

Product: [macmon SwitchViewer](#) 



macmon SwitchViewer add-on for additional functions e.g. central network device login as of 50 nodes.

Product Description

Network management functions such as reading and providing the serial numbers of network devices for import or synchronization with existing CMDBs or asset management systems are possible.

Technical Specifications

Product description

Part Number:	BESVI-SUB
Node extension:	To increase the amount of supervised nodes a new license will be generated and the old license will be revoked.

Configuration features

Configuration functions:	Enables configuration and display of interface graphics and additional information. Central authentications of e.g. switch logins can be configured and performed. This is based on RADIUS and TACACS+.
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Diagnostics features

Alarm and event actions:	Alarm, configuration and event logging. Alarm and event actions such as email, SMS, syslog, SNMP trap, REST API calls, start scripts.
Event generation:	Network monitoring (polling), NAC enforcement (SNMP, etc.), NAC authentications (MAB, 802.1X, RADIUS in general), REST API calls (e.g. third party solutions), agent data, internal processes, guest portal.
Modules and components:	Additional readout methods and method capabilities. Graphical interface overview. Central network device login functionality.
Monitoring:	Enhancement of some readout methods (serial number, software version admin speed, VLAN mode). Displays a graphical interface overview. Enables authentication functionalities that are not NAC related (like switch login, VPN authentications, RADIUS health checks, ...).
Topology recognition:	Topology recognition is based on LLDP (Link Layer Discovery Protocol, IEEE802.1AB)

Software

Operating system:	Debian-based virtual Appliance provided with macmon NAC
Browser:	Microsoft Edge, Google Chrome, Mozilla Firefox

Hardware

Processor:	4 virtual CPU's (can be extended)
Hard disk space:	250 GB
RAM:	8 GB (can be extended to fit large network sizes)
Network:	Ethernet network with TCP/IP protocol stack. Supports multiple network cards. IPv4 support and the appliance supports IPv6.

SCADA /Process visualisation

ActiveX Control:	Web Graphical User Interface
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IIT.Protocols

Supported protocols:	SNMPv1, SNMPv2c, SNMPv3, RADIUS, Syslog, HTTPS, SSH, Telnet, ICMP, DNS, DHCP, WMI, IF-MAP, SMTP
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Language Support

Manual and help texts:	English, German
Menus and dialogs:	English, German

Scope of delivery and accessories

Scope of delivery:	Software download + Access to functionality under licensing model
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Further Instructions

Product Documentation:	Comes with the product download archive and is accessible in the help section of the macmon NAC GUI.
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History

Update and Revision:	Revision Number: 0.20 Revision Date: 04-02-2025
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Variants

Item #	Type
BESVI-SUB-000050	macmon SwitchViewer 50 to 149 nodes
BESVI-SUB-000150	macmon SwitchViewer 150 to 249 nodes
BESVI-SUB-000250	macmon SwitchViewer 250 to 399 nodes
BESVI-SUB-000400	macmon SwitchViewer 400 to 649 nodes
BESVI-SUB-000650	macmon SwitchViewer 650 to 849 nodes
BESVI-SUB-000850	macmon SwitchViewer 850 to 999 nodes
BESVI-SUB-001000	macmon SwitchViewer 1000 to 1999 nodes
BESVI-SUB-002000	macmon SwitchViewer 2000 to 3499 nodes
BESVI-SUB-003500	macmon SwitchViewer 3500 to 4999 nodes
BESVI-SUB-005000	macmon SwitchViewer 5000 to 9999 nodes
BESVI-SUB-010000	macmon SwitchViewer 10.000 to 19.999
BESVI-SUB-020000	macmon SwitchViewer 20.000 to 49.999
BESVI-SUB-050000	macmon SwitchViewer 50.000 to 99.999
BESVI-SUB-100000	macmon SwitchViewer from 100.000 nodes

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