

Release Notes for CP2 & CP4S Firmware 3.8.0

December 21, 2022

Change	What Is It?	Customer Benefits	Enablement Instructions
Thermal protection mode Improvement	CP2 or CP4S may exceed its operating temperatures when operating in hot environments. Thermal protection mode, or over-temperature protection, disables certain device functions to reduce heat generation.	Device protection and harmonization with other video telematics platforms (e.g., KP2)	Ensure warnings for Temperature are enabled within your device's configuration file. To review the relevant fields, see Info > Service > System Warning > Source and Server > Emergency Call in the configuration tools.
Thermal protection mode – raised threshold Improvement	Over temperature warning now has a higher temperature threshold. This allows devices to continue operations in severe conditions.	CP2 functions at higher temperatures safely	It's recommended that TSPs watch for "Temperature" values in the MoreInfo property present within SmartAPI DeviceNotification events
Frame rate options for event capture New Feature	CP2 and CP4S have new options for event frame rate selection, applicable to "Event" and "Continuous + Event" record modes	Greater customization of event image capture settings	Change this setting in Server > Main > Event Images of either device's configuration tool. Then, save your settings.ini file and push changes to your devices through the Workstation.
Enhanced Device Shutdown Logic Fix	Updated logic improves device response to power loss	Improved device power management	No action needed
System configuration initialization fix Fix	In previous CP2 & CP4S firmware, there were issues with device connections to SmartAPI. This has been resolved.	Improved initialization function	No action needed

Coordinating Releases:

- CP2 Configuration Tool 3.8.0.0, required for producing configuration files for CP2 3.8.0
- CP4S Configuration Tool 3.8.0.0, required for producing configuration files for CP4S 3.8.0

Support Contacts:

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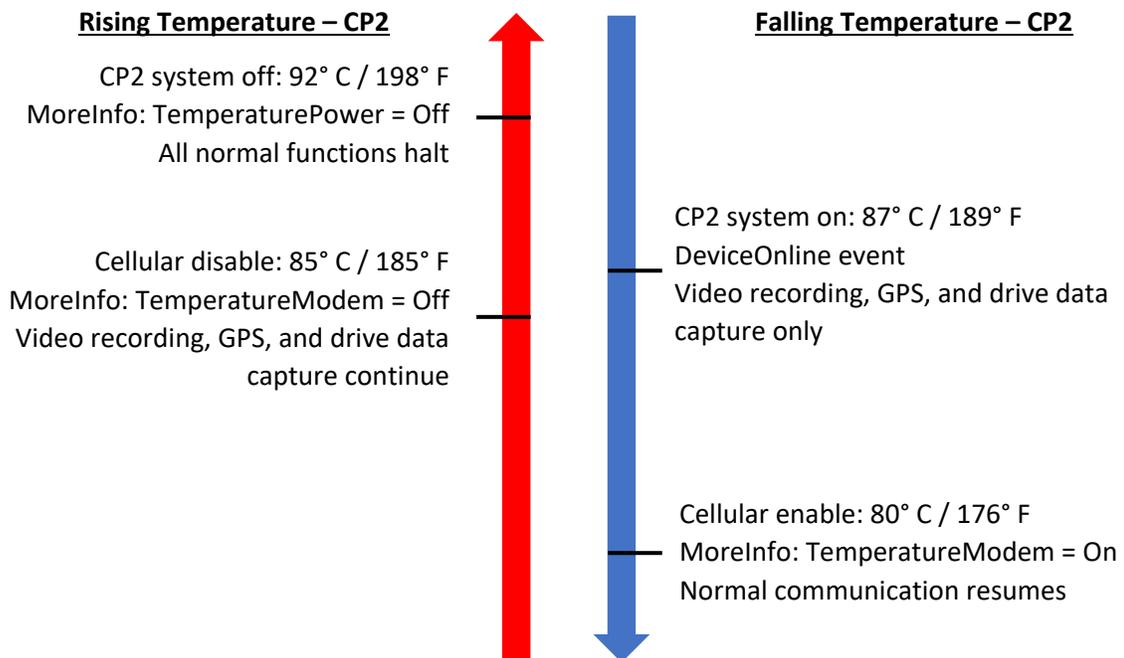
Frequently Asked Questions

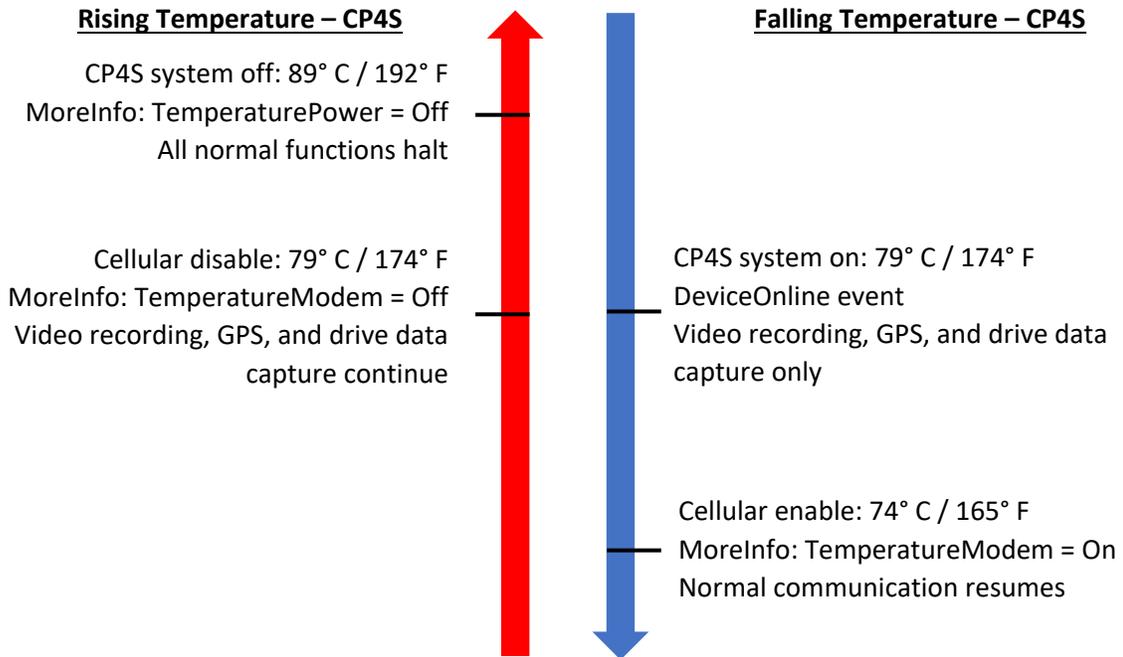
1. Are there any prerequisites for this update?

CP2 and CP4S firmware 3.8.0 may be installed on any such devices in the field. We recommend adopting this update. Ensure that drivers with devices currently on the road are notified before firmware update initiation.

2. How does thermal protection mode work?

Because CP2 and CP4S operation produces heat, thermal protection mode senses internal device temperature and disables internal functions to reduce heat generation. Temperature thresholds are structured to preserve video recording capabilities for as long as possible. SmartAPI transmits DeviceNotification messages with additional context in the MoreInfo property.





3. Do event capture settings like “Pre-Event” and “Post-Event” in the configuration tool (see Server > Event Images) matter if I use continuous recording (see Record > Video Data)?

No. “Continuous” record mode enablement means the device’s video recording setting supersedes other event frame rate settings.