Software Release Bulletin

Software Released: HotPort Platform, HotPoint Platform, FMC Software, and HotView Pro Version

Effective Date: April 16, 2013

Hardware Compatibility: This software and firmware is intended for use with HotPort mesh nodes (model series: 6000, 7000, and 7000-900), HotPoint AP (model series 5000) and the FMC 2000.

Software Compatibility: Firetide recommends that all similar products in a mesh are using the same firmware. The following table lists the firmware versions that are compatible with HotView 10.9.0.0:

Platform/Product	Firmware Version
7000	7.9(T).0.0
FMC-2000	7.9(T).0.0
7000-900	7.13(T).0.0
6000	4.13(T).0.0
Hotpoint 5000	5.53(T).0.0
HotView	10.9(T).0.0

Upgrade Matrix

The following matrix describes the upgrade path of firmware versions for the HotPort, FMC and HotPoint 5000 (Integrated mode):

#	PRODUCT (Model) and HotView Por	X Version	X-1 version	X-2 version	Upgrade Paths
1	7000	7.9(T).0.0	7.8(T).0.0	7.7(T).0.0	X-1 to X X-2 to X
2	FMC 2000	7.9(T).0.0	7.8(T).0.0	NA	X-1 to X
3	7000-900	7.13(T).0.0	7.12(T).0.0	7.11(T).0.0	X-1 to X X-2 to X
4	6000	4.13(T).0.0	4.13(T).0.0	4.12(T).0.0	X-1 to X X-2 to X
5	HotPoint 5000	5.53(T).0.0	NA	NA	X-1 to X X-2 to X
6	HotView Pro	10.9.0.0	10.8.0.0	10.7.0.0	NA

Notes

1. Upgrading 7000 nodes from 7.6.0.0 requires upgrading to an interim version of 7.6.1.1 prior to moving to the 7.8(T).0.0 release.

2. FMC 2000 Upgrade path from firmware 7.6.0.8 to 7.8(T).0.0 are as follows:

   a. Use HotView 10.6.0.8 to upgrade from 7.6.0.8 to 7.6.0.20. Once the FMC has been upgraded to 7.6.0.20, install and open HotView 10.8.0.0 and upgrade to 7.8(T).0.0.In summary: 7.6.0.8(bin) -> 7.6.20.0(bin) with/ 10.6.0.8, and 7.6.20.0(bin) -> 7.8.0.0(bin) with 10.8.0.0.
   b. If the intent is to install a bin2 version of the 7.8(T).0.0 firmware, then follow the same procedure as in "a" and then upgrade to 7.8(T).0.0.bin2. In Summary: 7.6.0.8(bin) -> 7.6.20.0(bin) with/ 10.6.0.8, and 7.6.20.0(bin) -> 7.8.0.0(bin) -> 7.8.0.0(bin2) with 10.8.0.0.

3. HotPoint 5000 Series AP is now compatible in integrated mode (while connected to a 7000 Series mesh node) and in Standalone mode (mesh node is not present). The current firmware and software release of the HotPoint 5000 is not compatible with any Firetide Wireless Controller (FWC).

The following matrix addresses the Standalone AP (without an FWC) and the associated HotView Pro:

#	PRODUCT (Model) and HotView	X Version	X-1 version	X-2 version	Upgrade Paths
1	HotPoint 5000	5.53(T).0.0	5.52.0.0	a)5.51.1.2 b)5.51(E)0.13 c)5.51(T).0.0	X-1 to X X-2 to X
2	HotView Pro	10.9.0.0	10.8.4.0	a)10.8.0.2 b)10.8.1.0, 10.7.0.0 C)10.8.1.0, 10.7.0.0,10.6.11.0	NA

Notes
1. Do not use HotView Pro or the web interface to upgrade from 5.51(T).0.0 or 5.51(E).0.13. Use an upgrade script to upgrade to either 5.52(T).0.0 or 5.53(T).0.0. There is a separate script to upgrade to the 5.52(T).0.0 release and/ or the 5.53(T).0.0 release. There is no problem using HotView or the web interface to upgrade from 5.52(T).0.0 to 5.53(T).0.0.
2. Only HotView 10.9.0.0 and AP firmware 5.53(T).0.0 will support a HotPoint 5000 Series AP in integrated mode. The other release versions—5.52(T).0.0, and 5.51.x.x can be used in Standalone mode with their specific HotView Pro versions, but not with an FWC.

New Features

- Prior to the 10.9.0.0 release of the HotView software, managing a 5000 Series AP from the HotView Pro Mesh tab with integrated mode enabled was not supported. Support for integrated mode while a 5000 Series AP is connected to a 7000 Series mesh node (not a 7000-900 or 6000 Series mesh node) is the new addition to this release.
- Alarms generated are sent via e-mail in intervals of 10 seconds. If within 10 seconds same alarm logs are generated, then those alarm logs will be aggregated in one e-mail.
- SNMP (v1, v2, v3) support for Hotpoint 5000, FMC 2000 through the HotView Pro Server.
- Added support for configuration of WPA-PSK on the HotPoint 5000 via the HTTP interface.
- HotView Pro 10.9.0.0 enhancements for Mesh:
  - Free word search in HV log and alarm management screens
  - Manual configuration of the HotView Pro Server default background image
  - Sending HotView logs to Syslog server
  - Memo/Sticky note feature for HotView Pro
  - Reflecting the background image from the HotView Pro server to the HotView client
  - Added support for saving HotView logs
  - Allow node configuration backup/restore functionality even when DFS is enabled (applicable for Japan County Code, only)
  - Addition of DFS support for the South Korea Country Code (410)
  - The maximum number of NGIs supported on a mesh is 30.

Bug Fixes

HotPort 7000 and 7000-900 Fixes

- Node reboot as a result of link flaps when using DFS channels on a 7000 Series mesh node.
- Frequent radio hangs/reboots in the DFS spectrum using 40MHz channels and the radio hang/reboot issue observed in the 7000 and 7000-900 Series mesh nodes.
- 7000 Series mesh node reboot while running extended duration of the spectrum analysis.

<u>HotView Fixes</u>

The following is a list of fixes in HotView Pro 10.9.0.0:

- Error on client session statistics on Hotpoint 5000
- Issues with event logging, Alarms on FMC
- Transmit power, frequency issues in the 4.9 GHz band
- Issues with import and apply of FMC configuration
- Issue in syncing configuration between a primary and a secondary FMC
- Issues with mobile node scanning in 40 MHz modes
- Manual override channels not included in mobile scan list.

Known Issues

- HotView Pro is unable to manage the expected number of nodes, even though the customer has the required number of management license for his network.
*Corrective Measure: Use HotView Pro **10.9.1.0**, instead of 10.9.0.0.*

- If Auto-MTU is configured with GWS redundancy enabled, the Auto-MTU settings may get erased in case of a GWS switchover to the standby unit.
Corrective Measure: Reconfigure Auto-MTU settings

- If database is enabled, loading Firetide Mobility Controller (FMC) simultaneously from two different HotView Pro clients is not supported.
Corrective Measure: None

- Mobility is not supported in channels where active scanning is not allowed by regulations.
Corrective Measure: Contact customer support for list of countries/channels that do not allow active scanning.

- Hybrid Trunk is not supported on a GWI node or any node configured with Ethernet Direct.
Corrective Measure: None

- 7000-900 node may reboot if ESSID is reconfigured.
Corrective Measure: None

- The statistics charting function is set to plot every 10 seconds. There is currently no adjustment to this plot duration.

- When Login based authentication is used, Authentication servers should be accessible from the management IP of the AP. (Example: Should be able to ping AP's management IP from authentication server).

For more information on any of the above, please contact customer support at support@firetide.com.