company even when they are on the move. At the same time, however, the plethora of mobile endpoints makes life difficult for the IT department, as devices also need to comply with company requirements and security regulations. Mobile device management is to be efficient, and mobile endpoints must be made part of standardized lifecycle management.

CROSS-PLATFORM CONFIGURATION

Configuring devices from different mobile platforms is complex and time-consuming. The same parameters need to be entered in a different way for each operating system. baramundi Mobile Devices provides a uniform user interface for this purpose.

A toolkit containing various profile building blocks for enterprise mobility management that can be combined makes it possible to set up devices on different platforms while taking account of the specific functions of individual platforms and device types.

DEPLOYING APPLICATIONS AND SETTINGS

This EMM solution allows you to deploy apps to mobile devices just as easily as certificates and settings. You can use the simple search in the Apple App Store. You also have the option of allowing users to install apps via the Kiosk integrated in baramundi Mobile Agent. Even if you need to roll out a company-wide configuration for certain apps, it can be easily accomplished using baramundi Mobile Devices. A clear GUI is provided for app configuration.

INVENTORY AND DATA PROTECTION

You can use Enterprise Mobility Management software to maintain an overview of all mobile endpoints and their configurations. Alongside the hardware configuration, you can also read operating system version, IMEI, network data, security settings, SIM information, installed apps, and additional information.
baramundi Remote Control

Connects Directly to Computer Desktops in the Network for Fast Remote Support

Some problems can easily be solved – provided you are sitting in front of the computer and can see the output on screen. baramundi Remote Control saves you lengthy processes by giving you remote access to every endpoint in the network.

REMOTE ACCESS

baramundi Remote Control allows you to remotely view a user's screen, while the user can continue to work. IT and helpdesk staff can react quickly to problems and demonstrate solutions that users can follow on their screens. baramundi Remote Control is also well suited to controlling server systems. They can directly access all servers from their workstation and can easily monitor, control, and maintain them remotely.

Typical user issues such as unresponsive printers, software configuration, or help with individual software features can be solved directly without significant effort being involved.

Remote access takes into account the requirements of the EU GDPR and is only possible either if nobody is logged on to the system or if the user explicitly consents. In addition, a clearly visible window on the remote system indicates that a remote connection is active.

BENEFITS

- Direct connection to endpoints in the network
- Rapid, targeted user support
- Keyboard and mouse control of the target system
- Takes into account the requirements of the EU GDPR

“The baramundi Management Suite wins us over all along the line. We are a small team and yet, with the help of the solution, we are as well positioned as a large team with lots of experts.”

Holger Beuschlein, WITTENSTEIN SE
Energy efficiency is a cost limiter – an expression of corporate responsibility and an effective measure for climate protection. The TÜV-certified baramundi Energy Management significantly reduces your computer workstations’ thirst for energy without disturbing users or impairing the performance of the computers. You relieve your company of unnecessary energy costs and save the environment from avoidable CO² emissions.

MEASURE POWER CONSUMPTION
baramundi Energy Management catalogs the runtimes of computers and monitors in the network. Pre-defined policies permit the energy use of individual PC systems, and of the entire company, to be reliably controlled, and the power consumption of IT equipment in individual departments or whole sites to be displayed, making it possible for energy costs to be reduced over the long term.

Reporting can focus on groups or on individual endpoints. baramundi Energy Management calculates energy usage in accordance with the EU GDPR, ensuring that no conclusions can be drawn about the working habits of individual employees.

CATALOGS ENERGY TRENDS IN THE NETWORK
Clearly laid-out reports show you how long a device has been running, in standby mode, or switched off. Consumption values are assigned to each hardware type to determine their power consumption. This means you can provide targeted and automated optimization via an energy profile, reduce costs, and make your company a bit more future-proof in the face of rising energy prices.

TÜV Rheinland has tested baramundi Energy Management and has confirmed that it is significantly more energy-efficient than Windows power plans.

“We were suffering from slow desktops, lengthy patching processes and complicated deployment. The decision to choose baramundi’s Management Suite ended up saving us both time and effort by giving us better visibility and control over the network, regardless of the device build, level of patching or current location. Now we can push out all software, even down to mobile phones.”

Luke Kibble, Goodman Masson
Put the pen down and stop creating lists by hand: baramundi License Management automatically detects installations in your organization's network and reconciles them with stored license information. The simple and clear reports mean that it is easy to identify any cases of over- or undercoverage. This enables you to create the foundation for reliable, compliant license management within your organization with reasonable effort.

**TRANSPARENCY FOR SMART COST CONTROL**
License fees are responsible for the lion's share of costs in IT. Overcoverage can therefore be just as expensive as a software audit that finds the number of licenses is too low. In order to counter this, the most important first step is to gain an overview of the actual software installations within the organization and to make existing contracts that evolved over time transparent.

**GAIN AN OVERVIEW WITH BARAMUNDI INVENTORY**
baramundi License Management obtains the data to do this directly from baramundi Inventory: In addition to the name, the system also records how many and which applications and operating systems are installed. Of course, there is also an option to add installations on devices not managed via baramundi.

**STRUCTURED RECORDING OF LICENSE INFORMATION**
The next step is to populate baramundi License Management with the license information. For this purpose, a structured and well-designed framework is made available to license managers where they can enter relevant data from license documentation. For example, it records whether certain upgrade or downgrade rights exist, as well as other specific license characteristics. Scans and other files can be linked to the entries for better traceability.

**EASY-TO-UNDERSTAND REPORTS**
The baramundi License Management module creates clear, easy-to-understand reports after reconciling the inventory results with the stored license information. This results in clear indications of any need for action regarding possible over- or under-licensing.

**ADDED VALUE THROUGH AUT AND DEPLOY**
Before a new license is purchased, the frequency and most recent uses of software installations can be read via the baramundi AUT module, and surplus and/or unused installations can be removed directly via baramundi Deploy. This means that immediate corrective action is also available, which is also a much cheaper alternative to purchasing a license.

**ACCESS EVEN WITHOUT BARAMUNDI MANAGEMENT CENTER**
A flexible web browser interface allows access to baramundi License Management, even without a local installation of the baramundi Management Suite, allowing license managers outside the IT department to also have access to the cost-saving and efficiency-enhancing management tools of the baramundi License Management module.

**BENEFITS**
- Simple, clear reporting
- Fast, transparent detection of over- or underlicensing
- Forms the basis for reliable, compliant license management
- Flexible web interface for work-stations without a baramundi Management Center installation
- Structure for recording products, licenses and contracts
- Simple assignment of existing installations in the organization
- Standard reporting and creation of individual reporting views
Protect Your IT Simply and Cleverly!
baramundi Vulnerability Scanner

Automated Checking of PCs and Servers for Known Vulnerabilities and Fulfillment of Security and Compliance Policies

Vulnerabilities and insecure settings on individual endpoints threaten the security of an organization’s entire network and its confidential data. It is simply not possible for IT administrators to constantly check IT compliance on all computers. baramundi Vulnerability Scanner takes on this task.

**IMPROVE SECURITY, STAY ONE STEP AHEAD OF ATTACKERS**

The damage potential of vulnerabilities is enormous. Tools are circulating on the Internet that can be used by attackers to exploit vulnerabilities even without extensive specialist knowledge. The unpleasant consequences include data loss, industrial espionage, and disruptions to work processes. And while attackers only have to know about individual vulnerabilities, IT administrators are forced to test all devices in their environment for all known security vulnerabilities. In the race between admin and attacker, baramundi Vulnerability Scanner keeps you one step ahead of the cyber criminals.

**AUTOMATED VULNERABILITY SCAN**

baramundi Vulnerability Scanner automatically scans computers in the company for known and documented vulnerabilities, such as software vulnerabilities, incorrect configurations, and individual vulnerabilities that could be exploited by attackers. The vulnerability scanner uses standardized rules that are maintained by well-known organizations and security companies. There are currently 25,000 rules that are constantly updated and which serve as a basis for checking security vulnerabilities.

The vulnerability scanner meets compliance management guidelines and performs scans automatically on all PCs and servers at such a level of granularity that IT administrators would be unable to match it without technical tools.

A clear dashboard visualizes the degree of susceptibility at a glance, and allows you to navigate directly to the individual target systems or to detected vulnerabilities. This makes continuous checking of all target systems for known security gaps possible.

Missing updates and patches can then be quickly distributed directly via the baramundi Management Suite. With the baramundi Vulnerability Scanner, you can efficiently ensure greater security, and close any possible gateways to cyberattacks.

**BENEFITS**

- Automated scanning for vulnerabilities
- Automated checking of device configuration settings
- Create your own user-defined rules and have them checked regularly
- Results clearly displayed in a dashboard
- Close gaps quickly directly via the baramundi Management Suite
- Increased system security

**Crucial Vulnerabilities of 2018**

Around a quarter of all weaknesses in 2018 were classified as high or critical priority.

![Vulnerability Levels](https://www.cvedetails.com/cvss-score-charts.php)

- **low**: 13%
- **medium**: 62%
- **high**: 16%
- **critical**: 9%

https://www.cvedetails.com/cvss-score-charts.php
Ensuring IT security also means keeping applications up-to-date with software patches. Patches close security gaps, correct errors, and extend features.

Imagine you have an employee who always keeps a lookout for up-to-date Microsoft patches and downloads them from the Internet. An employee who independently installs these patches according to your wishes, and of course strictly in accordance with your requirements, or asks you what they should install, where and when. An employee that works 24 hours a day and costs no more than the license fee for really good software. Where can you find an employee like that? Easily – in the baramundi Management Suite. It will ensure that all patches provided by Microsoft are installed securely, quickly, and reliably. You can save time and money and close any security gaps.

**FAST PATCH DEPLOYMENT WITHOUT DISTURBING USERS**

baramundi Patch Management allows the automatic installation of Microsoft patches and provides fundamental security in your IT environment. It checks network computers for necessary patches and supplies them with all operating system updates and security hotfixes reliably and securely in a rules-based process. baramundi Patch Management also supports the efficient deployment of cumulative (security) updates from Microsoft. Users can continue to work undisturbed while the installation processes run in the background. Any reboots required are pooled together to keep the installation time as short as possible. As patches can be installed from multiple file servers, the load on the network also remains low.

**SIMPLE AND FLEXIBLE OPERATION**

Even though baramundi Patch Management runs automatically, it only does what the administrator intends and allows. You define what is installed automatically and when you wish to be consulted in advance. The software is simple to operate and users only need a short period of training. The distribution of patches can be customized. baramundi Patch Management securely downloads patches and deploys them completely automatically upon request. You can maintain an overview of your patch status at all times and can install patches for specific individual computers for groups or for entire domains and sites.

With baramundi Patch Management, if you run a Windows Server Update Service (WSUS) from Microsoft in your IT environment, you also have the option of controlling this remotely, and distributing updates and patches in a targeted way.

**CLOSE SECURITY GAPS ACCORDING TO CUSTOM RULES**

Automatic also means controlled. You can specify in detail how baramundi Patch Management should work for you. You define whether systems should just be searched for missing patches, or whether the missing patches should also be installed at the same time. You can release patches automatically or manually, and can define rules for different groups in your IT landscape.
All available software packages are clearly displayed in the baramundi Management Center and are perfectly integrated into baramundi Inventory. You can also add your own data, or define your own application usage tracking rules for software use if needed.

Users can immediately see which applications have available updates, decide whether the update is relevant for them based on extensive information, and roll out the update when needed with just a few mouse clicks.

The range of applications that can be automatically updated with baramundi Managed Software is constantly updated. You can find a list of all supported programs here: www.baramundi.com/managedsoftware

PERFECTLY PREPARED
baramundi software experts monitor updates and security patches from numerous non-Microsoft applications and make them available in baramundi Managed Software as tested software packages that are ready for deployment. Security-relevant updates are made available in a timely manner – fully tested and ready to be rolled out.

The packages are ideal for initial installation, update installations, patches, and deinstallation, and are available for all operating system platforms supported by the relevant release.

Applications used by and accessible to cyber criminals

- Microsoft Office 55%
- Browser 20%
- Android 18%
- Java 4%
- Adobe Flash Player 3%
- Adobe Reader 1%

https://securelist.com
Form employees of how to securely handle external drives and devices in order to improve user safety awareness.

THE BENEFITS FOR YOU:
- Protection against undesired external access
- Protection against data flow
- Detailed permission settings
- Secure encryption for mobile media
- Detailed logs

baramundi Smart DeviceGuard powered by DriveLock enables flexible control of all externally connected media and provides additional security for network shares or WebDAV-based drives. Administrators can specify, for example, who is allowed to use which drives at what time and who is allowed to read or copy which files. USB sticks, SD media, eSata disks or even burned CDs/DVDs can be encrypted with certified procedures. In addition, security awareness campaigns can inform employees of how to securely handle external drives and devices in order to improve user safety awareness.

Powered by DRIVELOCK

baramundi Smart DeviceGuard
Flexible and Secure Control of All Externally Connected Media

THE BENEFITS FOR YOU:
- Flexible and Secure Control of All Externally Connected Media
- Self-learning whitelist concept for optimal protection
- Effective protection against known and as yet unknown threats
- Reliable control of all applications across the entire corporate network
- Special protection for business-critical servers
- Self-service concept possible
- Detailed logs

Govern All Executables Within the Company

baramundi Smart AppGuard Control powered by DriveLock ensures the protection of IT systems, such as to prevent the spread of malware within the IT environment. It incorporates the functionality of baramundi Smart DeviceGuard; in addition, through efficient black and self-learning whitelisting, administrators also retain control over all applications that are deployed in the enterprise. At the same time, administrators can use baramundi Smart AppGuard to determine which applications can be run by which users.

POWERED BY DRIVELOCK

baramundi Smart AppGuard
Govern All Executables Within the Company
This means that sensitive data is quickly and reliably encrypted on the local computer, in a central directory of a server on premise or on a cloud-based service such as Dropbox, Microsoft OneDrive or Google Drive.

baramundi File Protection powered by DriveLock offers unique user-based or group-based encryption at the file level, which is not only very easy to configure but also meets all requirements for a cost-effective, enterprise-wide solution.

User-Based or Group-Based Encryption at the File Level

The most important functional components include: FIPS 140-2 certified encryption module, fast pre-boot user authentication, single sign-on and proven and fast recovery capabilities.

baramundi Disc Protection powered by DriveLock encrypts your company data securely! Disk encryption works transparently and inconspicuously without interfering with the work process or the user.

Quick and Reliable Encryption of the Entire Hard Disk or Partition

POWERED BY DRIVELOCK

POWERED BY DRIVELOCK
baramundi Disaster Recovery

Accurate Backing up and Restoring of Drives

Damaged hard drives or stolen notebooks – whether you respond to this problem with a few mouseclicks or with a rush of adrenaline depends on the answer to one small question: did you activate baramundi Disaster Recovery?

RESTORE SYSTEMS QUICKLY
To restore data, simply call baramundi Disaster Recovery and import your backup. This enables you to easily deal with minor and major incidents with standardized job routines.

You control all tasks for backup and restore centrally from the baramundi Management Center. Easily create regular backups and, if the worst comes to the worst, restore an entire computer with just a few mouseclicks.

If you wish to back up individual user files, the best option for you is baramundi Personal Backup.

TARGETED BACKUPS FOR YOUR SYSTEMS
baramundi Disaster Recovery backs up complete partitions as an unmodified image quickly, securely and during ongoing operation, allowing the user to continue to work completely undisturbed.

You decide where and how to back up: locally or on the server. The backup files are automatically compressed, permitting you to make optimum use of the available resources.

BENEFITS

- Backs up complete partitions as a binary image during ongoing operation
- Easily resets systems to a defined status
- Enables restore in identical or newly created partitions
- Minimizes downtime caused by damaged hard drives, hardware loss, or virus attacks
- Allows you to set priorities between speed and minimum resource requirements in the disaster recovery plan
- Saves compressed backups locally to the system, or centrally to a server

“The support is quickly accessible and extremely solution-focused.”

Doris Ritter, Ehrmann AG
It’s the same story with every new computer. It can take days until you get all the settings perfectly customized. Are your personal settings as secure as the valuable data in your company? They are with baramundi Personal Backup.

**EFFECTIVELY BACK-UP PERSONAL FILES AND SETTINGS**

baramundi Personal Backup ensures that familiar settings are quickly available again – even on an entirely newly installed computer.

Use baramundi Personal Backup to back up your data to free up time for really productive work. You can conveniently save all user data, e.g. Office documents and settings, as personal preferences in your applications.

**RESTORING PERSONAL FILES**

baramundi Personal Backup regularly backs up your documents, files and settings with automatic data backup. You can then restore exactly the version you need at any time. And after a new installation with baramundi OS-Install, baramundi Personal Backup automatically restores your backed up files and settings.

**SIMPLE MANAGEMENT**

You can define what is backed up, where it is backed up, and how it is backed up, in clear backup templates that you can easily manage and add to.

You can control all tasks for backup and restoration centrally via job control in the baramundi Management Suite. Here, you can define the validity, frequency, user interaction, and much more.

**NEW INSTALLATION AND REINSTALLATION**

Avoid time-consuming troubleshooting when software problems occur, and simply reinstall the software on the computer concerned, fully and completely automatically, with just a few mouseclicks.

baramundi OS-Install, baramundi Deploy and baramundi Patch Management carry out the tasks reliably. baramundi Personal Backup also restores your backed up files and settings automatically.

**BENEFITS**

- Backs up files, documents and registry entries
- Uses backup templates to simplify management
- Flexible backup scheduling
- Incremental backup and compression for minimal use of resources
- Stores compressed data locally on the system, or centrally on a server
- Also restores individual files
Excellent Connections
baramundi Connect

Offers Various Interfaces to Other Applications Such as Helpdesk, License and Asset Management

Expand your IT capabilities with powerful components from the baramundi Management Suite. Thanks to its many open interfaces, different systems and solutions can easily connect to Endpoint Management. Automate desired sequences individually and adapt them to fit your company's needs.

Use our REST-based web service to allocate and control jobs. The web service also allows you to access lists of the software you use and all the devices you manage, as well as their features. Benefit from increased efficiency through the targeted integration of your license management software, your helpdesks, and your incident management and workflow systems.

Our baramundi Inventory module helps you to do just this. The module gathers any data you need from the network. This data is then made available to the relevant applications through the interfaces. Use Microsoft Office functions with the baramundi interfaces to access the data you need. If you wish to find out what additional functions and connections baramundi interfaces can offer you, then visit our user forum: forum.baramundi.com

BARAMUNDI RECOMMENDATION
Use our REST-based web service as an interface. As a standardized solution, it can be easily integrated into all common programming languages and into Microsoft Office using modern security standards. You can also automate any desired baramundi Management Suite actions using the Powershell and Commandline Interface (CLI).

“Compared to other solutions on the market, baramundi offers many more features at a similar cost.”

Bartłomiej Stryczek, Transgourmet Polska Sp. z o.o.

BENEFITS

- Standard-compliant XML and JSON web services
- Automation across all common languages
- Constantly growing number of existing connections
# The Full Potential of the baramundi Management Suite

## Inventory

<table>
<thead>
<tr>
<th>baramundi Inventory</th>
<th>Overview of hardware, software, and all data from the company</th>
</tr>
</thead>
<tbody>
<tr>
<td>baramundi Network Devices</td>
<td>Detects SNMP devices such as printers, routers, switches, and other network devices, and visualizes the network topology</td>
</tr>
<tr>
<td>baramundi AUT</td>
<td>Finds unused software and helps cut licensing costs</td>
</tr>
</tbody>
</table>

## Installation

<table>
<thead>
<tr>
<th>baramundi OS-Install</th>
<th>Install operating systems quickly and natively</th>
</tr>
</thead>
<tbody>
<tr>
<td>baramundi OS-Cloning</td>
<td>Quick installation of identical configurations</td>
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</tbody>
</table>

## Deployment

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<thead>
<tr>
<th>baramundi Deploy</th>
<th>Smart installation and deployment of software with flexible installation methods</th>
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<tbody>
<tr>
<td>baramundi Automate</td>
<td>Quick and secure workflow automation</td>
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</tbody>
</table>

## Management

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<tr>
<th>baramundi Mobile Devices</th>
<th>Adds automated mobile endpoint management to the baramundi management suite</th>
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</thead>
<tbody>
<tr>
<td>baramundi Remote Control</td>
<td>Connects directly to computer desktops in the network for fast remote support</td>
</tr>
<tr>
<td>baramundi Energy Management</td>
<td>Detects energy consumption in the network and helps to reduce energy costs</td>
</tr>
<tr>
<td>baramundi License Management</td>
<td>Creates a quick overview of your licenses, helping to avoid over- and underlicensing</td>
</tr>
</tbody>
</table>

## Security

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<tr>
<th>baramundi Vulnerability Scanner</th>
<th>Automated checking of PCs and servers for known vulnerabilities and fulfillment of security and compliance policies</th>
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<td>baramundi Patch Management</td>
<td>Automatic and manual, rule-based, reliable patch deployment</td>
</tr>
<tr>
<td>baramundi Managed Software</td>
<td>Provides updates and security patches for numerous applications as software packages that are tested and ready for deployment</td>
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<td>baramundi Smart DeviceGuard powered by Drivelock</td>
<td>Flexible and secure control of all externally connected media</td>
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<td>baramundi Disk Protection powered by Drivelock</td>
<td>Quick and reliable encryption of the entire hard disk or partition</td>
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## Backup

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<th>baramundi Disaster Recovery</th>
<th>Accurate backing up and restoring of drives</th>
</tr>
</thead>
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<tr>
<td>baramundi Personal Backup</td>
<td>Effectively backs up user data and settings</td>
</tr>
</tbody>
</table>

## Network

| baramundi Connect | Offers various interfaces to other applications such as helpdesk, license and asset management |
baramundi software AG provides companies and organizations with efficient, secure, and cross-platform management of workstation environments. Around the world, over 3,000 customers of all sizes and from every sector benefit from the German manufacturer’s many years of experience and outstanding products. These are compiled into an integrated, future-orientated unified endpoint management approach in the baramundi Management Suite: endpoint management, enterprise mobility management, and endpoint security are provided via a shared interface, using a single database, and according to global standards.

baramundi Management Suite optimizes IT management processes by automating routine tasks and providing an extensive overview of the status of the network and endpoints. It relieves the pressure on IT administrators and ensures that wherever they are, users always have the necessary rights and applications on all platforms and form factors, whether on PCs, servers, notebooks, mobile devices and Mac.

A FEW OF OUR SATISFIED CUSTOMERS:
We are looking forward to meeting you!

Get in touch!