# CASTLES MP200 BUILD 52

ESTIMATED UPGRADE DURATION: <5 MIN

## RELEASE NOTES

| Fixes | | |
|---|---|---|
| **Issue** | **Before Build 52** | **After Build 52** |
| **Battery Life Improvements- Enable Two Stage Sleep** | When MP200 is idle with the display illuminated (to assure connectivity), the battery life lasts an average of 6 hrs. | When MP200 is in stage 1 sleep (display dark, but still connected to Wi-Fi), the battery life lasts an average of 6.75 hrs. |
| **Slow Connection After Sleep or Reboot** | After wake from sleep or reboot, MP200 scans for additional networks, even if a previously connected network is detected. | After wake from sleep or reboot, connects to previous network automatically, speeding up the reconnection process. |
| **Duplicate networks appear on *Select Networks* screen.** | If Wi-Fi network has multiple access points, the same network name shows multiple times on the *Select Network* screen. | If Wi-Fi network has multiple access points, the MP200 only shows the network name once on the *Select Network* screen. If a network with multiple access points is selected, the MP200 will connect to the one with the strongest signal. |
| **Connects automatically to oldest available network after reboot.** | Automatically connects to the oldest available network after reboot, even when a more recent network is available. | Automatically connects to the most recent available network after reboot. |
| **Additional Features** | | |
| **Feature** | **Description** | |
| **Additional Symbols Added for Passwords** | Additional symbols are now available when entering the Wi-Fi password. Symbols are -- **< > [ ] ` ~ \| { }** | |
| **Display Device Name** | Once connected in the Device Manager, the Device Name will show at the top of the screen between the battery life indicator and Wi-Fi symbol. | |
| **Added Wi-Fi Strength Indicator** | Wi-Fi symbol in upper left corner of screen indicates the connection type, AND the Wi-Fi signal strength. | |
| **Enabled Large Update Support** | Terminal prompts that the terminal must be charging during update and will show the estimated duration of the update. | |
| **Enabled Unpaired Update Support** | Terminal can be updated over Wi-Fi without pairing to merchant account. | |
| **Other** | | |
| **Version Update** | **Fixes/Features** | |
| **Castles CTPay Version Updated to 20170823** | - Added support for Wi-Fi signal strength reporting. | |
| **Castles CTPay Version Updated to 20170721** | - Enhanced battery level reporting. | |
| **Castles CTPay Version Updated to 20170718** | - Fixed issue where device occasionally crashes when swiping certain cards.<br>- Improved chip auto-select AID support.<br>- Improved contactless auto-select AID support. | |