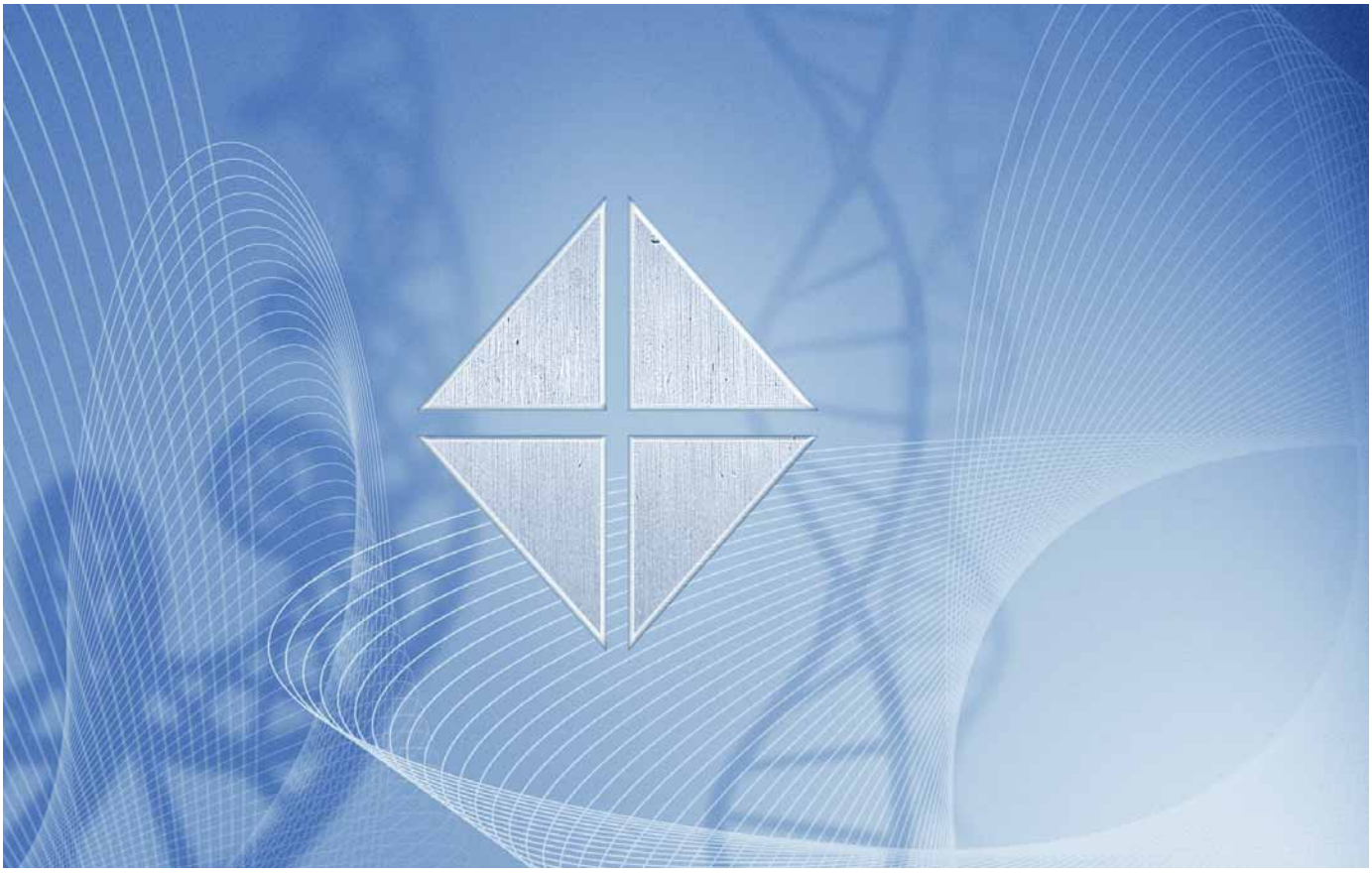
GE Healthcare

UNICORN 5.2 vs 5.11

Software Change Description



UNICORN

Software change description: UNICORN 5.2 vs 5.11

Introduction

This document describes the changes implemented in UNICORN™ 5.2 compared to the previous version 5.11.

Note: Reference numbers are noted for each change. These numbers are used by GE Healthcare staff if additional information is requested concerning the change.

UNICORN 5.2 has been verified for the following operative systems:

- Windows™ XP SP3
- Windows Vista™ Business 32-bit EN SP1

Note: For installation in a Windows Vista environment, the AB edition (or later editions) of the UNICORN 5.2 software shall be used.

UNICORN 5.2 has been verified for use with the following controller units:

- CU-950
- CU-960

User documentation

The user documentation for UNICORN 5.1 is also valid for UNICORN 5.2. The documents are Getting Started with UNICORN 5.1, UNICORN 5.1 User Reference Manual and UNICORN 5.1 Administration and Technical Manual. Different versions are available for specific applications, for example BioProcess™ or Oligo synthesis.

New items

Security and audit items

- Function added to enable notification by E-mail when unauthorized use of a password is detected. 382953499-R625
- If signature acknowledgement of a message, question or manual instruction fails due to the use of an incorrect password an entry will be added to the global audit trail and a notification E-mail will be sent. 387170437-R625
- Manual commands during a method run can now be signed electronically. 383628210-R625
- Logbook entries will now show who is in control of the system during a method run. 387075130-R625

OPC functions

- The OPC server is now able to support virtual output. 385354883-R625

- The OPC server is now able to retrieve the ID of the user in control of a system and the current batch ID from a running method. 385264148-R625
- Warnings and alarms emerging from the valve check block are now handled correctly by the OPC Server. 396929096-R625

ÄKTAxpress

- An ÄKTAxpress™ system setup may now be changed. 381033068-R625

Updated or improved functions

Security and audit items

- Audit trail entries are now accurate when data is recovered from CU-950/CU-960. 256639548-A264
- The correct path is now used when verifying access rights. 256733837-M245
- Users with access only to the Evaluation module can now log on and access the module without problems. 317533762-M264
- Audit trails will now filter out response errors from excluded components. 334467145-N152
- Audit trails will not include entries for changes that have not been performed. 343272560-P452
- Previously, when a user account was disabled after too many logon errors, the user was only allowed a single logon attempt after the account was re-enabled by the system administrator. This is now corrected and three attempts are allowed. 319691187-R625

UNICORN Manager

- The countdown timer bar function in the UNICORN Manager module has been adjusted to properly display the time. 366684252-R625
- Printer selection in the UNICORN Manager will not cause the module to terminate. 379582530-R625
- The Access Group selection “Tune” has been removed from the User Setup. 384922223-R625
- Data in disabled entry fields of the User Setup (Advanced edit) will no longer be validated in error. 246336434-M450

Method Editor

- Long column names will not cause a problem when a column is imported to the column list. 290489163-M264
- The number of decimals for pressure values in the Column list is now presented properly. 335408366-R625

- The Method Editor will not terminate if a method with an invalid message instruction is used. 344311770-M264
- Problems with method queue start times between 12:00 and 12:59 AM and PM have been corrected. 350637029-R625
- The values for variables connected to pause instruction break points may now be updated without causing method errors. 380000170-R625
- Previous versions allowed the creation of a too long, invalid method by pasting extra blocks into the method. This is no longer possible. 318314540-C340
- When using the instruction New_Chromatogram to create several chromatograms with the same name, only the curves from the first chromatogram were available for evaluation instructions. All curve data for the subsequent chromatograms with the same name was lost. This is now corrected. 322391048-T453

System Control

- The UNICORN applications will continue to respond if the server connection fails during the end of a method run. 247049328-F622
- A Method Queue may now be started without disturbing the creation of results from a scouting run. 280986816-L536
- The pressure unit may now be changed without causing errors in the displayed minimum, maximum and average values of the pressure curve. 313655321-R625
- When pausing a manual run all curve activity, including expand curve(s), will now be set to pause. 321938582-O264
- Digital signatures of questions at method start will now include date and time. 382440871-R625
- Digital signatures of messages during a method run will now include date and time. 383041332-R625
- The process picture has been improved to solve rare problems at the end of method or manual runs where the system state was not reflected correctly. The process picture now shows the correct state for all components at the end of the run. 389083387-L536

Evaluation

- The result files will now be numbered correctly when a scouting method is run. 246343947-L545
- The function to adjust retention zero to the injection point will now apply also to printed reports. 247465988-E453
- Result files containing only a single fraction mark may now be used with the Pool Fraction function. 256459010-A264
- Any available folder may now be selected as the target folder for an export from the Multifile Peak Compare Wizard. 262142405-T453

- Baseline editing can now be performed on calculated baselines on any peak integrated curve without causing the edited baseline to refer to curve number 01 instead of the curve selected for peak integration. 292484328-T453
- PDF files can now be created from UNICORN and saved in any accessible folder without disturbing the operation of the UNICORN application. 292819756-T453
- The Evaluation module will still respond if a pooled fraction curve is overwriting a fraction curve that has been used to create a pool table, which is then added to a pooling protocol. 322542121-T453
- The Cut Curves function can now be applied to fraction, logbook and injection curves. 329814444-T453
- Curve names longer than 127 characters (including number, result file and chromatogram names) will no longer cause the Evaluation module to terminate. 330251168-T453
- Files can no longer be deleted from the Copy to External dialog. 331451187-N152
- Fraction instruction variable values will now be shown correctly in evaluation reports. 352274566-N152
- The chromatogram header information is now handled properly when the function Open Chromatograms to Compare is used. 379595401-T453
- Snapshots can be printed from other chromatograms than the first chromatogram. 381206173-T453
- The highest value of the index number that is added as an appendix to the name of a result file each time result data with the file name is added has been increased from 20 to 100. 383106506-T453
- Methods containing questions, that are exported from a result file, will no longer include the answers in the exported method. 388460807-R625
- The subscript characters in the V_0/V_t field of the Integrate dialog are now visible at all times. 385028925-T453

Oligo

- Oligo synthesis data with many characters will no longer cause the Evaluation module to close during printing. 297664377-P352

ÄKTAxpress

- The method wizard has been improved in order to perform faster. 387941111-R625

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