Technical note
MTL industrial security

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TSN700 Rev 2

CROUSE-HINDS
SERIES

MTL security appliance firmware upgrade

MTL Tofino™ 9211-ET

Release 02.2.00

• Purpose

This release note describes the firmware upgrade available for version 1.8.0 of the MTL Tofino 9211-ET hardware. This firmware upgrade is permanent and persists across factory resets of MTL Tofino 9211-ET security appliance.

• Impact

This package upgrade is a major upgrade. The upgrade process takes up to 5 minutes. Limit network traffic prior to running the upgrade, as the device can drop network traffic during the upgrade process.

• Upgrade Files

- appliance_config
- ARGON 100_to_v02.2.00.tar.sec

• Required Equipment

- MTL Tofino 9211-ET running version 1.8.0 firmware
- USB storage device (formatted as FAT32)
- Upgrade files

Note: The ACA22-USB storage device has been tested by MTL Tofino and is therefore recommended. For ordering ACA22-USB, see "Accessories" in the Installation Guide.

• Procedure: Upgrade via USB

Follow the steps below to upgrade MTL Tofino 9211-ET using a USB storage device.

- Copy the appliance_config and ARGON 100_to v02.2.00.tar.sec into the root directory of an empty USB storage device.
- Verify the MTL Tofino 9211-ET is powered on for at least 1 minute.
- Insert a USB storage device into one of the USB ports.
- Press and hold the "Config" button for 5 seconds.

<table>
<tr><td>⚠️
WARNING</td><td>**WARNING !**
Before upgrading the 9211-ET Tofino security appliance firmware, please ensure the 9511-TC Tofino Configurator software has been downloaded and successfully installed and that the CMP database has been successfully migrated and opened in the Tofino Configurator.**</td></tr>
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Note: The "Mode", "Event" and "Fault" LEDs begin to flash, in an upward sequence, to indicate Load.

- Wait for the flashing sequence to stop.
- Remove the USB storage device.
- Disconnect the power supply of MTL Tofino 9211-ET and reconnect to reboot the MTL Tofino 9211- ET.
- Reapply the configuration from the MTL Tofino Configurator software.

Note: Refer to Chapter 9 in the MTL Tofino Configurator 02.2.00 User Manual for detailed instructions.

• Verify the Upgrade

After the upgrade procedure you can find

${TOFINO_ID}_ARGON 100_to_v02_2_00.log **file on the USB storage device. Open this file using a text editor such as WordPad. The text editor displays 1 of the following messages:**

- Successful Update...Rebooting Device into 02.2.00 software, if the upgrade is successful.
- Update Failed...Reverting to original state, if the upgrade is unsuccessful.

**For migration from 9510-CMP Tofino Central Management Platform to Tofino Configurator (TC) please view the documents below on our website at http://www.mtl-inst.com/product/9202-ets_mtl_tofino_network_security_solution/

- MTL Tofino Configurator 02.2.00 Licensing Guide
- Section 14 'Converting CMP License to a TC License' on the 'MTL Tofino Configurator 2.2' manual

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