

**Product ID:** 7177

**Software Version:** 8.1.2

**Release Date:** May 21, 2019

## Overview:

This document describes the fixes implemented for this release. The previous version was 8.1.1 from February 8, 2019.

The 7794A software version included with this 7177 8.1.2 release is 4.016.

## As designed behavior functions:

- 1. ACORN-2292 Restriction using the same Sub\_ID on networked Subscriber Units** With Hybrid and MCT subscriber units, the Subscriber ID and IP Group ID is used to identify the connections on a MultiNet receiver.  
If more than one subscriber unit is configured with the same **\*SUB ID and IP Group ID\*** AND those subscriber units are configured with the same **\*Receiver IP\*** address (Primary or Backup server), then the connection to that Receiver IP will become erratic (its state will transition between "Available" to "Offline" every 30 seconds).  
Restriction; Each subscriber unit that is configured with the same receiver **\*IP Group ID\*** must have a unique **\*Sub ID\***
- 2. ACORN-2245 Access Point behavior on hybrid**  
Currently, the access point on Hybrid is left ON forever, and there is no way for the end user to change the default passwords to connect to the access point. **\*Customer has to change the WebGUI password on all the Hybrid, otherwise anyone can login, as Access point is on forever.**

## Improvements:

- 1. ACORN-2268 Added Support for TP-Link V3 WiFi adapter.**  
On version 8.1.1 we only had support for TP-Link V1 WiFi adapter. With this new version of 8.1.2, we now support TP-Link V3 WiFi adapter as well.
- 2. ACORN-2283 Report IP COMM FAULT locally when Hybrid is still connected to Ethernet**  
Fixed issue where Hybrid would not report IP COMM FAULT locally since it was still connected to the Ethernet Switch. MultiNet reports IP COMM FAULT to automation because it does not receive a Heartbeat from Hybrid. This was a known defect from 8.1.1.
- 3. ACORN-2295 Removed Repeating turn-off from WebGUI**  
Repeating feature is enabled (ON) by default, and cannot be changed.
- 4. ACORN-2329 Added ability to enable or disable end-to-end ALARM ACK for TAP messages**  
Added ability to enable or disable end-to-end ALARM ACK (kiss-off) for TAP messages via the GUI choice of: Accessories> Intellipro> RF/IP Tap Ack. If disabled, TAP messages from Intellipro, which contain alarm messages from the alarm panel, will kiss-off to the panel

immediately. If enabled, TAP messages are acknowledged after the message has been sent over RF/IP. After upgrade default setting will be set to “disabled” and TAP messages from Intellipro will be acknowledged immediately.

**5. ACORN-2337 Subscriber - Port 80 Forwarding to GUI**

Forwarding port 80 to Subscriber no longer results in internal browser error.

**New Features:**

**1. ACORN-2279 Added ability to download Tools log file**

Added new download option "Tool Files", adding the ability to download a .tar log file containing info for: alarm history, INET messages, RF traffic, and subscriber.log.

**2. ACORN-2299 Added new fault for RF SILENCE**

When Hybrid has no ASM fault, and it is also not receiving incoming RF packets, then this condition will be reported to MultiNet as RF Silence. This is similar to an RF Silence of an IPLink.

**Known Issues / Workarounds:**

1. **NOTE:** When connecting a Hybrid 8.1.2 unit to Wi-Fi, an IP address can be obtained via the GUI choice of: Configuration> Wifi Network Settings section. If an incorrect password (Passphrase field) is entered, the unit will still attempt to connect, but the GUI and LCD will show the message “Please wait...” indefinitely. The previous version of Hybrid 8.1.1 showed a message of “Not Connected”