



**8MAN**

## Managing Permissions in the Information Jungle.

### 8MAN guides you through.

Amidst growing unstructured data, companies often lose track of internal permissions structure – leaving highly sensitive data susceptible to unwarranted internal access. Traditional approaches are no longer sufficient to manage users and their access rights.

8MAN empowers you with the transparency you need to make sense of the access rights situation across your organization.

Only if you know who has access to which data, can you defend your sensitive information against unauthorized access, and consequently shield your business from impending financial and legal damages.

*"When we finished the test run of 8MAN and saw all of our past mistakes, we were shocked. "*

Meinolf Zimmermann,  
EDV-Manager  
City of Höxter (Germany)

## Structured and detailed.

### View all authorizations clearly.

As organizations mature, their authorization framework tends to get increasingly complex. For instance, a single user can have several different ways of accessing a particular file. By deploying 8MAN you can track all user activities down to the last detail. It helps you identify which users have access to which data and objects, and by whom and how these rights were granted.

You can use 8MAN to avoid duplications and errors in authorizations, while simultaneously saving countless man-hours needed to perform these tasks conventionally.

The resultant clarity also offers a sound foundation for your company to comply with various data protection laws.

***"With 8MAN as the central management technology, we can now look directly at the mailbox permissions of a user in Exchange – just as we can for SharePoint. Exchange does not offer this level of management."***

Sebastian Loscher,  
IT Manager  
CMS Hasche Sigle

## All permissions at a glance.

### Integrated administration.

From Active Directory, file server, Exchange and SharePoint to virtual environments – businesses constantly integrate new technologies to store their valuable data. Despite numerous merits, this also has its share of shortcomings.

In a dynamic software ecosystem, companies have, at best, a fragmented overview of roles and permissions awarded to users. Keeping track of the various permissions within diverse environments can prove extremely challenging.

To ease this burden, 8MAN integrates several technologies, giving a consolidated overview of permissions – drastically minimizing errors while reducing manual effort by up to 90%.

***"With the Data Owner concept and 8MAN for SharePoint, we can finally see who has what rights to SharePoint objects. No other technology offers this."***

Aldis Ešmits,  
Head of IT service unit  
at Riga International airport

## Is your data really in safe hands?

### Restrict unauthorized internal access.

A closer inspection of authorization structures often reveals overprivileged users and other discrepancies which can lead to serious insider fraud. Proactive security measures like 8MAN are therefore needed to limit access strictly on a need to know basis. Not only does this nurture accountability and awareness, but it also contributes to significant cost and time savings.

Subsequent benefits of 8MAN are evident during audits. 8MAN actively supports various compliance regulations like ISO and PCI DSS in a secure and nonintrusive manner.

Needless to say, robust Data Security policies and efficient processes further add to an organization's credibility.

***"We wanted more compliance for documentation and administration on our Windows servers. After just two hours installing and configuring 8MAN we were convinced that we made the right choice."***

Axel-Rüdiger Schmidt,  
Head of IT  
Hamburg Emergency Hospital

## Welcome to your comfort zone.

### 8MAN: Secure. Efficient. Simple.

In our experience, it is prudent to ensure that all permission management tasks include input from the appropriate people, i.e. the particular business unit responsible for creating the data. For this reason, we have designed our unique Data Owner concept.

Using this feature, even the least technical of users can take meaningful roles in managing permissions using simple drag-and-drop functions. Little or no training is required to ensure your data's security.

With 8MAN you can finally alleviate undue pressure on the IT department, pass responsibility to the business, and measurably enhance productivity.

*"We wanted to simplify the administration of rights and responsibilities by bringing them directly to the data owners. This has reduced our workload and increased the pace at which we can work. The internal auditing department now has the opportunity to review permissions directly."*

Alexander Schanz,  
Head of IT

Deutsche Flugsicherung / Air Traffic Control

## No more surprises.

### Create trust through risk management.

Time and again companies are caught off-guard by inappropriate access rights, often resulting in enormous penalties and/or legal problems. Despite this, internal data security is rarely given the importance it deserves.

8MAN is designed to monitor and record all user activities in Windows environments. All access rights, alterations or deletions are recorded. Reports can be generated, making it easy to trace back and investigate, if needed.

8MAN leaves no room for ambiguities or unwanted surprises.

*“The key for us is that the changes are logged and reported, which was the main reason for the purchase. With 8MAN we are able to quickly respond to requests from our data protection officer.”*

Bodo Nies,  
IT-Manager  
LandE-Public Utility Wolfsburg



## Get closer to your security goals.

### **Integrity of your data is our priority.**

Our team of experts closely monitors changing trends to cater to your dynamic needs. With a sharp focus on innovation, our aim is to offer superior customer experience while allowing businesses to regain control of their intellectual assets.

In line with this objective, we collaborate closely with our customers enabling us to stay ahead of the curve, integrate new technologies and develop smart features to fit modern day requirements.

After the integration of several Microsoft technologies, 8MAN now offers streamlined internal data security for VMware's vSphere.

*"In my view, 8MAN for vSphere is the only solution that shows access rights transparently. We were convinced of 8MAN from other areas—the company itself is flexible and innovative, like abtis. The Development performance was sensational with the quality of the first Alpha / Beta versions being incredible."*

Thorsten Weimann,  
CEO & Senior Consultant  
abtis GmbH (MS Certified Trainer / VMware VCP 4 & 5)

A lush tropical forest scene with large trees and a river flowing through it. The foreground is dominated by large, moss-covered tree roots extending into a shallow, clear river. The background shows dense green foliage and more trees, creating a sense of a deep, natural environment.

## Our roots.

### “Who has access to your data?”

In today's age, knowledge is the new currency. But ever so often we are unable to answer this seemingly simple question: “Who has access to your data?” The lack of clarity and answers to this critical question led to the inception of [protected-networks.com](https://protected-networks.com)

Inspired by simplicity, ingenuity and innovation, we started in 2009 in the thriving start-up hub of Berlin. Working closely with clients, we gained rich insights into their needs and knew exactly what we wanted to create: a non-intrusive, efficient and user-friendly technology that shows companies who can access their sensitive data. And thus, our flagship technology 8MAN was born.

Backed with a proficient technical team and commitment to the data security domain, today we have a strong international presence with a network of global clients and dedicated resellers.

*“Rarely do you see a company which responds so quickly to its customers.”*

Bodo Nies,  
IT-Manager  
LandE-Public Utility Wolfsburg



## Many Technologies. Single Interface

8MAN integrates various technologies to give you a quick and easy overview of permissions, making your day-to-day tasks easier. It improves internal security by offering an overview of rights on file servers, Exchange, Active Directory, VMware vSphere and SharePoint. It visualizes and manages rights with simple functions and processes. 8MAN is incredibly practical and uses .NET technology. It can be implemented within just a few hours in virtually any Microsoft system and VMware vSphere landscape.

Its graphical interface displays the existing rights situation in AD group structures, NTFS permissions and SharePoint, down to the individual user level. This provides a quick and simple overview of current rights structures in the form of a graph, list or tree structure.



### File server

With 8MAN, you can administer, authorize, delegate and generate reports for file servers. 8MAN supports NetApp, EMC, Windows file server and anything else running on CIFS. It is a central management technology for cross-server visualization, administration and also in outsourcing situations.



### Logging

8MATE Logga generates reports on all activities performed on a file – like who accessed, edited or deleted it. It also records all unauthorized access. The FS Logga monitors Windows and NetApp file servers, the AD Logga documents changes to AD objects. 8MATE Logga supports Windows NTFS Server, NetApp server and AD.



### Active Directory

Backed with its superior graphical user interface and intuitive functions, 8MAN enables clients to visualize and understand AD objects vividly. Duplications and errors are immediately exposed, allowing the IT team to take corrective measures.



### vSphere

8MAN for vSphere helps you understand who, where and what is included in group memberships. It identifies which rights have been assigned and how. Default workflows make it possible to run a target-actual-comparison report with the user roles, assisting you in avoiding incorrect permissions.



### E-Mail Server

8MAN for Exchange shows all permissions for mailboxes and folders in Exchange. It also displays all 'Send As', delegations and proxy regulations. Without entering a folder, its possible contents can be determined simply based on the visual elements.



### SharePoint

8MAN for SharePoint displays all permissions and group members on a SharePoint farm. Scan comparisons can be performed for a before-and-after overview of access rights.



## VIEWING

ACCESS: WHO / WHERE / WHY / FOR WHAT DURATION / DUE TO WHICH ACCESS PATH / BY WHOM?



## ADMINISTRATION

DIRECTLY IN 8MAN / DRAG AND DROP / TEMPORARY ACCESS RIGHTS / DATA OWNER CONCEPT / AUTHORIZATION.



## REPORTING

QUICKLY CREATE REPORTS / REPORTS SCHEDULED AND EMAILED AUTOMATICALLY / EASILY UNDERSTANDABLE / DISPLAYS CHANGED PERMISSIONS / ACCESSED DATA.



## DELEGATION

DATA OWNER CONCEPT / USER FRIENDLY / CLEARLY DEFINED RESPONSIBILITY / IT COMPLIANCE / NEED-TO-KNOW / LEAST-PRIVILEGE-PRINCIPLE / HELP DESK WITHOUT ADMIN RIGHTS.



## REVIEW

BSI IT BASELINE PROTECTION / TRANSPARENCY / ISO 2700X / IT COMPLIANCE / PCI-DSS / REPORTS / DOCUMENTATION / DATA SECURITY.

## View

All rights of a user, independent of group membership, are clearly displayed in 8MAN. This functionality applies to SharePoint, Exchange and vSphere. Redundant permission paths as well as recursions can be clearly identified and corrected in 8MAN.

## Administer

Each data owner can independently manage permissions on his resources. Every modification in the authorization mode requires a validation before assignment of the new rights. An authorization tool automatically generates requests awaiting approval from administrators. Business and IT roles are clearly separated, as per the requirement of various guidelines.

## Report

All changes, even the ones made by administrators, are documented in 8MAN. 8MATE Logga registers all access to specific directories and files. It can then be verified exactly who performed which actions and when. It can be determined who accessed and modified a certain file. Automated reports can be generated to ascertain the current rights situation. If authorized, internal or external auditors can carry out these checks without any help from the IT department. IT and business users can effortlessly understand these reports.

## Delegate

In 8MAN, each user is responsible for his data. The respective department manager knows which information is sensitive in nature and which data a particular user can access. Privileged users can also assign rights for temporary users like interns or holiday substitutes. Thus, from the very beginning incorrect permissions can be avoided, meaning that everyone takes active responsibility towards their data.

## Review

8MAN allows you to easily check to what extent compliance standards and regulations are implemented, such as the IT Baseline Protection or ISO 2700x. Thanks to 8MAN's intuitive user interface data protection officers can run reports independently to clarify the current access rights situation.