

Release Notes for PathPilot® v2.0.0

Release Date: November 6, 2017

Enhancements

All Machines

- **M01** breaks are added after tool changes to G-code files programmed in Conversational (PP-1277)
- A **USB** button is added to the **Admin Settings Backup** and **Admin Settings Restore** dialog boxes (PP-1462)
- Before attempting a software update, checks for enough free disk space (PP-1498)
- Conversational includes M01 break at the end of generated code (PP-1521)
- Add a button to the **Internet** light on the **Status** tab for more obvious network configuration (PP-1551)
- G-code window on the **Main** tab uses the same syntax highlighting as gedit (PP-1613)
Right-click in the G-code window to enable or disable.
- G-code window on the **Main** tab displays line numbers (PP-1614)
Right-click in the G-code window to enable or disable.
- Normalized limit switch setting, and provided warning if they are disabled (PP-1662)
The **Disable Home Switches** checkbox has been restructured — it is now an **Enable Limit Switches** checkbox.
- Add an **ADMIN MEMORY** MDI command (PP-1685)
- The override slider thumbnails are larger to make them easier to use with a touchscreen (PP-1701)
- Add tooltips to quickly see the full name for file and folder names that are shortened by an ellipsis on the **File** tab (PP-1702)
- Suppress warning dialog asking for an emergency stop prior to a software update if the machine status is already in an emergency stop (PP-1752)

RELEASE NOTES

- **Feedrate, Spindle RPM, and MAXVEL** override sliders feel sluggish while dragging thumb (PP-1758)
- Conversational Edit: M05, M09, and G30 commands are commented out between (mill) spot and drill operations (PP-1773)
- Apply patch for Wi-Fi WPA2 KRACK vulnerability (PP-1774)
- Implement a wait cursor during file copying operations for improved user feedback
- Add **ADMIN DROPBOX** MDI command and configuration tool

Mills

- Spindle **FWD** and **REV** buttons only function on the **Main** tab — like the **Cycle Start** functionality (PP-1624)
- On rectangular facing in Conversational, X and Y move first (PP-1695)

Lathe

- The **Tool** table size is increased from 26 entries to 99 entries (PP-1410)
- From the **Settings** tab, removed the **Keyboard Jogging Disable** check box (PP-1488)
- Make the lathe consistent with the mill in regards to G30 and the **Move in Z Only** checkbox on the **Settings** tab (PP-1705)
- Profiling is now supported in Conversational.

Fixed Issues

All Machines

- Shutdown screen: Instruction to power off computer is hard to read on some computers (PP-265)
- Configure gedit to show G-code syntax highlighting and display line numbers (PP-1219)
- Add detection and warning for attempting 2.x install on 1.x image (PP-1494)
- If a file name has spaces, the **ADMIN SETTINGS RESTORE** command does not work (PP-1520)

RELEASE NOTES

- Spindle **FWD** and **REV** should only function on the **Main** tab — like **Cycle Start** (PP-1554)
- exFAT formatted USB drives don't work well as targets for copy operations (PP-1583)
- Conversational Edit: Conversational generated file cannot be opened anymore by conversational code (PP-1594)
- G30 should check for reference before taking action (PP-1611)
- Reference offset increased from 0.010 to 0.025 to reduce chances of 'on limit error' when machine powers on (PP-1661)
- Logfiles: Double click **pathpilotlog.txt** tries to open it as a G-code program (PP-1672)
- Combo box of recently loaded G-code files offers files, even if they were deleted by the user (PP-1674)
- Warn on failures during copy or delete operations to **Status** tab, but keep going in multi-selection scenario (PP-1676)
- Conversational Edit: Adds multiple M01 commands when reconstituting a file with multiple steps (PP-1698)

Mills

- Probing: Probing buttons fail if axes soft limits are shortened through an **ADMIN SET_X_LIMIT** or **ADMIN SET_Y_LIMIT** command (PP-1199)
- Using 0 for depth of cut on thread milling conversational page and trying to post results in hung controller (PP-1683)
- 440 X+Y axis coasting after feedhold (PP-1694)
- Scanner: **Y Start** and **Y End** DRO field labels need to be swapped (PP-1763)