CopperCube 1.20 Build 1360 Release Notes

Contents

General Information

This document communicates important technical information associated with Release Build 1360 or later of CopperCube 1.20

Important: Please note the following essential items

Upgrade from previous versions

Version 1.06 devices

Version 1.06 devices will continue to require an Advanced RMA procedure to upgrade.

Version 1.11.1171 devices

Version 1.11.1171 firmware will require an upgrade to 1.11.1175 before upgrading to 1.20.1360. If updating using the Coppertree Analytics' update server from the Settings/Basic Settings page, it will automatically upgrade to 1.11.1175 and then 1.20.1360. **This is the recommended procedure for any CopperCube able to connect to the internet.**

If not able to perform the update server method, the USB method can be used but the upgrade must occur in a two-step process; upgrading using USB to build 1.11.1175 (or 1.11.1176), and then to 1.20.1360. Each will need to be copied to their own USB and user must take proper care to ensure that the correct order is followed otherwise the device may require RMA to correct.

Version 1.11.1175 devices

Version 1.11.1175 firmware can upgrade directly to 1.20.1360 using either the update server or USB method.

Important: Please note the following essential items

Database structure changes

Version 1.20 marks a significant difference in the internal database used by the product which was done to better bring the product in line with the way enteliWEB is expecting data. As such, prior back-ups from prior versions are not compatible with the new one. After upgrading from 1.11.1175, the device will convert the existing database to the new format without any user intervention required as a background task which continuing to retrieve data from the controllers, however the data will not be available until it has been ported over to the new database which depending on the size of the database may take several days to a week to accomplish.

System Requirements

Client Web Interface

The supported web browsers are:
- Chrome (Version 34 or higher) preferred
- Firefox (Version 25 or higher) preferred
- Internet Explorer (Version 10 or higher)

Screen Resolution
- CopperCube is designed to be viewed at a minimum screen resolution of 1280 x 1024

What's new in Build 1360

- Fixed: Repairs possible incorrectly set manufacturing data setting which affects the time on the CopperCube
- Fixed: Problem which may cause "Insufficient Privileges" error to occur when changing the user passwords
  - Note: does not fix issue if already present; contact support if device is already in that state
- Improvement: increased support for sending 3rd party objects to Kaizen
- Improvement: improved stability with upgrades by increasing the number of places where CopperCube could safely shutdown and restart

What's new in Build 1358

- Fixed: Segmentation Fault possible under certain circumstances
- Fixed: Login to Foreign IP fails if User Authentication in required
- Fixed: Archiver not processing descriptor notifications from BNServer
- Fixed: Auto-backup won't connect to USB drive if enabled previously and didn't mount properly

What's new in Build 1353

- Significant improvements to the web services between CopperCube and enteliWEB including:
  - Compatibility with all release versions of enteliWEB 2.2 for energy meters (requested as .Value or .Present_Value)
  - Reduce time for certain queries
  - Increased version compatibility for future versions of both products
  - Note: Requires patches to enteliWEB to
- Importing/migration of Historian data to CopperCube
- User interface workflow improvements
- Improvements to reliability of backup and restore of the database
  - Solves issue of USB not remounting after a reboot
- Improvements to Trend Log searching in Trend Log Data page
- Ability to change site names
- Increased diagnostics

Known Issues

The CopperCube package is release software. At present, the Chrome and Firefox browsers have the least issues with the Web Interface.

The following list describes the details of the known defects and any workarounds. Each issue is flagged as High, Medium or Low impact.

High Impact:

Web UI stops functioning when hard drive is close to capacity - Contact Coppertree Technical Support for assistance if this occurs

Password reverts back to factory default on upgrade from 1.11 - the password will revert back to the factory default of Username: "partner" and Password: the serial number of the CopperCube. If connecting remotely, ensure that you have access to the device's serial number before upgrading the unit.

Medium Impact:

Hard Drive space management - Disabling trend logs from archiving does not free up the space taken by that trend's data.   Before disabling, user can set the data pruning to minimum levels to minimize the impact.

Resend Historical data to SQL Connector is not functioning - enable SQL Connector before archiving any data on the CopperCube

Site names restricted to using the Standard ASCII character set - Extended ASCII character set (UTF-8) is unsupported due to restrictions in the interface between eWEB and CopperCube

Remember Me functionality for logging in not working - if required, use the password recall functionality built into the browser used

Low Impact:

Restore to Factory Default functionality removed - Disabling trend logs from archiving does not free up the space taken by that trend's data.

Changing logo file - Updating the Logo image file after an upgrade may require an additional restart before it will accept a new file.

Document Control

Revision	Changes
1	Created document to accompany build 1.20.1360