

# Pre-Release Notes

Version 4.1.0 Hotfix.1 - September 24, 2024

## General Information

This is a **minor** software revision, moving from **SPOT 4.1.0 Pre-Release.1** to **SPOT 4.1.0 Pre-Release.1 Hotfix.1**. This revision is primarily being released now as **Change 1** listed below has a significant impact when comparing simulation results to experiment results.

## Changes

- **Change 1:** The clock from the PhaseSpace, which has been determined to be inconsistent, has been replaced by the internal Simulink clock. The software has been adjusted to ensure the platforms still synchronize correctly. This change has resulted in a significant improvement when comparing experiment results to simulation results.
- **Change 2:** A dropdown menu has been added that allows users to change the IP address, name, and password for any platform. In this way, if the IP addresses are changed, the information is not hard coded into the GUI.
- **Change 3:** Alongside the menu option, all hard coded instances of SSH connection information has been changed in the GUI back-end.
- **Change 4:** A menu option to see About information has been added to the File menu - this simply provides information about software license, authors, contributors, and current software version.
- **Change 5:** Fixed an issue where the live feed would freeze up after stopping an experiment.
- **Change 6:** Fixed an issue where the platforms in live view would not display correctly.
- **Change 7:** Enabled the option to show the docking code/dock and solar panels in live view. Overlaying simulation is still in progress.