

Kaye Validator® version 3.60 is an upgrade of the software and firmware for the Kaye Validator System, including the enhancements and fixes described below. **Note for users upgrading from versions prior to 2.30:** The software and firmware must be updated simultaneously, first to version 2.33 (included on the Validator software CD) and then to 3.50. Setups stored on floppy disk will become obsolete once the software and firmware are upgraded.

Kaye Validator Version 3.60 Enhancements

PC Software Enhancements:

PC Software 3.60 now also runs on Windows 7 Professional (32 bit only — 64 bit support available February 2012) and supports Microsoft Office Professional 2010.

Firmware Enhancements:

Provided storage media selection support [3.60.0001]

Provided Italian language support [3.60.0001]

Provided Windows 7/ Vista / XP-SP3 support [3.60.0000]

Kaye Validator Version 3.60 Fixes

PC Software Fixes:

Issues of software hang and runtime error related to Password maintenance window with Network in disabled state solved.

Issue related to Audit report hang with Network in disabled state solved.

Issues related to legacy reports runtime error and unable to print has been solved.

USB communication related issues solved.

Firmware fixes:

Issues of slow setup transfer and PC freeze issue resolved.

USB communication related issues —offline, USB communication & USB disk detection problems —resolved.

Removed some misleading messages

Kaye Validator Firmware Version 3.50.0006

This firmware-only release addresses a reported issue of computer freeze while running a qualification or calibration study. The data was intact in the Validator but the computer was freezing up. Firmware Version 3.50.0006 addresses this issue and resolves it.

Change Control - Follow the firmware update procedure on page 3. The change in this build is a minor patch and full qualification is not necessary. Only a Qualification and Calibration study need to be run to document the change control. The PC software remains unchanged.

Kaye Validator® Version 3.50 Enhancements

Users will be able to use a USB disk, as they have floppy disks, for storing setups, calibration, qualification files as well as upgrading firmware.

ReportWizard can be launched from Program Menu independent from the software.

The software has an option to override Lethality parameters for reporting, and generate MKT calculations. A0 is provided as alternate Lethality calculation (EN15883).

Firmware fixes: Software freeze with PC controlled Qualification runs with serial or USB communication is fixed, Memory overflow handling for long studies is fixed and Inflate error bug, occurring for long PC controlled runs, is resolved.



Kaye Validator® Version 3.12 Fixes

The Validator firmware has been updated to resolve issues related to stand alone runs and generating reports when using floppy disks:

Issues with long studies. Version 3.12.0001 firmware has fixed a number of issues with software on the PC hang up when executing studies with PC connected via serial port or USB port to the Validator. The reports generated by Report Wizard software will show the firmware version as 3.12.0001. The operational qualification test for this change would be re-execution of Section 6.5 of the M9011 Operational Qualification (OQ) Protocol Addendum.

Kaye Validator® Version 3.11 Enhancements

Version 3.11 runs under Windows Vista (SP1), and offers enhanced support for the CTR-80 calibration reference.

Kaye Validator® Version 3.1 Enhancements

Version 3.1 enables off-sample data and intervals to be processed as cycles in the Report Wizard in addition to the reporting sample rate data. Off reporting-rate data can now be reported in statistical calculations.

The IQ/OQ has been updated to improve the test and documentation of the audit trail features.

Updated software includes a file dialog box that permits users to get full Windows Explorer access to copy/move/delete files from within the Validation Software. Minor discrepancies between the old and new Report Wizard were fixed.

Kaye Validator® Version 3.0 Enhancements

Enhanced Reporting: The reporting capabilities have been greatly improved, including the addition of post qualification events, groups and calculations. Graphing capability has added flexibility, with more inputs and access to graph properties (such as color and line type). Users can now merge Validator and ValProbe study files.

Network Capability: The Kaye Validator can now be configured to be installed from, and work with, network-based files and databases. System administrators can store data files and audit trails on the network, and manage Validator data, user names and passwords from a central database. Administrators can also assign specific permissions to individual users, as well as default level permissions, and can disable the password system if desired.

USB Port: A USB port at the rear of the Kaye Validator is now available for connecting a PC via a USB cable.

Software Installation

The version 3.60 software is designed to install and run under Windows 7, XP and Vista. The software resides on the Kaye Validator CD. Before installing the version 3.60 software you should close any programs that may be running.

Notes:

- The installation program automatically creates backup copies of all files replaced during installation. These files are used when the software is uninstalled and a rollback to the previous software version is requested during the uninstall process. The installation program will create the backup folder in the same directory as the destination folder.
- **For users upgrading from versions prior to 2.30:** Setup files created with an earlier version of the software must be converted during the upgrade to 2.33. If you have any setup files saved on floppy disk only, copy those files to the default directory (c:\program files\Kaye Validator\Setups) before installing the upgrade. The 2.33 software will not recognize setups created in a previous version unless they have been converted during the upgrade.

If you have any questions regarding this installation, please contact GE Measurement & Control Solutions Customer Service:

- **Toll Free:** 800-833-9438 or **Direct:** 978-437-1000

Installing the Version 3.60 Software from CD

Complete the following steps to install the version 3.60 software:

1. Insert the Kaye Validator CD into the CD-ROM drive. When the Validator screen appears, click the appropriate language to start the installation process.
2. Follow the on-screen instructions to complete the installation. The installation options are listed below.

Kaye Validator offers the option of configuring the software for network capabilities. The Validator data files can thus be saved to and reported on from a central network location, rather than stored on each individual PC's hard drive. In addition, by enabling network capabilities, the Validator software will utilize one central password database for managing user names and passwords. You can then manage passwords for all your users in one place, rather than having a different password database on each PC running the Kaye Validator software.

Follow these steps to install the Kaye Validator software. Before installing the software, you should close any applications that may be running.

- If you are installing Kaye Validator to a network drive (from which you will install it to individual PCs), proceed to “Installation for a Network Application” on page 49 of the User’s Guide.
- If you are installing Kaye Validator to an individual PC, proceed to “Installation for a Local Application” on page 55 of the User’s Guide.

Firmware Upgrade Installation

Software version 3.60 requires firmware version 3.60. To upgrade your Kaye Validator firmware to version 3.60, you will need to copy the firmware to floppy disk from the Kaye Validator CD, and then load the firmware into the Kaye Validator via the floppy disk. If you just purchased your validation system, the firmware is the current version. No action on your part is required.

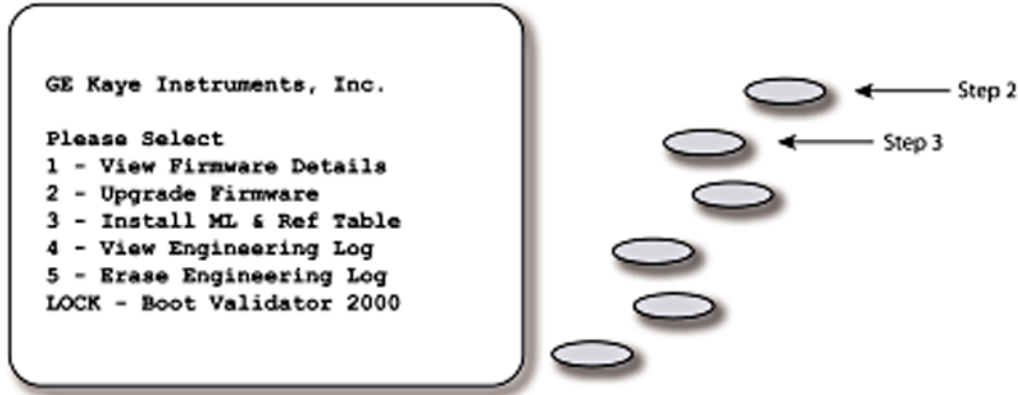
For users upgrading from versions prior to 2.30: Once the firmware is upgraded, you will need to log in *using the upgraded password table from software version 2.33 or later (including 3.0)*. This will require copying a setup file to floppy disk using software version 2.33 or later (including 3.0), and inserting the floppy into the Kaye Validator floppy disk drive when prompted for a user ID and password (copying a setup file to floppy disk copies the most recent password table).

Complete the following steps to copy the firmware to floppy disk:

1. Insert the Kaye Validator CD into your CD-ROM drive, and insert a blank, formatted floppy disk into your PC's floppy disk drive.
2. Using Windows Explorer, navigate to the CD-ROM drive.
3. Open the folder for the language you are installing (English, Deutsch, etc.).
4. Copy the fmw folder to the floppy disk. Then copy a setup file created from the Validator software with a valid user ID and password to the floppy. This user ID and password is needed when upgrading the firmware on the Validator.

Complete the following steps to upgrade to version 3.60 firmware:

1. Power off the Kaye Validator. Insert the version 3.60 firmware upgrade floppy you just created into the Kaye Validator floppy disk drive.
2. Press and hold the top blue softkey, turn the power on and continue to hold the key (approximately 15 seconds) until the menu shown below displays.



3. Press the second blue softkey and follow the prompts to upgrade the firmware. When the firmware is upgraded, you will be prompted to enter your user ID and password. Insert a floppy disk with a setup copied using software version 3.50, and enter your user ID and password. This will load the version 3.50 password table from the floppy disk.

Note: *The Kaye Validator keypad only allows the entry of user IDs and passwords consisting of the numbers 1-5. If your user ID and password consist of characters other than 1-5, you need to define a new user with a numeric user ID and password (1-5), and activate the user account by logging in to the software, before copying the setup to floppy.*

4. You will be prompted again for your user ID and password. Enter your user ID and password to complete the upgrade. This action will be logged in the Audit Trail. The Kaye Validator screen appears when the firmware upgrade is complete.
5. Power off the Kaye Validator, wait 10 seconds, and then power on again to complete the upgrade process. You can remove the floppy at this point.