# Weather MicroServer Firmware
Version: MS_2.7.9973 [2019-03-06 11:25:45]

Release Date: March 3, 2019

## Weather MicroServer Security Enhancements

The latest Weather MicroServer firmware update version MS_2.7.9973 addresses five potential vulnerabilities that were identified through independent testing.

The National Cybersecurity and Communications Integration Center (NCCIS), a division of the US Department of Homeland Security, has issued an advisory reporting that the new version "addresses all the above vulnerabilities found on the Weather MicroServer." Also of note, "No known public exploits specifically target these vulnerabilities."

Network security enhancements:

1. Fixed a directory traversal vulnerability that potentially might have allowed an unauthorized user to gain access to device passwords.

2. Performed a pass through of all the user-entered text boxes in the Admin Web User Interface (UI). Disallowed unsupported characters that potentially could have allowed a hostile user to perform command injection or cross-site scripting.

3. Removed the url test functionality.

4. Removed Custom Screens upload feature from the user/admin area. Custom screens will now be configured at the factory prior to shipping.

5. Authentication is now required for all alternative control panel (tsgui) screens.

A firmware upgrade is available at no charge to all Weather MicroServer customers. For equipment purchased prior to September 2015, a hardware upgrade also may be required.

Please contact Columbia Weather Systems via phone (503-629-0887) or email support@columbiaweather.com.