

■ NETWORK BUNDLE

■ PREMIUM BUNDLE

■ ADD-ONS



macmon NAC - the NAC solution that fulfils the security criteria of the Federal Office for Information Security (BSI) in accordance with the Common Criteria (EAL2+)

macmon offers all the technology components required for secure network operations enabling central control and supervision of all network access. macmon is hardware & network equipment vendor agnostic and requires minimal installation and on-going administration. Due to the solution's modular structure macmon handles different security requirements from authentication via MAC address and certificate based solutions in accordance with IEEE 802.1X to the implementation of Trusted Computing Group security concepts.

In addition to macmon's network equipment vendor agnostic nature and extensive 3rd party technology integrations the macmon interface enables more effective enforcement of the centralised company guidelines and security policies. Being completely vendor agnostic adds further value to macmon's offering by enabling secure network management regardless of any previous investments in network infrastructure components.



macmon NAC is EAL2+ certified according to the report available on www.macmon.eu/en/bsi-cc.

Advanced Security

To effectively defend against external attacks you need (in addition to macmon NAC), protection offered by macmon's Advanced Security. Building on macmon NAC, a wide range of intelligently combined technologies have been used in this module, which offer you effective protection against all kinds of attacks.

Man-in-the-middle attacks such as ARP spoofing and ARP poisoning are detected and prevented by the central security instance. macmon Advanced Security accurately recognises your systems, and steps up security significantly. Vast amounts of system data such as the host name, IP address, operating system, open or closed IP ports, etc are analysed in the background in order to prevent address manipulation and eradicate further attempted attacks.

This means the module can offer an extensive range of complex methods in order to guarantee that your network is secure without you having to administer or implement these technologies yourself.

VLAN Manager

With the macmon VLAN Manager, you can take full advantage of the benefits of network segmentation from one centralised point, with very little effort. The system has the potential to reduce your administrative work in a variety of ways:

- Provides mobile users with access to the resources they use regularly, wherever they are in the company
- Allows departments, individual offices or specific systems to relocate
- Allows guest access to public areas
- Grants service providers access to dedicated resources
- Blocks general access to sensitive resources
- Implements BSI-compliant security concepts

macmon VLAN Manager allows both static and dynamic VLAN concepts to be introduced and implemented with very little effort. It also fully supports the BSI recommendation that unused ports should be disabled (or assigned to an unassigned VLAN), and only re-enabled when they are needed.

Standard IEEE 802.1X

The Institute of Electrical and Electronics Engineers (IEEE) is a global association that has committees for standardising technology, hardware and software. Standard 802.1X is a well-developed recommendation for the secure authentication of devices in networks. macmon supports this standard and aids its introduction and implementation:

- Allows mixed operating modes – with or without 802.1X
- Allows for device locating by communication with the network switches and access points
- Allows integration of AD/LDAP and other identity sources
- Dynamic and automatic rules
- Easy to implement, even easier to run
- Group-based configuration instead of extensive rules
- Allows concepts for security zones to be established and implemented

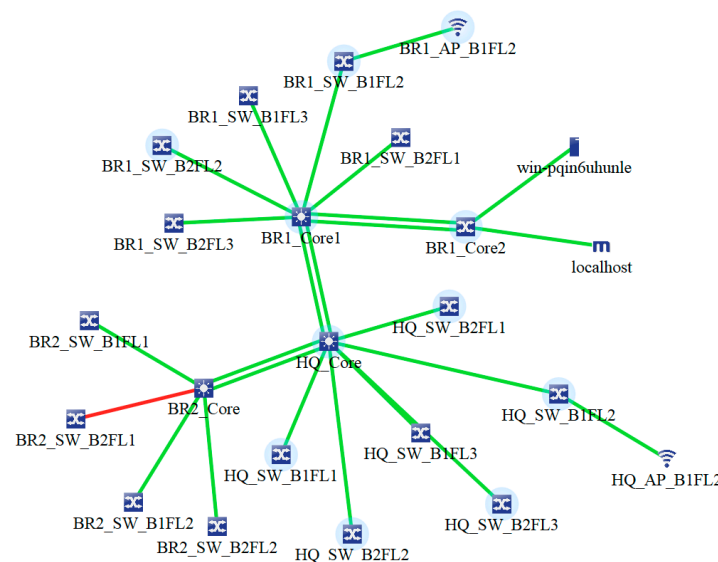
Guest Service – now included free in the Network Bundle!

These days, nearly everyone owns at least one mobile device and expects to be able to access the Internet wherever they are. However, mobile workers, service providers, suppliers and customers often require more specific access to certain resources in your company's network, which means that neither UMTS and LTE nor a completely separate guest network provide an adequate solution. macmon guest service, also referred to as macmon guest portal, offers the ideal solution for this:

- Intelligent BYOD solution
- Non-proprietary compatibility for all environments
- Quick and easy start-up
- Existing processes can be used and run
- Reduces the IT department's workload by delegating access rights (sponsor portal)
- Highly flexible access control for any situation
- Complete, real-time overview of all guest devices

Graphical Topology

Infrastructures, even in „smaller“ companies, are becoming increasingly complex and unmanageable. macmon's Graphical Topology provides you with a graphical representation of your network, allowing you to see at all times which devices are connected. If, as is the case in most networks, the network as a whole is split into virtual networks and error analyses are to be conducted there, this not only becomes complex, but it can also lead to serious errors when it comes to decision-making. This is exactly where macmon helps.

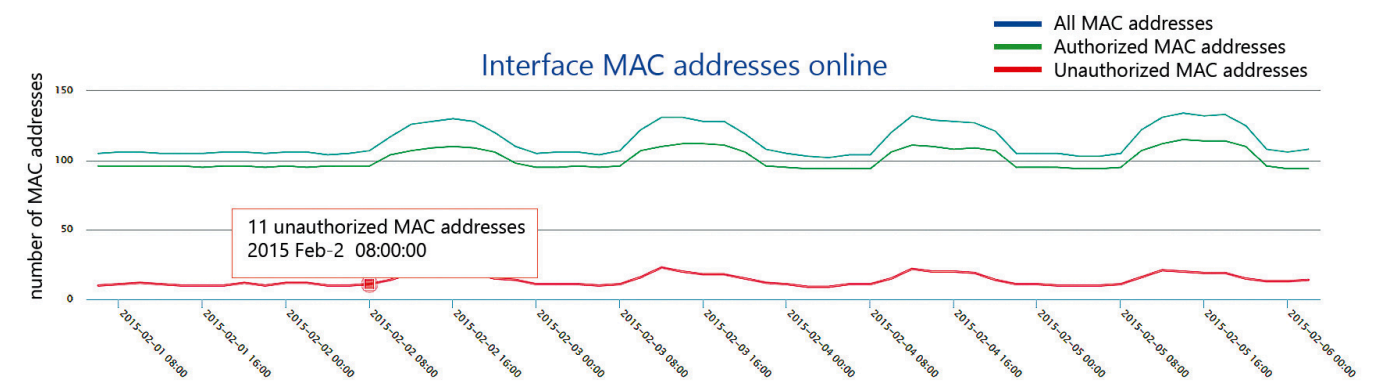


How you can benefit from the Graphical Topology

- Non-proprietary compatibility for all environments
- Information visualised so that it can be used effectively
- Allows requirements from inspections and audits to be met
- Can also be used with 802.1X
- Prevents incorrect decisions during network planning
- Allows a full overview of the network to be regained

Authentication and Authorisation

How the devices in your network are authenticated and authorised depends entirely on the architecture and capabilities of your infrastructure. For this, macmon combines SNMP with standard 802.1X and thus offers you the benefits that come with both technologies. From the MAC address combined with other system information, to the industry standard IEEE 802.1X in its various forms, all the possibilities are included: Username/password, Active Directory/LDAP account, identities from other, third-party sources, certificate.



PLEASE NOTE: For even stricter security requirements, macmon can offer you the macmon TP module (authentication via TPM chip). macmon Compliance and macmon Add-Ons (macmon TP, macmon Energy) are available in addition to the macmon Network Bundle.

macmon secure GmbH – the technology leader for your network security

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. In 2014 due to ripening market conditions macmon expanded its presence into the European Market, opening up an office in the UK. Interest and demand has been strong with growth of more than 25% year on year.

macmon has a broad diverse range of customers varying throughout all industries, capturing SMB's, medium sized enterprises through to large international corporations.

Our aspiration: Offering every company a flexible and efficient NAC solution. Which can be implemented with minimal effort, adding considerable surplus value for network security. macmon secure is a member of the Trusted Computing Group and actively involved in related research projects.

macmon NAC — smartly simple!

For more information on macmon Network Access Control:

Listen to the NAC audiobook or watch the macmon product videos on YouTube.



[Audiobook free download](#)



youtube.com/macmonsecure

How you can benefit from macmon

- ✓ Instant network overview
- ✓ Activation possible within 24 hours
- ✓ Simple, straight-forward daily administration
- ✓ AD integration & dynamic rule creation
- ✓ Hybrid authentication with and without 802.1X
- ✓ Intelligent guest management
- ✓ Integration with leading security products and protocols
- ✓ Network access control for mobile devices
- ✓ CC certified and Network equipment vendor agnostic

macmon[®]

macmon secure GmbH
Ashridge Manor
Forest Road, Wokingham
Berkshire, RG40 5RB
Phone: +44 845 860-5121
sales@macmon.eu
www.macmon.eu

Your Contact: