

## **macmon Version 5.15.0 - More performance, improved scalability, higher speed**

macmon secure GmbH, technology leader for network security, develops its Network Access Control (NAC) solution completely in Germany. The Berlin-based in-house development team has now been able to even extend the best-of-breed solution with further significant features in order to solve major future challenges of Corporate IT-Security. With macmon NAC, enterprise networks will be even more effectively protected against unauthorized access. Security teams will be significantly relieved of administrative workload. The amount in security tools will be reduced, and the IoT-devices securely operated.

### **More steam on the engine**

With version 5.15.0, macmon secure GmbH has reached yet another milestone. In addition to numerous new and improved functions, the overall performance of the engine could be significantly increased, again. Therefore the processing speed of large amounts of data - as they occur in the Domain Name System (DNS), the network device detection and footprinting - multiplied.

### **The GUI provides even deeper looks**

In the optimized dashboard, administrators now can see more details about unauthorized devices in the network status in more detail. macmon NAC also evaluates the network status. This relieves the IT department from work and makes decisions easier. With new and enhanced filter wizards, macmon NAC now also offers the option of searching in IPv4 and IPv6 ranges. The filters can be even more granular. In addition, RADIUS authentication information has been enhanced in reporting and included in a NAC RADIUS report.

### **Scalability for growing networks**

In addition to various improvements and optimizations, which result from the close collaboration with the macmon customers, it is now possible to also implement NAC via SNMP with macmon satellites, enabling decentralized NAC. The synchronization of the servers has been significantly accelerated, the interaction has been expanded considerably with more stability. The transparency of the processes and the performance of the scalability nodes has been increased. In addition, detailed status messages provide more transparency about the synchronization as well as the system status of the satellites.

### **Past Viewer - Smart look back and into the future**

The relatively new Past Viewer feature has been further optimized to more effectively evaluate the historical data of the network. On one hand, the collected information was supplemented by further details and the search for historical data was made more flexible for the administrator.

Further info: [macmon NAC Datasheet Past Viewer](#)

### **Switch Viewer - extended functions around network components**

For logins to a network device, the macmon RADIUS server can now be used for authentication. To do this, macmon NAC has a separate set of rules that makes access options controllable. The switch port layouts stored in a particular network device can be configured, and also displayed graphically. The overview of complex networks increases enormously.

Learn more: [macmon NAC Datasheet Switch Viewer](#)

### **macmon REST API – more visibility**

With a much wider range of functionalities, the macmon REST API now covers almost all areas of macmon NAC. Thus, the possibility to set manual links was added and the intelligent access to endpoints was extended. So not only the information about company devices, guest devices, and BYOD devices, but from now on about any other unknown/discovered devices are available. Last but not least, the API also enables guest management and Wake-On-LAN.

### **Policies – higher flexibility**

Access VLANs configured on the switch ports can now be automatically adopted as terminal standard VLANs. Other VLAN concepts can be implemented flexibly, extending to parallel operation with other VLAN management solutions. By activities and on demand you will be informed by e-mail about the event ID and get with one click directly to the process.

### **Simple network diversity**

To support the widest possible network device diversity, several new methods are included, such as extended capabilities for SonicWall Firewalls, Cisco WLAN Controller 5500 and switches from HP (1910s), Ruckus, Extreme (Rail), Alcatel (Industrial), Enterasys and Moxa.

### **Guest portal even more flexible**

The management of guests and the creation of vouchers via the macmon guest portal has been expanded and is now much more flexible. Administrators can differentiate between time of usage and usage duration and are in the position to extend voucher lifetime quickly. In addition to texting, a SMS can be sent to guests on extension or expiration of their utilization period. The portal pages can now also be displayed in Spanish and Italian. The site offers an optimized display of details and messages for administrators and guests.

### **FireEye integration extends connectivity**

The new integration of FireEye enables the receiving and processing of status information of individual endpoints in the network. This way, endpoints that are classified by FireEye as dangerous or infected, are automatically isolated in macmon NAC, accordingly.

Learn more: [macmon NAC Datasheet Compliance](#)

### **Integration with other security solutions for real added value**

In macmon NAC, other security products can also be integrated, for example, endpoint security solutions, emergency management and firewall / IPS. The company uses its long-standing technology partnerships with well-known manufacturers of security products such as Barracuda, Certex Tenfold, Contechnet, EgoSecure and NCP to promote the knowledge exchange. The open macmon REST API also enables direct connection to any asset management system, identity source or infrastructure component. Customers benefit from these far-reaching opportunities and can optimally combine multi-vendor IT systems.

Further information: [Technology partner and product integration](#)

### **Christian Bücker, Managing Director macmon secure GmbH, summarizes:**

"Over the past few months, our development team has developed significant capabilities that will allow us to further extend our leading position in the dynamic network security market. Our customers appreciate macmon NAC because we offer a solution that can handle the existing enterprise infrastructure in a highly dynamic, but also an intelligent way. Network security becomes even easier and more efficient through our permanent in-house development capabilities."

**About macmon secure**

macmon secure develops network security software, focussing on Network Access Control. Founded in 2003 macmon secure has grown from strength to strength, becoming the technology leader in the field of Network Access Control. Based in Berlin, the macmon NAC solution is fully engineered in Germany. macmon secure has a broad diverse range of customers varying throughout all industries, capturing SMB's, medium sized enterprises through to large international corporations.

macmon's aspiration: Offering every company a flexible and efficient NAC solution. Which can be implemented with minimal effort, adding considerable surplus value for network security.

For more information, please visit: [www.macmon.eu/en](http://www.macmon.eu/en)

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**Contact at macmon secure Germany:**

Christian Bucker | CEO  
macmon secure GmbH  
Alte Jakobstrasse 79-80  
10179 Berlin, Germany  
Tel.: +49 30 2325777-0  
[nac@macmon.eu](mailto:nac@macmon.eu)  
[www.macmon.eu](http://www.macmon.eu)