

Keysight M3601A, HVI Design Environment

2.01.18 Version Information

Released Date:	August, 2017
Operative systems:	Microsoft Windows 7, 10 (32-bit and 64-bit OS) openSUSE 64-bit OS
Supported Modules:	M3100A, M3102A, M3201A, M3202A, M3300A, M3302A
File Name:	Windows: M3601A_2.01.18_installer.exe Linux: M3601A-2.01.18-x86_64.7z

New Features

- First draft implementation for multi-chassis environment.

Bug Fixes

- Fixed empty subHVI crash.
- Improved subHVI's flow-control blocks compilation.
- Improved module instruction compilation.

2.01.12 Version Information

Released Date:	June, 2017
Operative systems:	Microsoft Windows 7, 10 (32-bit and 64-bit OS) openSUSE 64-bit OS
Supported Modules:	M3100A, M3102A, M3201A, M3202A, M3300A, M3302A
File Name:	Windows: M3601A_2.01.12_installer.exe Linux: M3601A-2.01.12-x86_64.7z

New Features

- Wait trigger can be configured in two modes: synchronized with clk10 or immediate.
- Allowed the use of constants and registers as address and data on HVI port instruction.

Bug Fixes

- Licensing system integration improved in order to use native EEsof License Tools.
- File extensions checks:
 - Case insensitive is allowed.
 - Wrong extension/file message shown when invalid file type.
- M310xA and M330xA prescaler instruction.

2.01.05 Version Information

Released Date:	April, 2017
Operative systems:	Microsoft Windows XP Microsoft Windows 7, 10 (32-bit and 64-bit OS) openSUSE 64-bit OS
Supported Modules:	M3100A, M3102A, M3201A, M3202A, M3300A, M3302A
File Name:	Windows: M3601A_2.01.05_installer.exe Linux: M3601A-2.01.05-x86_64.7z

Important Note

SD1 software installation is required to be able to work with any SD1 module project.

New Features

- subHVI project opening from subHVI state.
- Add/remove state improved to be more user-friendly.
- Improved license management and validation.
- Module windows positioning improved.

Bug Fixes

- Window titles.
- Arrow drawing.

2.01.00 Version Information

First software release.

Released Date:	March, 2017
Operative systems:	Microsoft Windows XP Microsoft Windows 7, 10 (32-bit and 64-bit OS) openSUSE 64-bit OS
Supported Modules:	M3100A, M3102A, M3201A, M3202A, M3300A, M3302A
File Name:	Windows: M3601A_2.01.00_installer.exe Linux: M3601A-2.01.00-x86_64.7z

Features

- HVI user-friendly flowchart programming
- Flexible and scalable user-defined instrumentation:
 - Process control
 - Signal generation / acquisition
 - ATE (Automatic Test Equipment)
- Mixed-signal (analog, digital, RF, etc)
- Ultra-fast hardware execution (ns timescales)
- Flow control and decision making: loops, jumps, variables
- Full intermodule synchronization
- Seamless connection with Keysight SD1 libraries for VIs:
 - C/C++, .NET 3.5/4.5, LabVIEW, MATLAB (using .NET), Python, Borland