

iSMA-B-MAC36PRO

Master Application Controller

iSMA-B-MAC36PRO Release Note 1.4

2025

NAME	DESCRIPTION
<p>iSMA-B-MAC36PRO Ver. 1.4</p> <p>Release date 02 December 2025</p>	<p>New supported Niagara versions:</p> <ul style="list-style-type: none">• Niagara 4.10.11.12;• Niagara 4.13.3.48;• Niagara 4.14.3.24;• Niagara 4.15.2.38; <p>New functionalities:</p> <ul style="list-style-type: none">• New iSMA OS64 v.153 supported in all listed versions;• Supports the new 4.10.11 cleandist;• Strengthened default network security configuration; <p>Supported iSMA OS64 functionalities:</p> <ul style="list-style-type: none">• New Device Management Webserver on port :5580;• Local IP access over USB2;• Built-in Wireguard VPN Client; <p>Fixed bugs:</p> <ul style="list-style-type: none">• MAC-4058 – Station fails to start after RTC capacitor discharge due to date mismatch; <p>Recommended platform version: Niagara 4.15.2 (current LTS)</p> <p>It is recommended to operate on the latest supported Niagara version for optimal performance and security. As of this release, the current Long Term Support (LTS) version is Niagara 4.15.2.</p> <p>For additional details or support, please refer to the updated documentation or contact our support at support@ismacontrolli.com</p>

NAME	DESCRIPTION
<p>iSMA-B-MAC36PRO Ver. 1.3</p> <p>Release date 28 Aug 2025</p>	<p>New supported Niagara versions:</p> <ul style="list-style-type: none">• support of the Niagara 4.15.1 <p>New Functionalities supported with Niagara 4.15:</p> <ul style="list-style-type: none">• New Device Management Webserver on port :5580• Local IP access over USB2• Built-in Wireguard VPN Client <p>Fixed bugs:</p> <ul style="list-style-type: none">• MAC-3758 - Enabled NTP service causes controller freeze due to log overflow• MAC-3448 - Factory reset doesn't restore the DHCP server to its factory settings• MAC-3454 - Unable to change network settings in TcplpService in station after factory reset• MAC-3458 - Factory reset doesn't restore IEEE 802.1X configuration to its factory settings <p>Known bugs:</p> <ul style="list-style-type: none">• Incorrect display of SVG images when in a PX view, a Label, BoundLabel or Picture widgets are linked to SVG file. Workaround is to install svgBatik-wb Niagara Module. <p>For additional details or support, please refer to the updated documentation or contact our support at support@ismacontrolli.com</p>

NAME	DESCRIPTION
<p>iSMA-B-MAC36PRO Ver. 1.2 Release date 23 January 2025</p>	<p>New supported Niagara versions:</p> <ul style="list-style-type: none"> • support of the Niagara 4.10.9 (U2); • support of the Niagara 4.14.0; <p>New Functionalities:</p> <ul style="list-style-type: none"> • Support for DHCP server (available in 4.14) • New Cleandist 3.3 supports all available Niagara version for MAC36PRO <p>MAC36PRO Support:</p> <ul style="list-style-type: none"> • iC Niagara Expansion Pack 4.10.9 • iC Niagara Expansion Pack 4.14 • iC Workbench 4.10.9.14 • iC Workbench 4.14 <p>Known Issues:</p> <ul style="list-style-type: none"> • MAC-3438 – Java exceptions in Application Director while using M-Bus driver in 4.14.0. Related with Tridium NCCB-68612 and NCCB-56160. • MAC-3452 – Station created in 4.14 Niagara using New Station wizard and NewControllerStation 1.7 template will no be supported in previous Niagara version (4.10 and below) due to TLS 1.3 requirement in Niagara 4.14. Related with Tridium NCCB-46969. <p>For additional details or support, please refer to the updated documentation or contact our support at support@ismacontrolli.com</p>

NAME	DESCRIPTION
<p>iSMA-B-MAC36PRO Ver. 1.1 Release date 23 July 2024</p>	<p>New supported Niagara versions:</p> <ul style="list-style-type: none"> • support of the Niagara 4.10.7 (U7); • support of the Niagara 4.13.2 (U2); <p>New Functionalities:</p> <ul style="list-style-type: none"> • Support for 802.1X (available in 4.13.2) • Advanced OS Log Reading from Niagara Workbench (available in 4.13.2) • Platform Diagnostic Servlet with OS debugging options (available in 4.13.2) • New Niagara 4.10.7 clean-dist file • New Niagara 4.10.7 Golden Image for iSMA-B-SD-PRO <p>MAC36PRO Support:</p> <ul style="list-style-type: none"> • iC Niagara Expansion Pack 4.10.7 • iC Niagara Expansion Pack 4.13.2 • iC Workbench 4.10.7.42 • iC Workbench 4.13.2 <p>Improvements:</p> <ul style="list-style-type: none"> • Accelerated OS Update • Increased User Space: Separation of OS partition from Niagara user partition. • Enhanced system stability and reliability with dual-copy of OS partition • Improved readability of partition names in Platform Administration • New Fail safe mechanism for the OS update <p>Other changes:</p> <ul style="list-style-type: none"> • Support for Niagara 4.10.6.18 will be limited. Upgrading to the latest golden image for iSMA-B-SD-PRO is recommended. Please refer to the iSMA-B-SD-PRO_Factory_State manual for guidance. <p>Fixed bugs: MAC-3229 – Corrected value transfer issue in resistance measurement for unconnected UI 9-16 inputs.</p> <p>Known Issues:</p> <ul style="list-style-type: none"> • Long upgrade time - Upgrading from 4.10.6 to 4.10.7 may take an extended period. It is advised to save the station configuration and reflash the iSMA-B-SD-PRO card using the new mac36pro-secureboot-imx8mp-var-dart_73.wic golden image. • Upgrade Limitations - Direct upgrade from 4.10.6 to 4.13.2 is not supported. An intermediate upgrade to 4.10.7, or new golden image reflash is required before proceeding to 4.13.2 or later versions. <p>For additional details or support, please refer to the updated documentation or contact our support at support@ismacontrolli.com</p>

NAME	DESCRIPTION
iSMA-B-MAC36PRO Ver. 1.0 Release date 24 Feb 2024	New Functionalities: <ul style="list-style-type: none">• First Release Niagara Versions Supported in This Installer: <ul style="list-style-type: none">• 4.10.6.18;