

AGCC 4.1.2 Release Notes

(For research use only. Not for use in diagnostic procedures.)

The following release notes provide information on GeneChip Command Console Software (AGCC) v4.1.2. The release notes provide information about AGCC 4.1.2 changes and updates.

AGCC 4.1.2 includes the following changes/updates:

1. AGCC 4.1.2 is a software release that encompasses AGCC 4.0, AGCC 4.1, and AGCC 4.0.1 into one full release and includes functionality to process Axiom 384-format plates and addresses issues observed on multi-channel and single channel instruments.
2. AGCC 4.1.2 is a full installer package, and can be installed on a clean system with Windows 7 SP1 x64, or Windows XP SP3 x86. It can also be upgraded from any of the following previous versions of AGCC: AGCC 3.2.4, AGCC 4.0, AGCC 4.0.1, AGCC 4.1 or AGCC 4.1.1.
3. AGCC 4.1.2 addresses an issue on the GeneTitan Single Color system where scanning plates produced unexpected errors in the autofocus step.
4. AGCC 4.1.2 addresses an issue on the GeneTitan SingleColor system where it produced blurred images on the initial pegs in a scan.
5. AGCC 4.1.2 includes improved gridding algorithm applicable to the Axiom Divide by format arrays
6. All GeneTitan MC instruments that are being upgraded to process Axiom 384-format plates would use AGCC 4.1.2.

Installation/Upgrades

1. Upgrading to the AGCC 4.1.2 installation requires AGCC 3.2.4 or higher to already be installed on Windows XP 32-bit systems (T5500 workstation) or Windows 7 64-bit systems (T5600 workstation).
2. AGCC 4.1.2 is compatible with Internet Explorer 9.0 or higher and Firefox 19 or higher on Windows 7 64-bit systems. AGCC 4.1.2 is validated with McAfee Antivirus software.

Known issues in AGCC 4.1.2:

1. "If you log into the system and open the web portal under multiple user accounts, you may see a warning message indicating that Internet Explorer 11 is not a recommended browser.

This message can be cleared by adding the localhost website (the AGCC web portal) to the compatibility view list, by opening the Tools menu (click gear icon at upper right corner, or type ALT-X), click Compatibility View Settings, and then adding localhost to the list using the 'add' button."
2. When running plates in Ultra High Throughput (UHT) mode on a GeneTitan Multi-channel instrument, there is a known issue when a workflow is aborted. This only occurs if there is an active scan and the concurrent Wash-Scan workflow is aborted after the completion of its wash stage while waiting to be scanned. If the plate is aborted at this time, a new Wash-Scan workflow started immediately afterwards will not proceed until the first plate has completed scanning. This can result in a delay of possibly to 1-2 hours.
3. During a plate load/unload on a GeneTitan running Windows 7 64-bit operating system, the processing of the load/unload can pause for a moment, where the application appears to have locked up. The workaround is to wait for the system to load/unload the plate.
4. Microsoft Excel flags batch registration templates as potential malware.
If a user uses Microsoft Office 2007 or Office 2010 without the current updates and downloads a batch registration template and then applies the updates, a warning on a potential security/malware issue is shown when opening Excel. This is an issue with Microsoft application after the updates are applied. Ignore the warning and continue with Excel.

5. When copying the Workflow review, sometimes not all the rows get into Excel. This could be attributed to environment (memory) or clipboard limitation. Try copying less information in the Workflow review and then export to Excel.
6. When running the fluidics protocols on a GCS3000, the status of a specific protocol module will sometime not refresh automatically. To refresh the status view the fluidics on the master tab.
7. Google Chrome is not supported.

Known issues from previous versions of AGCC that have not been addressed:

AGCC Installer

1. When uninstalling AGCC, the Scheduled Task is not removed. Delete the scheduled task manually when uninstalling.

GeneTitan Instrument control

2. When creating JPG using multi-color DAT file, the memory usage does not get released if user launches subsequent image viewer while the JPG is being generated. Do not launch another viewer while the JPG is being generated.
3. In the GeneTitan ARR files, the CreatedDateTime stamp indicates the UNC time and whereas the hybridization start and end time is the local time (e.g. PST or EST).
4. When scanning an array if the C:\ drive runs out of free disk space, an error message "Failed to write the output CEL file. Corrective actions are to verify that the folder exists and there are read/write permissions on the output device. Code 16" will occur.

GCS 3000 Instrument control

5. Users are not prompted to choose the probe array type when performing a drop and scan where there are multiple design types. The workaround is to pre-register when performing a drop and scan on these types of arrays.
6. SCSI drive with poor write performance may result in an error during scan.
7. HT arrays appear on the list when scanning cartridge arrays in manual mode. HT arrays should not be registered on a GCS3000 instrument control workstation.
8. AGCC scanner does not report error when an array fails to eject in after scanning.

Fluidics Station

9. When running any fluidics protocol in an English UK regional setting, the date format will still be displayed in US English format.
10. Occasionally the Fluidics Control fails to launch with an error message ""The application failed to start because FS450ScriptInformation.dll was not found." If this error occurs, uninstall and reinstall AGCC.
11. Fluidics information entries such as Stage, Time Cycle, etc. will be blank on non-English instrument workstation.

AGCC Viewer

12. Clicking on Default does not reset the Min Intensity & Max Intensity values to default when both values are set to zero. To get the values set back to the default, change the contrast from the dialog or from the toolbar and reset by clicking the Default button.

AGCC Portal

13. When registering a Sample Prep Plate, having an apostrophe in the sample name will result in a registration error, "Syntax error in the expression." Do not use the apostrophe in the sample name.
14. An error "not valid number" will occur when attempting to save a template attribute using comma as a number separator. Do not use comma separator in numeric data value.
15. When performing Batch Edit, changing the value of a user attribute will result in an error.
16. When batch editing a template that has a date field in UK regional settings, user will get an error "Error parsing mm/dd/yyyy as a Date type." Adjust the date values to use the date format in the machine locale, or alternatively, reset the machine locale to use the US-English date format.
17. When batch editing, the edited values for required attribute sample name remain unchanged. To change this, Delete the "required" tag from the user attribute headers in the batch edit excel file.
18. When uploading a file that has the same filename as the file on the destination, the name of the second file uploaded will be incremented at the destination location and no error is reported. For example, if the destination location has a file, test.DAT and user tries to move another file with the same name, the second file will be named as test_2.DAT.
19. When copying a project, only ARR, AUDIT, DAT, CEL, and CHP are available. JPG and RPT (and all other non-Affy file type) files are not part of the option. Users will have to manually copy these files to the destination location.
20. AGCC scan fails without notification when data root is full.
21. Audit file is missing when importing data from a network drive. Move the data to a local drive prior to importing.
22. When changing the probe array type of an array, regenerating CEL file will differ than the original file.

AGCC Registration

23. In Batch Registration, any subsequent sample preceded by a sample that had been previously registered will not be registered. Remove any previously registered samples in batch registration.
24. For cartridge batch registration, the probe array type must be specified even if the array barcode is provided.
25. During batch registration process, AGCC is not reporting error for Sample file names or Array names that have invalid characters (<>*?/\|:), however an error is reported when these files are viewed in the WebUI. These (<>*?/\|:) characters should not be used in Sample file names or Array names.
26. Uploading GeneTitan Registration to a system with different locale will cause the format to display incorrectly. Do not mix locale.
27. When registering a sample with a template that contains attribute of Date type, entering a value with one decimal of Number type (e.g. 4.1) will automatically be converted to date type (i.e. 4/1/08).
28. When registering HT sample that contains invalid data, the error message "All errors must be corrected before registering the plate". The message is unclear and the user will need to make sure that they have all the files needed for registration.

Array Searching

29. On the Advanced Search by date feature, users can only change the date month by month to a specific date. There is not a way to enter a specific date in this release.