

Productivity^{3000™}

Software Overview

by Product Manager Jeff Payne
Part 3 of 4

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00:10.00 – Transfer Project from PC to USB Pen Drive

00:53.15 – Transfer Project from USB Pen Drive to P3-550 CPU

04:18.04 – Data Logger – Setup and Enable Data Logging

06:54.07 – Bit and Word Histogram



Transfer Project from PC to USB Pen Drive.

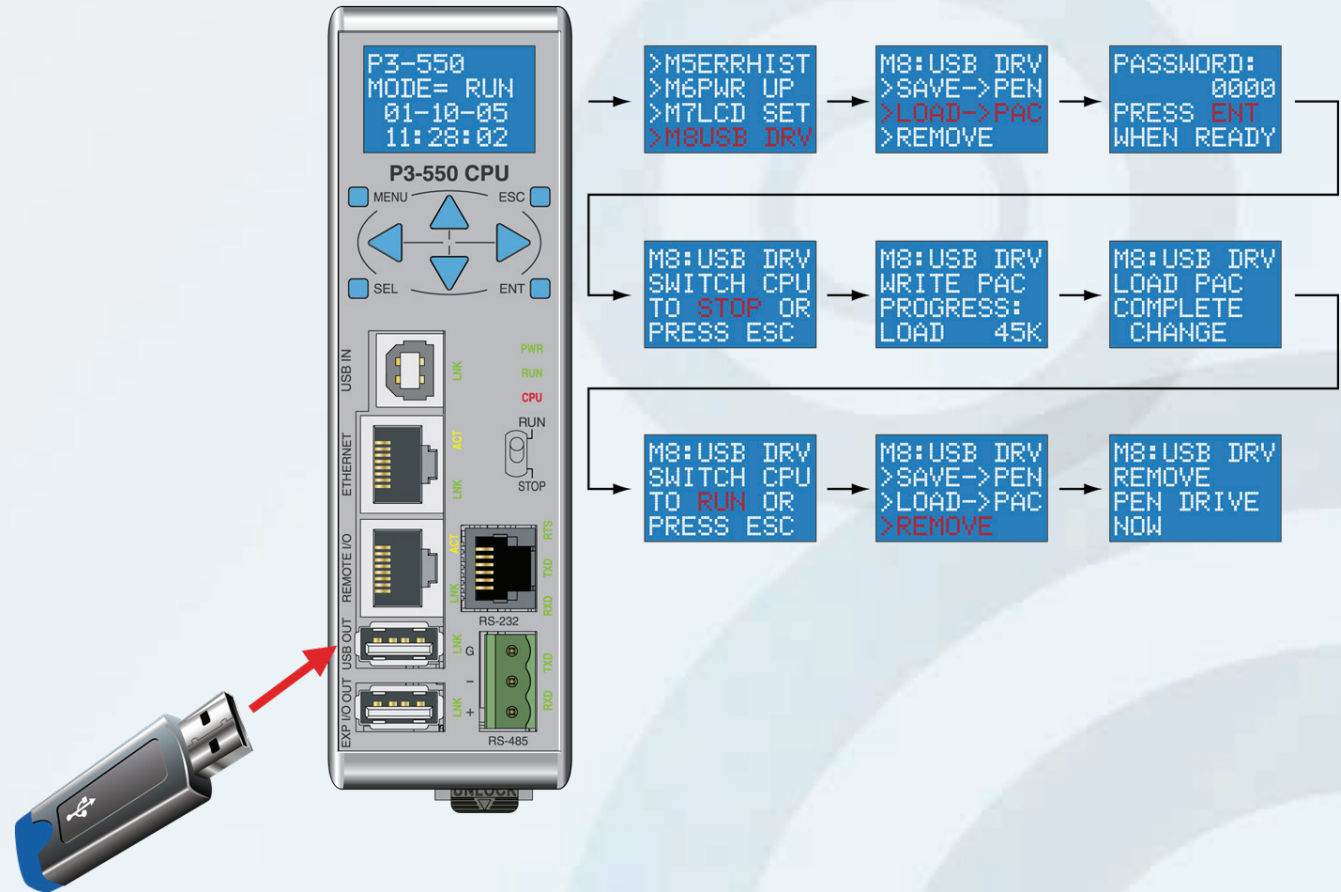
- Pull up ‘Transfer Project to USB Drive’ under the ‘File’ menu.
- Browse to a USB Pen Drive that has been plugged into the computer’s USB port.
- Click the ‘Transfer’ button when ready.
- It is suggested to have the ‘Create a P3-550 folder...’ checked in the ‘Transfer Project to USB Drive’ dialog box.

The screenshot shows the 'Productivity Suite Programming Software, Version 1.3.0 (13)' interface. The 'File' menu is open, and the 'Transfer Project' option is expanded, with 'To USB Drive...' highlighted. A red arrow points to this option. The main workspace displays a ladder logic diagram for 'Main Control' with rungs 1 through 10. Rung 1 contains a 'call Sine' instruction. Rung 3.1 contains a 'Fumace #1.Auto' instruction. Rung 4 contains an 'Always Off Bit' instruction. The right-hand side of the interface shows a 'Task Management' pane with a tree view of tasks including 'Main Control', 'Display', 'Toggle Output', 'Sine Wave', and 'Scale Amplitude'. The status bar at the bottom indicates the current project is 'PAC USB 2.0(AutoTalk...)' and is 'Saved'.



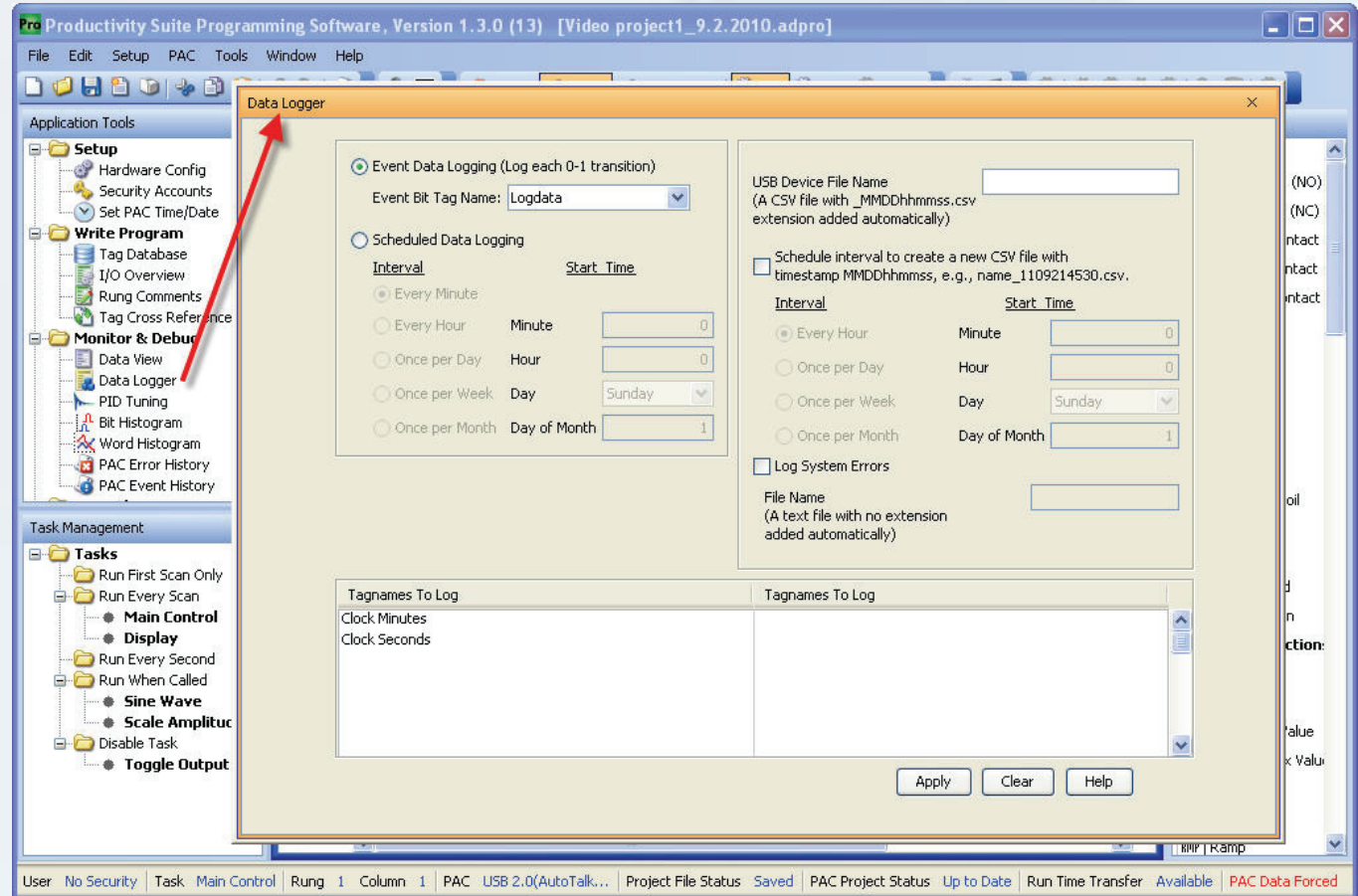
Transfer Project from USB Pen Drive to P3-550 CPU.

- Plug a USB Pen Drive with the saved project stored on it into the 'USB OUT' port on the P3-550 CPU.
- Press the 'MENU' button and scroll to M8:USB DRV.
- Highlight '>LOAD ->PAC' and press 'ENT'.
- Password '0000', press 'ENT'.
- Switch CPU to 'STOP' mode.
- Place CPU back to 'RUN' mode and remove Pen Drive.



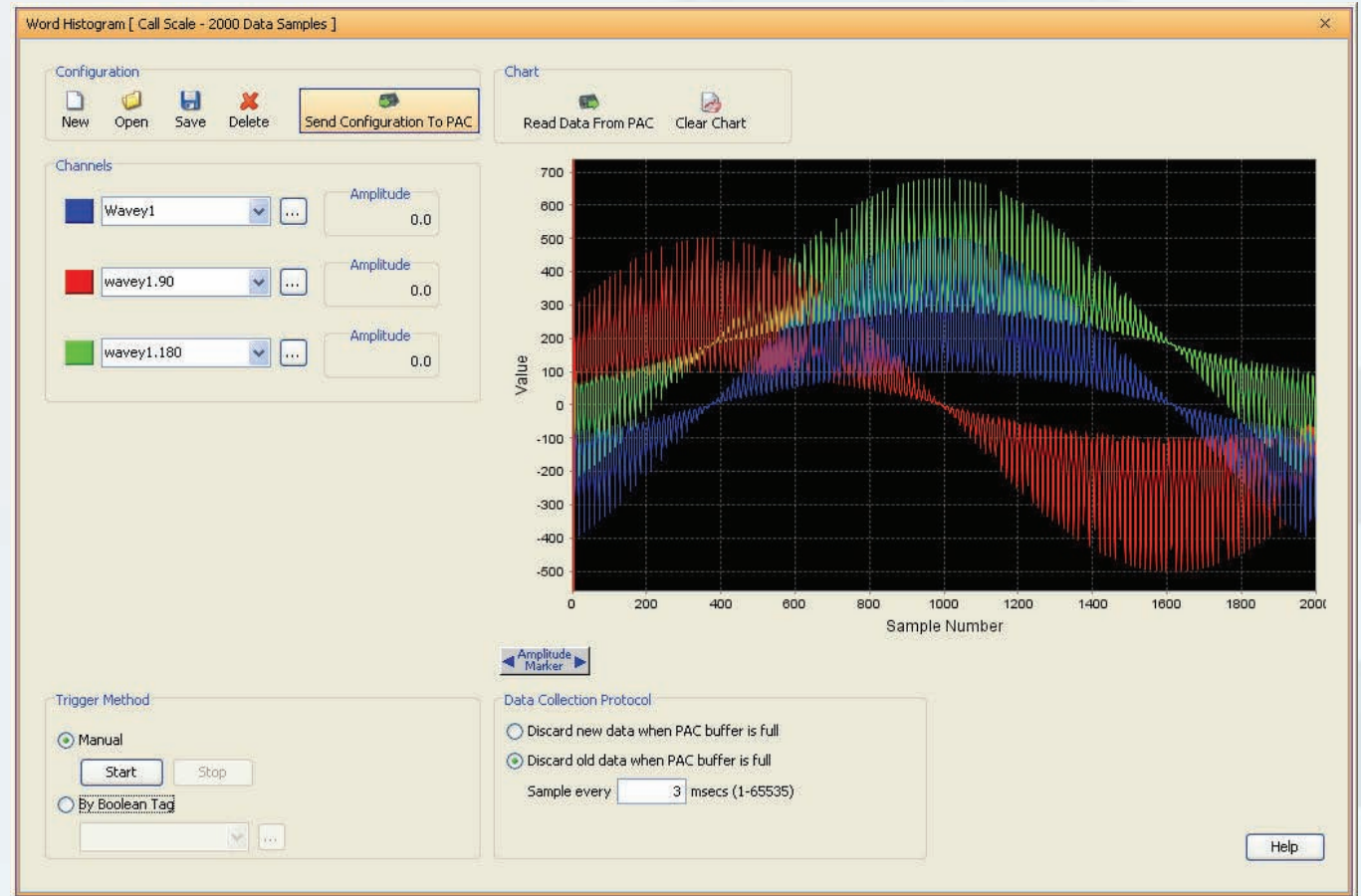
Data Logger – Setup and Enable Data Logging.

- Click on ‘Data Logger’ under the ‘Application Tools’ window.
- Use ‘Event Data Logging’ with a ‘Bit Tag Name’ called ‘Logdata’.
- Log the PAC’s ‘Clock Minutes’ and ‘Clock Seconds’.
- Use ‘Data View’ to toggle the ‘Logdata’ tag name to true to enable logging.



Bit and Word Histogram.

- Bit Histogram for Discrete signals – up to 6 Boolean tag names.
- Word Histogram for Integers – up to 6 channels.
- Can be used for troubleshooting.
- Chart Zoom Feature is very handy.



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