



clavisMAC

MAC address management within SAP

Integration into your manufacturing process



Your company manufactures products with network adapters?



Your company manufactures products with network adapters? Use clavisMAC to automatically assign one or more MAC addresses to each single device in the production order. The solution integrates seamlessly into the SAP standard by storing the MAC addresses at an equipment class to your serial number. clavisMAC is "HANA ready".

Manage the acquired address spaces according to plant and material. Define warning levels so that you are notified in advance by e-mail that the MAC addresses are going to be exhausted. If necessary, intervene manually in the automated assignment.

With your own SAP cockpit you can also get an overview of the serial numbers and used MAC addresses recorded by clavisMAC. From here you jump directly to the different documents and master data, delete assignments or print labels and lists.



Benefits:

- **Complete implementation in SAP ERP and S/4HANA: clavisMAC integrates with the production process without the need for any external tools. That means no interfaces, no double or incorrect entries, no additional system maintenance, therefore reduced TCO.**
- **Extensive configuration options**
- **MAC address deriving logic with various parameters such as plant or material**
- **Assignment of one or more MAC addresses per serial number / device. However, an active serial number management is not a requirement for clavisMAC.**
- **Automatic and gapless assignment of MAC addresses**
- **Reuse of released addresses**
- **Manual deletion of MAC address assignments possible**
- **Two-stage warning system if the address space is soon exhausted**
- **Precise tracking**
- **Label printing; predefined and adjustable forms included**

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Settings

Prefix	Sequence	Profile	1.warn.[%]	1.warn.iss	2.warn.[%]	2.warn.iss	Pref. used	Lw.fr.addr	Curr.suff.	# Used	# free	Closed
00518A	1	PARENT	80	<input type="checkbox"/>	90	<input type="checkbox"/>	<input type="checkbox"/>		000002	2	0	<input type="checkbox"/>
00518B	1	PROFIL1	80	<input type="checkbox"/>	90	<input type="checkbox"/>	<input type="checkbox"/>		000000	0	0	<input type="checkbox"/>
00518C	1		80	<input type="checkbox"/>	90	<input type="checkbox"/>	<input type="checkbox"/>	0001A2	000430	417	655	<input type="checkbox"/>
00518D	1	PROF_NEU	90	<input type="checkbox"/>	99	<input type="checkbox"/>	<input type="checkbox"/>	000000	000003	3	0	<input type="checkbox"/>

Customize clavisMAC for your individual business requirements.



Cockpit

Order	Serial number	Material	Material description	Plant	Printed
<input type="checkbox"/>	000001000726	10007260000160	BLUETOOTH_01	Bluetooth adapter 01	1010 X
<input type="checkbox"/>	000001000726	10007260000161	BLUETOOTH_01	Bluetooth adapter 01	1010 X
<input type="checkbox"/>	000001000728	10007280000001	WLAN_01	WiFi module 01	1010
<input type="checkbox"/>	000001000729	10007290000002	WLAN_02	WiFi module 02	1010
<input type="checkbox"/>	000001000730	10007300000163	BLUETOOTH_01	Bluetooth adapter 01	1010
<input type="checkbox"/>	000001000732	10007320000005	BLUETOOTH_02	Bluetooth adapter 02	1010
<input type="checkbox"/>	000001000734	10007340000001	BLUETOOTH_03	Bluetooth adapter 03	1010
<input type="checkbox"/>	000001000735	10007350000003	WLAN_01	WiFi module 01	1010 X

Track and trace serial numbers and MAC addresses.

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Serial number with two assigned MAC addresses

Display Material Serial Number : Classification

Object

Equipment: 10000854

Class Type: 002

Equipment Class:

Assignments

Class	Description	Stan...	S...	Icon	Itm
<input type="checkbox"/> MAC_ADRESSE		<input type="checkbox"/>	1	✓	10

Entry: 1 / 1

Values for Class MAC_ADRESSE - Object 10000854

General

Characteristic Description	Value
<input type="checkbox"/> Production order number	1000726
<input type="checkbox"/> MAC address (Multivalent)	00:51:8C:00:00:13
<input type="checkbox"/>	00:51:8C:00:00:14

clavisMAC integrates seamlessly with standard SAP.



Have we aroused your interest?

Feel invited to arrange a free, non-binding presentation appointment with us!

Please do not hesitate to contact us: + 49 221 560 88 100 or info@clavis.biz

Further information can be found on our website: www.clavis.biz/en/clavisMAC

