Unzip the contents of the attached file (SW\_Verification\_Simulator.zip) into a working/test directory.

Using the contents of the attached zip file execute the following steps…

Steps to generate warning during application start

1. Close *ViCellBLU\_UI* application, if already running.
2. Create a backup copy of *HawkeyeStatic.einfo* file available in folder *\Instrument\Config*
3. Copy the attached file *HawkeyeStatic\_GenerateWarning.einfo* into folder *\Instrument\Config*
4. Rename the file from *HawkeyeStatic\_GenerateWarning.einfo* to *HawkeyeStatic.einfo*
5. Start the application
6. This should generate the following warning in the Message Hub:
   1. [Warning] Instrument – Storage – Configuration (Static): Read error

Steps to generate error during application start

1. Close *ViCellBLU\_UI* application, if already running.
2. Create a backup copy of *CalibrationHistory.einfo* file available in folder *\Instrument\Config*
3. Copy the attached file *CalibrationHistory\_GenerateError.einfo* into folder *\Instrument\Config*
4. Rename the file from *CalibrationHistory\_GenerateError.einfo* to *CalibrationHistory.einfo*
5. Start the application
6. This should generate the following error in the Message Hub:
   1. [Error] Instrument – Precondition – Sizing configuration: Not met
7. This should generate the following error in the Message Hub:
   1. [Error] Instrument – Precondition – Concentration configuration: Not met
8. This should generate the following warning in the Message Hub:
   1. [Warning] Instrument – Storage – Configuration (Static): Read error

Restore the backup copy of *HawkeyeStatic.einfo* in *\Instrument\Config*.

Steps to launch application with faulty reagent.  This consists of three separate tests.

1. Close *ViCellBLU\_UI.exe* if already running.
2. Create a backup copy of *HawkeyeStatic.einfo* file available in folder *\Instrument\Config*
3. Copy the attached file *HawkeyeStatic\_TestReagent.einfo* into folder *\Instrument\Config*
4. Rename the file from *HawkeyeStatic\_ TestReagent.einfo* to *HawkeyeStatic.einfo*.
5. To test reagent \***empty**\* test case:
6. Create a backup copy of file *C06019\_ViCell\_BLU\_Reagent\_Pak.bin* in *\Instrument\Software*
7. Copy file *C06019\_ViCell\_BLU\_Reagent\_Pak - empty.bin* into *\Instrument\Software*
8. Rename *C06019\_ViCell\_BLU\_Reagent\_Pak - empty.bin* to *C06019\_ViCell\_BLU\_Reagent\_Pak.bin*
9. Reagent pack icon should show zero reagents.
10. Start the application.
11. To test reagent \***expired**\* test case:
12. Copy file *C06019\_ViCell\_BLU\_Reagent\_Pak - expired.bin* into *\Instrument\Software*
13. Rename *C06019\_ViCell\_BLU\_Reagent\_Pak - expired.bin* to *C06019\_ViCell\_BLU\_Reagent\_Pak.bin*
14. Reagent pack icon should be RED with an X in it.
15. Start the application.
16. This should generate the following warning in the Message Hub:
17. Warning] Reagents – Reagent pack – Main bay: Expired
18. To test reagent \***out-of-service**\* test case:
19. Copy file *C06019\_ViCell\_BLU\_Reagent\_Pak - outofservice.bin* into *\Instrument\Software*
20. Rename *C06019\_ViCell\_BLU\_Reagent\_Pak - outofservice.bin* to *C06019\_ViCell\_BLU\_Reagent\_Pak.bin*
21. Start the application.
22. This should generate the following warning in the Message Hub:
23. Warning] Reagents – Reagent pack – Main bay: Expired

Restore the backup copy of *C06019\_ViCell\_BLU\_Reagent\_Pak.bin* in *\Instrument\Config*.

Restore the backup copy of *HawkeyeStatic.einfo* in *\Instrument\Config*.