

## Task/Fix Color Legend

**BLUE** = Front End    **RED** = Back End    **PURPLE** = Front & Back End

## Pre-Release

March 14, 2024

Tasked with reviving this project and bringing the application into a working state.

## Program Updates To Implement

- Implemented pricing / customer tier / quantity discount formulas into quote report code.
- Made text that exceeds its bounding box easier to select on the design board.
- Added total price to the upper right corner of quote drawing pages.
- Implemented launch screen with new logo, log-in screen, and registration screen.
- Rewrote HTML for all system emails to be more informative and point to proper URLs.
- Adjusted the recipients for all system emails to go to the correct addresses.
- Added new connectors and their graphics to the app along with their pricing.
- Cleaned up all product descriptions to be consistent and better describe the product.
- Removed non-function export button from reports tab and replace with print button.

## Major Bugs To Resolve

- Fixed new user account details not sending to sales team by enabling the email on the backend and corrected the href value to be [SnapshotURL] instead of the actual URL.
- Fixed drawing fonts in reports not matching fonts in designer by changing report generated image format to .SVG vector with embedded fonts.
- Fixed connectors appearing invisible in reports by adjusting their incorrect bounding boxes.
- Fixed connectors appearing invisible in both designer and reports by adjusting how .SVG images are saved in art programs to not be responsive.
- Fixed coordinate adjustment being unusable by modifying the default width and height values to be 5 and 6 inches respectively.
- Redesigned all connectors, plates, and panels to be clean, web-friendly, and have correct sizing.
- Fixed generated .DWG files having incorrect origins and being offset.
- Fixed customer price tier being visible to users in their projects.
- Fixed project list columns having their code be visible in their headers.
- Fixed color picker to be more user-friendly and not bug out when clicking in the wrong area.
- Fixed rotating connectors causing their labels to rotate in the wrong direction.
- Rewrote rendering engine in reports to load drawings properly in downloaded .PDF files.
- Fixed broken notification for project invites not sending properly to new users.
- Mirrored Panel Spec 2.0 user accounts to Panel Spec 3.0

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## Post Launch Update 1

May 6, 2025

Program updates in reaction to user feedback after launch.

## Program Updates To Implement

- Added Arial Bold font to back end and make it the default font for all connector labels.
- Added user phone number and company name fields during account creation to help with ID.
- Adjusted quote report code to improve client information section to have more useful info.
- Fixed misaligned connectors in generated .DWG files when loading them into AutoCAD.
- Adjusted pricing formula code to include quantity discounts at 10-24, 25-49, and 50-100.
- Removed connector gender from user settable controls in duplicate dialog.
- Added clearance values for all connectors to prevent incorrectly placed connectors.
- Modified loading method of report images to be sequential instead of in bulk to ensure all images load properly.
- Enabled View .DWGs for all users by default instead of select users.
- Enabled user email addresses to be modified by admin accounts in the event of lockout.
- Remove all unneeded setting to increment options from duplicate dialog box except for Main Label option.
- Enabled admin accounts to give admin privileges to another user's project to about lockout.
- Disabled new sign ups for Panel Spec 2.0.
- Fixed connectors cloning themselves when being dragged while their labels were highlighted by preventing text from being highlighted entirely in the design canvas.

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## Post Launch Update 2

August 8, 2025

More program updates in reaction to user feedback after launch.

## Program Updates To Implement

- Fixed connectors in older projects prior to visual upgrade appearing invisible by forcing through a backend .SVG file update to all projects.
- Implemented an alert system into quote reports that notifies users that drawings with more than one plate or panel will not be accepted. This was done to avoid conflicts with the engineering team's workflow, and to speed up production.
- Implemented a conditional status message within quotes that checks if a QT number is generic or finalized and makes it obvious to the user. This was done to prevent users from submitting quotes for production that have unfinalized quote numbers.
- Converted the the drawing tab section to one line max and made it to be scrollable from side to side to avoid compressed design spaces in projects with extremely large amounts of drawings.

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## Post Launch Update 3

November 24, 2025

More program updates in reaction to user feedback after launch.

## Program Updates To Implement

- Added inner clearance measurements to every plate and panel according to their specs.
- Adjusted math for reports to prevent blank drawings from throwing an error message.
- Improved internal project and snapshot navigation and search functionality for admin users via back end server migration.
- Implemented a fix to force reset the structure of the designer product hierarchy upon loading into the design space to prevent perpetually expanded hierarchies.
- Implemented a fix to prevent the description product search box from moving to the end of the list of product columns essentially hiding it. The fix forces it to stay at the front of the list.
- Fixed connector label Y-Offset box not being able to be zeroed out.
- Adjusted duplication and undo/redo button logic to process steps sequentially instead of in parallel to prevent the undo/redo buttons from occasionally deleting large amounts of connectors and work.