

Snapshot-XPS-D_N13023 (2024/08/27)

Improve configuration protocol security. Issue accessing the Public folder.

Hardware

- XPS-D model.

Firmware: XPS Unified V1.8.6

Web site: XPS-D 2.4.3

XPS-Unified Package: Version [#48A-20240827](#)

Stage data base: V4.3.17 (September. 19th 2023 - ECO5770)

- Refer to document "XPS-D-RL-StageDataBaseHistory.pdf"

Snapshot-XPS-D_N13022 (2024/06/26)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.8.6](#)

- 1.8.6
 - Fix PSO timeflasher don't work with aquadB encoders.
 - Fix number of timeflasher pulses lower than awaited number of pulses.
- 1.8.5.3
 - Fix wrong value of ExternalLatchPosition when used with an AquadB encoder.
- 1.8.5.2
 - Fix PositionerPositionCompare APIs doesn't work.

Web site: [XPS-D 2.4.3](#)

- The space characters contained in the default name of a TCL script generated from the terminal panel are replaced by underscore characters.

XPS-Unified Package: [Version #47-20240611](#)

Stage data base: [V4.3.17 \(September. 19th 2023 - ECO5770\)](#)

- Refer to document "XPS-D-RL-StageDataBaseHistory.pdf"

Snapshot-XPS-D_N13021 (2023/08/29)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.8.5](#)

- 1.8.5
 - Add a new parameter "**TrajectoryBufferSize**" in **GENERAL** section of **system.ref** file to resize PT/PVT trajectory buffer size. **Default value must be 100.**
 - Fix **PlusEndOfRunHomeSearch** issue. Bad computation of the offset of the home position.
 - Fix **positionerPositionCompare** functionality which didn't work with AquadB encoders.
- 1.8.4
 - Fix **XYScanMoveAbsolute** API. The Y movement was done too early.
 - Add **AvailableRamMemory** gathering data.
- 1.8.3
 - Fix **XYZ** group infinite initialization due to a missing timer **when initialization sequence is not "Together"**.

Web site: [XPS-D 2.4.2](#)

- Fix relative move from tuning page.

XPS-Unified Package: [Version #44-20230829](#)

Stage data base: [V4.3.16 \(April. 17th 2023 - ECO5699\)](#)

- Refer to document "XPS-D-RL-StageDataBaseHistory.pdf"

Snapshot-XPS-D_N13020 (Nov 2022)

Hardware

- XPS-D model.

Firmware: *XPS Unified V1.8.2*

- 1.8.2
 - Enable PDSA only if **PDSAINputSensorBit** parameters exists in the first **MultipleAxes** group in system.ini -> **this change in previous version of main controller was not properly done.**
 - **Fix crash** of the controller with **certain configurations** when **PDSA** is enabled
- 1.8.1
 - Enable **PDSA** only if **PDSAINputSensorBit** parameters exists in the first **MultipleAxes** group in **system.ini**.
- 1.8
 - Fix run away during initialization for **XY**, **MultipleAxes** and **XYZ** group. For **XYZ** group, the run away is not fixed for together initialization.
 - Fix **XYLineArcVerification()**. When the API returned an error, future calls to this API returned the same error even if the trajectory is correct.
 - Add **CRC** error.
 - Edit **STR_DRV_STATUS_TG_OPEN** : "TG is opened or no stage connected or command CRC error"
 - Fix **GatheringExternalStopAndSaveAPI()** : external gathering was saved in gathering.dat instead of gatheringExternal.dat.
 - Fix the error that if the API did not exist for the required group, it was indicated that the API did not exist. Even though it existed perhaps for another group.
 - Fix the error that if the API was used with bad condition (Secondary positioner, config standard instead of Precision platform ...), it was indicated that the API did not exists. Even though it existed perhaps for another group.
- 1.7.2.9
 - Fix slope issue in **Sgamma** profiler to enable **PostKFeedForward**.
- 1.7.2.8
 - Fix **FatalFollowingError** issue while moving for a long time (ex. Spindle mode) due to CIE position counter overrun.
 - Add possibility to read configuration parameter in simple **mathematic expression format** (m*n/p/q*r*s/t*u/v....) .
 - Add **new API error** codes:
 - **-86**: "Home search index error".
 - **-220**: "Number of TCL script files exceeds limit".
 - **-221**: "Number of trajectory files exceeds limit".
 - **-222**: "Action not allowed because the positioner corrector is in Option 0".

- Returns error **-36** ("Unknown TCL file") if **TCLFileName** or **TaskName** contains any spaces or tabulation, for the following APIs:
 - **TCLScriptExecute()**.
 - **TCLScriptExecuteAndWait()**.
 - **TCLScriptExecuteWithPriority()**.
- **GatheringDataMultipleLinesGet()** returns error **-3** ("String too long") if the data collection buffer exceeds **65535** bytes.
- Change error code from **-8** to **-222** ("Action not allowed for secondary positioner that is in Option 0") for the APIs:
 - **PositionerExcitationSignalSet()**.
 - **PositionerExcitationSignalCorrectorOutSet()**.
- Correct output data of the API **EventExtendedGet()**.
- Add new line in **/Admin/Public/system.ref** to configure **DebugTraceCommunication** feature:


```
[GENERAL]
DebugTraceCommunicationTraceAll = ; Enabled or Disabled
```
- The **gantry index** difference is calculated in relation to Encoder positions instead of Corrected SetPoint positions.
- Improve **GroupPositionCurrentGet()** to make it working with XY gantry configuration.
- 1.7.2.62
 - Add **MotionDoneCumulativeConfirmationTime** parameter in GENERAL section of firmware.ref. Calculate motion done time as SPX version.
- 1.7.2.5
 - Fix problem of data lost with API **GatheringDataMultipleLinesGet()**.
 - Fix problem of file saving synchronization with API **GatheringStopAndSave()**.
 - Add APIs:
 - **PositionerMagneticTrackPositionAtHomeSet()**.
 - **PositionerEncoderLinearCorrectionGet()**.
 - **PositionerEncoderLinearCorrectionSet()**.
- 1.7.2.2
 - Improve API **GatheringDataMultipleLinesGet()**: create a thread to not disturb ISR interrupts during API execution.
 - Improve API **GatheringStopAndSave()** and **GatheringDataMultipleLinesGet()**: make API waiting until data getting or saving end before return to user.
- 1.7.2.1B
 - Add a new gathering data:

TimeFromBoot: The time in second from the boot of the XPS.

Web site: [XPS-D 2.4.0](#)

- 2.4.0
 - Fix display of TCL response in FunctionalTest graph (manual change not in SVN).
 - Fix endless loading of documentation page.
- 2.3.9
 - Fix "Front Panel" page display problem.

- 2.3.7
 - Fix “Lissajous” page display problem.
- 2.3.6
 - Fix problem of files / configurations files / load config and save config.
 - Fix problem of result data display in “Functional Test” page.
 - Fix problem of special character used in TCL programs.

XPS-Unified Package: [Version #40A-20221117](#)

Stage data base: [V4.3.14 \(September, 13th 2022 - ECO5608\)](#)

- Refer to document “XPS-D-RL-StageDataBaseHistory.pdf”

Snapshot XPS-D-N13019 (Jan. 2020)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.7.2](#)

- Add parameter "MotionDoneCheckEvenIfNoMove" (stages.ini, value Enabled or Disabled, for PP UT only) allowing to check VelocityAndPositionWindow MotionDone even in case of GroupMoveRelative(0)
- EventsAndActions : Allow "ExecuteCommand" action to work with Standard firmware
- EventsAndActions : Allow "MoveAbort" action to abort move for not only a group but a positioner also (example : XY.X.MoveAbort)
- Add API "HexapodSGammaParametersDistanceGet"
- Add new group status
 - 400 (READY_TRAJECTORY_CALCULATION): Trajectory calculation state
 - 401 (READY_FROM_TRAJECTORY_CALCULATION_ERROR): Ready state from trajectory calculation
- Fix HexapodMoveIncrementalControlPulseAndGatheringSet API issue
- Modification of the Hexapod right path trajectory management to avoid a buffer memory limitation with a shared memory linked to a file
- Fix BootScript execution issue
- Fix GatheringOneData action issue
- Fix communication lost problem of SetGantryMode() if an error occurs during the command execution (EmergencyStop, EmergencyBrake, FollowingError, SlaveError, ZygoError, ...) (PP only)
- Fix problem of end of run glitch error at controller boot
- Fix problem of FatalFollowingError with MoveSlice API

Web site: [XPS-D 2.3.2](#)

- Bugs correction.

XPS-Unified Package: Version #28-20200122

- **Firmware:** XPS Unified V1.7.2
- **External module templates:**
 - Basic external module template: V1.0.0 – N1
 - EtherCATSlaveCiA402 external module template: V1.0.0 – N1
 - ExternalInterlockA external module template: V2.0.0 – N1
 - LaserModulation external module template: V1.0.0 – N1
 - ShutterInterlock external module template: V1.0.0 – N1
- **Web site:** XPS-D 2.3.2
- **QNX kernel:** QNX kernel configuration V3.0.22
- **TCL interpreter:** V1.7.x
- **Software drivers:** V2.2.0.0 (DLL .NET 2.2.0 for XPS Unified firmware V1.7.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.3.6 (Nov. 19th 2019 - ECO5226)

- Refer to document “XPS-D-RL-StageDataBaseHistory.pdf”

Manuals

- [EDH0373En1030 - V1.7.x \(XPS Unified - Programmer's Manual\)](#)

File configuration

- **objects.ini:** V4.3

Snapshot XPS-D-N13018 (Nov. 2019)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.7.1](#)

- Add PDSA APIs :
 - *MultiplePDSAAxisByAxisExecution()*
 - *MultipleAxesPDSASpiralStepExecution()*
 - *MultipleAxesPDSASpiralContinuousExecution()*
 - *MultipleAxesPDSARasterExecution()*
 - *MultipleAxesPDSADichotomyExecution()*
 - *MultipleAxesPDSAEscaladeStepExecution()*
 - *MultipleAxesPDSAEscaladeContinuousExecution()*
- Fix problem of group status (MOVING, TRAJECTORY, ...) lost during EmergencyBrake
- Manage EtherCAT PP mode for all groups
- Correct Jog profiler calculation to improve reaction of API GroupJogParametersSet()
- Fix problem of stage run away when jogging at very low velocity (< 1e-14 units/s)
- Fix problem of wrong parameter number (error -9) in API PositionerCompensatedFastPCOPrepare() (PP only)
- XY Clamp: Remove system.ini ClampInputMode and ClampOutputMode parameters (PP only)

Web site: [XPS-D 2.3.1](#)

- Bugs correction.

XPS-Unified Package: Version [#26-20191107](#)

- **Firmware:** [XPS Unified V1.7.1](#)
- **External module templates:**
 - *Basic external module template:* V1.0.0 – N1
 - *EtherCATSlaveCiA402 external module template:* V1.0.0 – N1
 - *ExternalInterlockA external module template:* V2.0.0 – N1
 - *LaserModulation external module template:* V1.0.0 – N1
 - *ShutterInterlock external module template:* V1.0.0 – N1
- **Web site:** [XPS-D 2.3.1 \(20191104\)](#)
- **QNX kernel:** QNX kernel configuration V3.0.22
- **TCL interpreter:** V1.7.x
- **Software drivers:** V2.1.2.0 (DLL .NET 2.1.2 for XPS Unified firmware V1.7.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.3.6 (Nov. 19th 2019 - ECO5226)

- Refer to document "XPS-D-RL-StageDataBaseHistory.pdf"

Manuals

- [EDH0373En1025 - V1.7.x \(XPS Unified - Programmer's Manual\)](#)
- [EDH0395En1040 \(XPS-D - Start-Up Manual\)](#)

- [EDH0405En1012 \(XPS-D - User Interface Manual\)](#)
- [EDH0406En1012 \(XPS-D - Configuration Manual\)](#)
- [EDH0407En1032 \(XPS-D - Features Manual\)](#)

File configuration

- ***objects.ini: V4.3***

Snapshot XPS-D-N13017 (Aug. 2019)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.6.0](#)

- Add parameters in system.ini for Hexapod group:
[HEXAPOD]
ToolInWorkTravelLimitationMode = ;--- Disabled or Enabled
ToolInWorkTravelLimitationFileName = ;ToolInWorkTravelLimits.txt
- Fix displaying problem of Web Tuning and FineTuning pages in 8-axes configuration when system.ini GroupName length exceeds 5 characters.

Web site: [XPS-D 2.2](#)

- Add HEXAPOD new page.

XPS-Unified Package: Version [#24-20190827](#)

- **Firmware:** [XPS Unified V1.6.0](#)
- **External module templates:**
 - *Basic external module template:* V1.0.0 – N1
 - *EtherCATSlaveCiA402 external module template:* V1.0.0 – N1
 - *ExternalInterlockA external module template:* V2.0.0 – N1
 - *LaserModulation external module template:* V1.0.0 – N1
 - *ShutterInterlock external module template:* V1.0.0 – N1
- **Web site:** [XPS-D 2.2](#)
- **QNX kernel:** [QNX kernel configuration V3.0.22](#)
- **TCL interpreter:** [V1.6.x](#)
- **Software drivers:** [V2.1.1.0 \(DLL .NET 2.1.1 for XPS Unified firmware V1.6.x\)](#)
- **LoadModules:** [V1.2.3](#)
- **GetTCLTaskNameList:** [V1.0.1](#)
- **InitializeIP:** [V2.0.1](#)
- **RestartApplication:** [V1.0.15](#)
- **ResetMotors:** [V1.0.1 \(not used\)](#)
- **Manuals:** [XPS-D](#), [XPS-Unified](#)

Stage data base: [V4.3.4 \(Aug. 30th 2019 - ECO5196\)](#)

- Refer to document "[XPS-D-RL-StageDataBaseHistory.pdf](#)"

Manuals

- No change.

File configuration

- **objects.ini:** [V4.3](#)

Snapshot XPS-D-N13016 (May 2019)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.4.1](#)

- Fix problem of connection lost with GatheringExternalStopAndSave() API.
- **Note** : For XPS-D controller, the PositionCompare (PCO) and ExternalGathering features are not compatible with the PlugNumber 3, 4, 7 or 8, So a PCO or an ExternalGathering using axis must be plugged into the PlugNumber 1, 2, 5 or 6 to be normal functioning.

Web site: [XPS-D 2.1.0](#)

- Add new pages *Stages / FineTuning* and *Stages / Lissajous*.
- Protect controller system files from undesired suppression or modification.

XPS-Unified Package: Version [#19-20190517](#)

- **Firmware:** XPS Unified V1.4.1
- **External module templates:**
 - Basic external module template: V1.0.0 – N1
 - EtherCATSlaveCiA402 external module template: V1.0.0 – N1
 - ExternalInterlockA external module template: V2.0.0 – N1
 - LaserModulation external module template: V1.0.0 – N1
 - ShutterInterlock external module template: V1.0.0 – N1
- **Web site:** XPS-D 2.1.0
- **QNX kernel:** QNX kernel configuration V3.0.22
- **TCL interpreter:** V1.4.x
- **Software drivers:** V2.1.0.0 (DLL .NET 2.1.0 for XPS Unified firmware V1.4.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializelP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.3.0 (September, 25th 2018 - ECO5067)

- No change.

Manuals

- No change.

File configuration

- **objects.ini:** V4.3.0

WARNING : Downgrade impossible to version previous to XPS-D-N13016

- Taking in account the important modification of controller file system in this snapshot, the snapshot installation is not reversible.

Snapshot XPS-D-N13015 (Jan. 2019)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.3.0.1](#)

- Fix problem of "GroupReferencingActionExecute \$socketID GroupName SetPosition None 0" that doesn't set position to 0.
- Fix problem of Event&Action TCLScriptExecute action passing parameter.
- Correction of error message "ReadAndSetEncoderParameters() -> EncoderLinearEncoderCorrection" to "... -> LinearEncoderCorrection"

Web site: XPS-D 2.0.3

- No change.

XPS-Unified Package: Version #15-20181214

- **No change.**

Stage data base: V4.3.0 (September, 25th 2018 - ECO5067)

- No change.

Manuals

- No change.

File configuration

- **objects.ini:** V4.3

Snapshot XPS-D-N14000 (Dec. 2018)

Hardware

- XPS-D model.

Firmware: [XPS Unified V1.3.0](#)

- No change.

Web site: [XPS-D 2.0.3](#)

- No change.

XPS-Unified Package: Version #15-20181214

- **No change.**

Stage data base: V4.3.0 (September, 25th 2018 - ECO5067)

- No change.

Manuals

- No change..

Machine specific configuration files + TCL files added.

Snapshot XPS-D-N13014 (Dec. 2018)

Hardware

- XPS-D model

Firmware: [XPS Unified V1.3.0](#)

- Fix page fault problem of XYZ group mapping

Web site: [XPS-D 2.0.3](#)

- Fix login and password corruption making impossible connection to web interface

XPS-Unified Package: Version #15-20181214

- **Firmware:** XPS Unified V1.3.0
- **External module template:** N8
- **Web site:** XPS-D 2.0.3
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.3.x
- **Software drivers:** V1.17.0.0 (DLL .NET 1.3.0 for XPS Unified firmware V1.3.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.3.0 (Sep. 25th 2018 - ECO5067)

- Refer to document "XPS-D-RL-StageDataBaseHistory.pdf"

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf (V4.3.0 September, 25th 2018)

File configuration

- **objects.ini:** V4.3

Snapshot XPS-D-N13013 (Oct. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #14-20181015

- **Firmware:** XPS Unified V1.2.1
- **External module template:** N7
- **Web site:** XPS-D 2.0.2 20181001
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.2.x
- **Software drivers:** V1.15.0 (for XPS Unified firmware V1.2.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.3.0 (September, 25th 2018 - ECO5067)

- Refer to document "XPS-D-RL-StageDataBaseHistory"

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf (V4.3.0 September, 25th 2018)

File configuration

- **objects.ini:** V4.3

Snapshot XPS-D-N13012 (Aug. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #10-20180802

- **Firmware:** XPS Unified V1.1.4
- **Web site:** XPS-D 2.0.1 20180219
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.1.x
- **Software drivers:** V1.14.0 (for XPS Unified firmware V1.1.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.1.5 (June 27th, 2018 – ECO5026)

- Refer to document “XPS-D-RL-StageDataBaseHistory”

File configuration

- No modification

Manuals

- XPS-Unified-ProgrammersManual.pdf (V1.1.x - 19Apr.2018)

System.ref

- No modification

Snapshot XPS-D-N13011 (June 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #9-20180629

- **Firmware:** XPS Unified V1.1.3
- **Web site:** XPS-D 2.0.1 20180219
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.1.x
- **Software drivers:** V1.14.0 (for XPS Unified firmware V1.1.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.1.5 (June 27th, 2018 – ECO5026)

- Refer to document “XPS-D-RL-StageDataBaseHistory”

File configuration

- No modification

Manuals

- XPS-Unified-ProgrammersManual.pdf (V1.1.x - 19Apr.2018)

System.ref

- No modification

Snapshot XPS-D-N13010 (June 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #8-20180618

- **Firmware:** XPS Unified V1.1.2
- **Web site:** XPS-D 2.0.1 20180219
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.1.x
- **Software drivers:** V1.14.0 (for XPS Unified firmware V1.1.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.15
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.1.5 (June 27th, 2018 – ECO5026)

- Refer to document “XPS-D-RL-StageDataBaseHistory”

File configuration

- No modification

Manuals

- XPS-Unified-ProgrammersManual.pdf (V1.1.x - 19Apr.2018)

System.ref

- No modification

Snapshot XPS-D-N13009 (March 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #5-20180316

- **Firmware:** XPS Unified V1.0.16
- **Web site:** XPS-D 2.0.1 20180219
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.16.x
- **Software drivers:** V1.13.0 (for XPS Unified V1.0.16.x)
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.14
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.1.2

- Version history: March, 1st 2018 (ECO4971).

File configuration

- No modification

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf (DOC0408En0101 - 12/17)

System.ref

- No modification

Snapshot XPS-D-N13008 (Feb. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #4-20180223

- **Firmware:** XPS Unified V1.0.15.1
- **Web site:** XPS-D 2.0.1 20180219
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.15.x
- **Software drivers:** V1.0.15.x
- **LoadModules:** V1.2.3
- **GetTCLTaskNameList:** V1.0.1
- **InitializeIP:** V2.0.1
- **RestartApplication:** V1.0.14
- **ResetMotors:** V1.0.1 (not used)
- **Manuals:** XPS-D, XPS-Unified

Stage data base: V4.1.1

- Version history: february, 09th 2018 (ECO4965)

File configuration

- No modification

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf (DOC0408En0101 - 12/17)

System.ref

- No modification

Snapshot XPS-D-N13007 (Feb. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #3-20180209

- **Firmware:** XPS Unified V1.0.15
- **Web site:** XPS-D 2.0.0 20171215
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.15.x
- **Software drivers:** V1.0.15.x
- **LoadModules:** V1.2.3
- **RestartApplication:** V1.0.14
- **ResetMotors:** V1.0.1 (not used)
- **GetTCLTaskNameList:** V1.0.1
- **Manuals** XPS-D
- **Manuals** XPS-Unified

Stage data base: V4.1.0

- Version history: february, 09th 2018 (ECO4960)

File configuration

- **Objets.ini:** V4.1

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf

System.ref

- No modification

Snapshot XPS-D-N13006 (Feb. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #2-20180202

- **Firmware:** XPS Unified V1.0.15
- **Web site:** XPS-D 2.0.0 20171215
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.15.x
- **Software drivers:** V1.0.15.x
- **LoadModules:** V1.2.3
- **RestartApplication:** V1.0.14
- **ResetMotors:** V1.0.1 (not used)
- **GetTCLTaskNameList:** V1.0.1
- **Manuals** XPS-D
- **Manuals** XPS-Unified

Stage data base: V4.0.2

- January, 19th 2017 (ECO4886)

CAUTION:

This stage data base doesn't manage the "EncoderQuadratureAndFOCErrorCheck" parameter for PCI AnalogInterpolated encoders.

So, in this case, user must add manually in stages.ini file this new parameter:

`EncoderQuadratureAndFOCErrorCheck = Enabled or Disabled`

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf

System.ref

- No modification

Snapshot XPS-D-N13005 (Jan. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #1-20180119

- **Firmware:** XPS Unified V1.0.14.10
- **Web site:** XPS-D 2.0.0 20171215
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.x for XPS Unified V1.0.14.x
- **Software drivers:** V1.0.14.x
- **LoadModules:** V1.2.2
- **RestartApplication:** V1.0.13
- **ResetMotors:** V1.0.1 (not used)
- **GetTCLTaskNameList:** V1.0.0
- **Manuals** XPS-D
- **Manuals** XPS-Unified

Stage data base: V4.0.2

- January, 19th 2017 (ECO4886)

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf

System.ref

- CorrectorISRPeriod = 100e-6

Snapshot XPS-D-N13004 (Jan. 2018)

Hardware

- XPS-D model

XPS-Unified Package: Version #0-20180108

- **Firmware:** XPS Unified V1.0.14.9
- **Web site:** XPS-D 2.0.0 20171215
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.x for XPS Unified V1.0.14.x
- **Software drivers:** V1.0.14.x
- **Modules XPS-D**

Stage data base: V4.0.0 Released

- First release.

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf

Snapshot XPS-D-N13003 (Nov. 2017)

Hardware

- XPS-D model

XPS-Unified Package: Version #0-20171130

- **Firmware:** XPS Unified V1.0.14.7
- **Web site:** XPS-D 2.0.0 20171121
- **QNX kernel:** QNX kernel configuration V3.0.5
- **TCL interpreter:** V1.0.x for XPS Unified V1.0.14.x
- **Software drivers:** V1.0.14.x
- **Modules XPS-D**

Stage data base

- Revision V4.0.0 Released.

Manuals

- XPS-D-RL-StageDataBaseHistory.pdf

Snapshot XPS-D-N13002 (Sep. 2017)

Hardware

- XPS-D model

XPS-Unified Package: Version #0-20170920

- **Firmware:** XPS Unified V1.0.13
- **Web site:** XPS-D 2.0.0-beta5
- **QNX kernel:** QNX kernel configuration V3.0.2
- **TCL interpreter:** V1.0.x for XPS Unified V1.0.13.x
- **Software drivers:** V1.0.13.x
- **Modules XPS-D**

Stage data base

- Revision V4.0.0 - Beta 10.

Snapshot XPS-D-N13001 (Mars 2017)

Hardware

- XPS-D model

XPS-Unified Package: Version #0-20170327

- **Firmware:** XPS Unified V1.0.11
- **Web site:** Web Ajax V2.2.0 + MakeAjaxData V1.2.0
- **QNX kernel:** QNX kernel configuration V2.2.5
- **TCL interpreter:** V1.0.x for XPS Unified V1.0.11.x
- **Software drivers:** V1.0.11.x
- **Modules XPS-D**

Stage data base

- Revision V3.0.6