SMART®

Release notes

SMART Notebook 15.2 software summary, January 22, 2016 version upgrade release

About these release notes
SMART Notebook 15.2 software January 22, 2016 release introduces a version upgrade to resolve an issue from the previous release.

Resolved issue

General
- Resolved an issue with both Windows and Mac versions of Lesson Activity Builder (prior to version 15.2) where users were not properly notified that files saved with Notebook 15.2 were not compatible with previous versions of Notebook.

SMART Notebook 15.2 software summary, January 7, 2016 version upgrade release

About these release notes
SMART Notebook 15.2 software January 7, 2016 release introduces a version upgrade to resolve issues from the previous release.

Resolved issues

Windows operating system
- Resolves an issue on Windows 10 where Notebook would stop unexpectedly after startup due to Windows updates
- Resolves an issue where Notebook would stop unexpectedly when loading certain Notebook files
- Resolves an issue using Ink in Windows 7 where Capture, from some windows (including Reader), created blank images

SMART Notebook 15.2 software summary, December 2015 release

About this release

SMART Notebook 15.2 software introduces new Lesson Activity Builder (LAB) activities, including Label Reveal and Speed Up! New themes have also been added, including Knight and Dragon, Bees and the high school oriented Simple theme.

Shout It Out! now supports moving contributions between categories.

New SMART kapp and You Tube add-ons are also available. Visit www.smarttech.com for more information.

SMART Notebook 15.2 software December release also resolves issues from previous releases.

Resolved issues

Windows operating system
- PowerPoint importer failed if Office was installed via click-to-run (Office 365)
- Multiple Word documents with Ink on them could not be opened

OS X operating system
- Moving the Screen Shade was quite slow
- Notebook sometimes crashed when used with Epson projectors
- Epson BrightLink 1430wi pen didn't work with Notebook
- When using OS X El Capitan, Notebook could close unexpectedly if a document was closed after maximizing it
- The eraser did not work when a Serial /WC6 connection was used

Known issues

General
- You might encounter compatibility issues with later versions of Adobe Flash. Future versions of SMART Notebook will no longer support Flash.

Windows operating system
N/A

OS X operating system

- Ink for Microsoft Office 2016 PowerPoint is not supported on Mac OSX

Software component version numbers

Windows operating systems

Component	Version
SMART Notebook software	15.2.886.0

OS X operating system software

Component	Version
SMART Notebook software	15.2.868.0

Operating system improvements

- Improved Windows 10 support

- Improved OS X full screen support

- Improved Microsoft Office compatibility

Related release notes

- SMART Product Drivers 12.4 for Windows® and Mac computers (smarttech.com/kb/170792)

- *SMART Ink 3.2x release notes* (smarttech.com/kb/170832)

Software downloads

Download the software from smarttech.com/software.

Minimum computer requirements

> **NOTE**
>
> Operating systems and other third-party software released after this SMART software might not be supported.

Windows operating systems

- Intel®Core™ 2 Duo processor or greater

- 2 GB of RAM (4 GB for 4K UHD)

- 2.5 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation)

- Windows 7 SP1, Windows 8, Windows 8.1 or Windows 10 operating systems. (For Windows 10 only: Windows 10 has changed the "Guest" connections are made to network file shares on a different domain, and this may affect deployment of Gallery Essentials and Lesson Activity Toolkit. For more information, see www.smarttech.com/kb/000017743.

> ### � NOTE
> SMART Notebook 15 software doesn't support Windows XP operating systems. If you use the Windows XP operating system, you must use Education Software Installer (ESI) 11.4 or earlier.

- Microsoft® .NET Framework 4.5.1 for SMART Notebook software and SMART Ink

- MicrosoftVisual Studio® Tools for Office for SMART Ink

- Adobe® Flash® Player 19 ActiveX® control for SMART Notebook software. (For Windows 7 only: the Adobe Flash Player ActiveX control is already included in Internet Explorer and Edge browsers in Windows 8 and later.)

- Adobe Flash Player 19 Firefox® plug-in for SMART Notebook software and SMART Response® assessment software

- Adobe Reader® 8 or later

- DirectX® technology 10 or later

- DirectX 10 compatible graphics hardware for SMART Notebook software and 3D Tools for SMART Notebook software

- Windows 7 SP1 Platform update KB2670838

- Windows 7 Security Update Windows 7 Security Update KB3033929

- Internet Explorer® Internet browser 8 or later

- Internet access to download Gallery content and language packs, and to use Lesson Activity Builder Shout It Out! activites.

> ### 🔻 NOTE
> All prerequisite third-party software is built into the EXE file and is automatically installed in the correct order if you deploy the SMART Notebook software download file or the SMART Education Software.exe file.

4K UHD specifications for Windows operating systems

For compatibility with displays running at 4K Ultra High Definition (UHD), the following minimum specifications are required:

Minimum UHD specifications	Recommended UHD specifications
• Integrated* GPU: Intel®Core™ i3 processor with 4 GB of RAM • Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM	• Integrated* GPU: IntelCore i3 processor with 8 GB of RAM • Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM

*Any integrated GPU capable of 4K will meet our minimum requirements if the GPU has dual-channel memory configured.

> **NOTE**
>
> SMART recommends a DPI scaling factor of 125% for 4K UHD displays. If your current DPI settings are suboptimal, you may receive a notification in the top left corner of the first Notebook page when Notebook starts, asking you to increase the display DPI. If you dismiss the notification five times without action, a dialog window will open, giving you the options to learn how to change the DPI or not show the notification again. You can also find more information about changing DPI settings by clicking here.

OS X operating system software

- IntelCore 2 Duo processor or better

- 2 GB of RAM

- 3 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation and an additional 200 MB is required if you choose to install all Handwriting Recognition language packs)

- OS X 10.9, 10.10 or 10.11 operating system software

- Adobe Flash Player 19 for SMART Notebook software

- Safari 4.0.2 or later

- Internet access to download Gallery content and to use Lesson Activity Builder Shout It Out! activities.

4K UHD specifications for OS X operating system software

For compatibility with displays running at 4K Ultra High Definition (UHD), the following specifications are required:

Minimum UHD specifications	Recommended UHD specifications
Late 2013 Retina MacBook Pro with 8 GB of RAM	Late 2013 Mac Pro

> **NOTE**
>
> In order to have the best customer experience possible when using your SMART Board 8084i and 6065 interactive flat panels, see the following knowledge base article: Best display performance for SMART Board 8084i and 6065 interactive flat panels.

SMART Notebook 15.1 software summary, October 2015 release

About this release

SMART Notebook 15.1 software October release introduces a version upgrade and resolves issues from previous releases.

Resolved issues

Windows operating system

- PowerPoint importer failed if Office was installed via click-to-run (Office 365)

- Multiple Word documents with Ink on them could not be opened

OS X operating system software

- Moving the Screen Shade was quite slow

- Notebook sometimes crashed when used with Epson projectors

- Epson BrightLink 1430wi pen didn't work with Notebook

- When using OS X El Capitan, Notebook could close unexpectedly if a document was closed after maximizing it

- The eraser did not work when a Serial /WC6 connection was used

Software component version numbers

Windows operating systems

Component	Version
SMART Notebook software	15.1.798.0

OS X operating system software

Component	Version
SMART Notebook software	15.1.736.0

New features

Operating system improvements

- Improved Windows 10 support

- Improved OS X full screen support

- Improved Microsoft Office compatibility

Software downloads

Download the software from smarttech.com/software.

SMART Notebook 15.1 software summary, August 2015 release

About this release

SMART Notebook 15.1 software introduces four new activities, including Shout It Out!, a Lesson Activity Builder (LAB) activity that allows students to upload image and text lesson contributions from their own devices to the Notebook LAB interface. New activity themes have also been added.

SMART Notebook 15.1 also resolves issues from previous releases.

> 📓 **NOTES**
>
> - The SMART Notebook Math Tools trial isn't available in the *Select Products* window of the *Education Software 2015 installation wizard*. However, you can still activate your purchased SMART Notebook Math Tools product key after you install SMART Notebook

software. A trial version can be installed when customizing the installation with the SMART Install Manager. For more information, see the *Education Software Installer 2015 system administrator's guide for Windows operating systems*(smarttech.com/kb/170902).

- SMART XC Collaboration functionality is no longer included with SMART Notebook software.It has been transitioned into Lesson Activity Builder (LAB) and the Shout It Out! activity.

Software component version numbers

Windows operating systems

Component	Version
SMART Notebook software	15.1.772.0

OS X operating system software

Component	Version
SMART Notebook software	15.1.708.0

Software downloads

Download the software from smarttech.com/software.

Minimum computer requirements

> **NOTE**
>
> Operating systems and other third party software released after this SMART software might not be supported.

Windows operating systems

- Intel®Core™ 2 Duo processor or better.

- 2 GB of RAM (4 GB for 4K UHD)

- 2.5 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation)

- Windows 7 SP1, Windows 8, Windows 8.1 or Windows 10 operating systems

> **NOTE**
>
> SMART Notebook 15 software doesn't support Windows XP operating systems. If you use the Windows XP operating system, you must use Education Software Installer (ESI) 11.4 or earlier.

- Microsoft® .NET Framework 4.5.1 for SMART Notebook software and SMART Ink

- MicrosoftVisual Studio® Tools for Office for SMART Ink

- Adobe® Flash® Player 18 ActiveX® control for SMART Notebook software

- Adobe Flash Player 18 Firefox® plug-in for SMART Notebook software and SMART Response® assessment software

- Adobe Reader® 8 or later

- DirectX® technology 10 or later

- DirectX 10 compatible graphics hardware for SMART Notebook software and 3D Tools for SMART Notebook software

- Windows 7 SP1 Platform update KB2670838

- Internet Explorer® Internet browser 8 or later

- Internet access to download Gallery content and language packs, and to use Lesson Activity Builder Shout It Out! activites.

> **NOTE**
>
> All prerequisite third-party software is built into the EXE file and is automatically installed in the correct order if you deploy the SMART Notebook software download file or the SMART Education Software.exe file.

4K UHD specifications for Windows operating systems

For compatibility with displays running at 4K Ultra High Definition (UHD), the following minimum specifications are required:

Minimum UHD specifications	Recommended UHD specifications
- Integrated* GPU: Intel®Core™ i3 processor with 4 GB of RAM - Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM	- Integrated* GPU: IntelCore i3 processor with 8 GB of RAM - Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM

*Any integrated GPU capable of 4K will meet our minimum requirements if the GPU has dual-channel memory configured.

> 🔖 **NOTE**
>
> SMART recommends a DPI scaling factor of 125% for 4K UHD displays. If your current DPI settings are suboptimal, you may receive a notification in the top left corner of the first Notebook page when Notebook starts, asking you to increase the display DPI. If you dismiss the notification five times without action, a dialog window will open, giving you the options to learn how to change the DPI or not show the notification again. You can also find more information about changing DPI settings by clicking here.

OS X operating system software

- IntelCore 2 Duo processor or better

- 2 GB of RAM

- 3 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation and an additional 200 MB is required if you choose to install all Handwriting Recognition language packs)

- OS X 10.8, 10.9 or 10.10 operating system software

- Adobe Flash Player 18 for SMART Notebook software

- Safari 4.0.2 or later

- Internet access to download Gallery content

4K UHD specifications for OS X operating system software

For compatibility with displays running at 4K Ultra High Definition (UHD), the following specifications are required:

Minimum UHD specifications	Recommended UHD specifications
Late 2013 Retina MacBook Pro with 8 GB of RAM	Late 2013 Mac Pro

> 🔖 **NOTE**
>
> In order to have the best customer experience possible when using your SMART Board 8084i and 6065 interactive flat panels, see the following knowledge base article: Best display performance for SMART Board 8084i and 6065 interactive flat panels.

New features

- You can use Lesson Activity Builder (LAB) to quickly build interactive activities for students, enabling a new level of student engagement and interest. Choose from customizable flip card or sorting activities, and add gaming components to make your activities even more engaging and fun. In this latest version, there are four new activities, including Shout It Out, a

content creation and contribution tool that allows students to contribute to lesson activities using their own mobile devices.

- Improved Windows 10 support

- Improved OS X full screen support

- Improved Microsoft Office compatibility

Resolved issues

General

- Corrected an eraser issue for SB600 boards that use a serial conversion module or a Bluetooth® connection

- Screen shade colors weren't saved in the file.

- Themes could not be removed after a file was closed.

- Couldn't ink over legacy Math Tools graphs.

- Many Lesson Recorder fixes.

- SMART Blocks is more robust in general (easier to make connections reliably).

- Handwriting recognition now always respects the order ink is visually arranged in, not the order in which it was created.

- Shift-enter should insert a line-break when text editing.

- Superscripts and subscripts were lost when a text object was associated with an Activity Builder and the activity was edited.

- Annotations with Fade In object animation didn't work as expected when file was closed and re-opened.

- There was a memory leak when .flv's were played that would eventually cause Notebook to crash.

- If an Undo was performed after erasing, the erased ink did not show in the whiteboard area, but could be seen in the thumbnail area.

Windows operating systems

- Highlighter did not show in transparent mode.

- Estonian, Latvian and Lithuanian languages are now supported

OS X operating system software

- Solid fill for objects were slightly darker than the same color for background colors.

- Using Magic Pen would hide all text on the page.

- Inking after using highlighter could cause ink to have black lines through it.

- Polish is now supported.

- Frequent crashes occurred when connected to Epson projectors

- The Epson 1430wi pen didn't work in Notebook

- Screen shade performance improved when SMART Response is installed

Known issues

General

- The Notebook 15.1 installation could take more time than usual for users who do not have .NET Framework 4.5.1 installed on their computers

- Text grouped with other objects, or text in a shape does not scale correctly when you drag and drop into a table cell.

- Users behind a firewall or proxy may find that Notebook add-ons do not work as expected.

- Users who have computers that only meet minimum operating system requirements may experience inking issues with Math Editing.

- Users who do not have a video card installed that supports Direct X 10 may receive a Direct X 10 error message.

- You might encounter compatibility issues with later versions of Adobe Flash. Future versions of SMART Notebook will no longer support Flash.

Windows operating systems

No changes from previous version. See **General issues** above.

OS X operating system software

If your computer is set up with an extended display and you enter full screen mode in Notebook the second display will have a gray screen.

SMART Notebook 15 software summary, April 2015 release

About this release

SMART Notebook 15 software introduces Lesson Activity Builder (LAB), allowing you to quickly build interactive activities for students, Concept Mapping, which uses nodes to create concept maps that encourage dynamic student participation, improved access to certain shape and angle options, and an improved browser experience. It also resolves issues from previous releases.

> **✎ NOTES**
>
> - The SMART Notebook Math Tools trial isn't available in the *Select Products* window of the *Education Software 2015 April installation wizard*. However, you can still activate your purchased SMART Notebook Math Tools product key after you install SMART Notebook software. A trial version can be installed when customizing the installation with the SMART Install Manager. For more information, see the *Education Software Installer 2015 system administrator's guide for Windows operating systems* (smarttech.com/kb/170902).

Software component version numbers

Windows operating systems

Component	Version
SMART Notebook software	15.0.1211.0

Mac OS X operating system software

Component	Version
SMART Notebook software	15.0.904.0

Software downloads

Download the software from smarttech.com/software.

Minimum computer requirements

> **✎ NOTE**
>
> Operating systems and other third-party software released after this SMART software might not be supported.

Windows operating systems

- Intel®Core™ 2 Duo processor or better

- 2 GB of RAM (4 GB for 4K UHD)

- 2.5 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation)

- Windows 7 SP1, Windows 8, Windows 8.1 or later operating system

> **NOTE**
>
> SMART Notebook 15 software doesn't support Windows XP operating systems. If you use the Windows XP operating system, you must use Education Software Installer (ESI) 11.4 or earlier.

- Microsoft® .NET Framework 4.5.1 for SMART Notebook software and SMART Ink

- MicrosoftVisual Studio® Tools for Office for SMART Ink

- Adobe® Flash® Player 17 ActiveX® control for SMART Notebook software

- Adobe Flash Player 17 Firefox® plug-in for SMART Notebook software and SMART Response® assessment software

- Adobe Reader® 8 or later

- DirectX® technology 10 or later

- DirectX 10 compatible graphics hardware for SMART Notebook software and 3D Tools for SMART Notebook software

- Windows 7 SP1 Platform update KB2670838

- Internet Explorer® Internet browser 8 or later

- Internet access to download Gallery content and language packs

> **NOTE**
>
> All prerequisite third-party software is built into the EXE file and is automatically installed in the correct order if you deploy the SMART Notebook software download file or the SMART Education Software.exe file.

4K UHD specifications for Windows operating systems

For compatibility with displays running at 4K Ultra High Definition (UHD), the following minimum specifications are required:

Minimum UHD specifications	Recommended UHD specifications
- Integrated* GPU: Intel®Core™ i3 processor with 4 GB of RAM - Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM	- Integrated* GPU: IntelCore i3 processor with 8 GB of RAM - Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM

*Any integrated GPU capable of 4K will meet our minimum requirements if the GPU has dual-channel memory configured.

> **NOTE**
>
> SMART recommends a DPI scaling factor of 125%.

Mac OS X operating system software

- IntelCore 2 Duo processor or better

- 2 GB of RAM

- 3 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation and an additional 200 MB is required if you choose to install all Handwriting Recognition language packs)

- [[[Undefined variable ThirdPartyTrademarks.MacOSX]]] 10.8, 10.9 or 10.10 operating system software

- Adobe Flash Player 17 for SMART Notebook software

- Safari 4.0.2 or later

- Internet access to download Gallery content

4K UHD specifications for [[[Undefined variable ThirdPartyTrademarks.MacOSX]]] operating system software

For compatibility with displays running at 4K Ultra High Definition (UHD), the following specifications are required:

Minimum UHD specifications	Recommended UHD specifications
Late 2013 Retina MacBook Pro with 8 GB of RAM	Late 2013 Mac Pro

> 🖊 **NOTE**
>
> In order to have the best customer experience possible when using your SMART Board 8084i
> and 6065 interactive flat panels, see the following knowledge base article: Best display
> performance for SMART Board 8084i and 6065 interactive flat panels

New features

- You can use Lesson Activity Builder (LAB) to quickly build interactive activities for students, enabling a new level of student engagement and interest. Choose from customizable flip card or sorting activities, and add gaming components to make your activities even more engaging and fun.

- Use Concept Mapping to encourage dynamic participation from students. You can use ink gestures along with traditional interactions and Gallery content to build concept maps. You can even create concept mapping nodes from images, and edit text right inside the node.

- Now all SMART Notebook 15 users have access to a variety of shapes and angle features that were previous only available to Math Tools subscribers.

- New SMART Notebook browser improvements mean a better YouTube™ and GeoGebra experience for your students.

Resolved issues

General

- Screen shade colors weren't saved in the file.

- Themes could not be removed after a file was closed.

- Couldn't ink over legacy Math Tools graphs.

- Many Lesson Recorder fixes.

- SMART Blocks is more robust in general (easier to make connections reliably).

- Handwriting recognition now always respects the order ink is visually arranged in, not the order in which it was created.

- Shift-enter should insert a line-break when text editing.

- Superscripts and subscripts were lost when a text object was associated with an Activity Builder and the activity was edited.

- Annotations with Fade In object animation didn't work as expected when file was closed and re-opened.

- There was a memory leak when .flv's were played that would eventually cause Notebook to crash.

- If an Undo was performed after erasing, the erased ink did not show in the whiteboard area, but could be seen in the thumbnail area.

Windows operating systems
- Highlighter did not show in transparent mode.

- Estonian, Latvian and Lithuanian languages are now supported

Mac OS X operating system software
- Solid fill for objects were slightly darker than the same color for background colors.

- Using Magic Pen would hide all text on the page.

- Inking after using highlighter could cause ink to have black lines through it.

- Polish is now supported.

Known issues

General
- The Notebook 15 installation could take more time than usual for users who do not have .NET Framework 4.5.1 installed on their computers

- Text grouped with other objects, or text in a shape does not scale correctly when you drag and drop into a table cell.

- Users behind a firewall or proxy may find that Notebook add-ons do not work as expected.

- Users who have computers that only meet minimum operating system requirements may experience inking issues with Math Editing.

- Users who do not have a video card installed that supports Direct X 10 may receive a Direct X 10 error message.

Windows operating system
No changes from previous version. See **General issues** above.

Mac OS X operating system software
- If your computer is set up with an extended display and you enter full screen mode in Notebook the second display will have a gray screen.

Education Software Installer Deployment

About this section

This section provides information for Education Software Installer deployment, including a brief description of new features and features from previous releases.

New features

- The SMART Technologies Error Report for Windows operating systems has been updated from Microsoft's Window Error Reporting to an internal SMART Technologies tool.

- A new Mac Web Installer is available to download for teachers. This Web Installer downloads the handwriting resources and is much smaller than the full USB Installer.

SMART Notebook 15 software

- Install Manager for Windows and Mac operating systems has these new features:

    ○ Connectivity test tool for Activation web services

    ○ (Mac version) Ability to open, modify and republish .pkg files previously published from Install Manager

    ○ Improved stability

- SMART Product Update can now be used from the command lines for Windows operating systems and the console for Mac OS X operating system software to retrieve information about a computer's activation status (for example, which product keys are activated and their expiry dates). See Chapter 3 of the Education Software Installer 2015 system administrator's guide for Windows operating systems (smarttech.com/kb/170902) or the Education Software Installer 2015 system administrator's guide for Mac OS X operating system software (smarttech.com/kb/170901) for more information.

- The Activation Wizard includes a new connectivity test tool for activation web services connectivity.

SMART Notebook 14.3 software

- Administrators can choose to install XC Collaboration Premium Trial version or XC Collaboration Basic version of the Notebook Add-on on Installer Manager.

- Education Software Installer 14.3 adds Lithuanian, Latvian and Estonian language support in Windows operating systems and Hungarian and Polish language support in Mac OS X operating system software.

- Administrators can locate the Start System Menu at logon option in Install Manager under General options > Installation Options in Windows operating systems and Mac operating system software.

- Administrators can use reorganized Gallery option in Install Manager.

- Administrators can use a new Install Manager option under General Options > SMART Product Update (SPU). Select Reset per-user changes to the previous two settings to override any previous per-user settings to the Check for updates every NN days and the Notify users about SMART product updates settings.

SMART Notebook 14.2 software

- Administrators can select Disable the License Status dialog box in SMART Install Manager to prevent the License Status dialog box from appearing when users start SMART Notebook software. They can also perform this task from the command line.

- Education Software Installer 14.2 adds Korean support for Windows operating systems and Hungarian support for Mac OS X operating system software.

SMART Notebook 14.1 software

- Delayed Activation: To support deployment using system imaging, delayed activation allows you to register a Product Key at installation time, and then provides the user with a simple way to activate the registered product key after deployment. Activation SMART Response after system imaging is needed because the licensing is node-locked. See the Education Software Installer 2014 system administrator's guide for Windows operating systems (smarttech.com/kb/170648) or the Education Software Installer 2014 system administrator's guide for Mac OS X operating system software (smarttech.com/kb/170649) for more information.

SMART Notebook 14.0 software

- "Administrator-friendly" Windows.exe installer: SMART Install Manager can now open the .exe installer (SMART Software Education.exe) and publish an XML file with customization. Installer can use the XML file to perform silent network deployments, while the .exe installer installs prerequisites. See the Education Software Installer 2014 system administrator's guide for Windows operating systems (smarttech.com/kb/170648) or the Education Software Installer 2014 system administrator's guide for Mac OS X operating system software (smarttech.com/kb/170649) for more information.

- Remove previously installed products: An administrator can ensure only the selected products are installed by choosing the Remove SMART product that aren't selected above if they exist on the system options in SMART Install Manager. Otherwise, the default behavior is to upgrade any existing products in addition to installing the selected products.

SMART Response 2015 assessment software

About these release notes

These release notes summarize the changes in SMART Response assessment software version 15.2 for the December 2015 release.

Product information

The SMART Response interactive response system is available in several models to suit a variety of learning environments, such as 1:1, K-12, early education, special needs and advanced math and science.

Software component version numbers

Windows operating systems

Component	Version
SMART Response software	15.1.740.0

Mac OS X operating system software

Component	Version
SMART Response software	15.1.477.0

Minimum Computer Requirements

Windows operating systems

- Intel®Core™ 2 Duo processor or better

- 2 GB of RAM (4 GB for 4K UHD)

- 2.5 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation)

- Windows 7 SP1, Windows 8, Windows 8.1 or Windows 10 operating system

  > **NOTE**
  > SMART Notebook 15 software doesn't support Windows XP operating systems. If you use the Windows XP operating system, you must use Education Software Installer (ESI) 11.4 or earlier.

- Microsoft® .NET Framework 4.5.1 for SMART Notebook software and SMART Ink

- MicrosoftVisual Studio® Tools for Office for SMART Ink

- Adobe® Flash® Player 17 ActiveX® control for SMART Notebook software

- Adobe Flash Player 17 Firefox® plug-in for SMART Notebook software and SMART Response® assessment software

- Adobe Reader® 8 or later

- DirectX® technology 10 or later

- DirectX 10 compatible graphics hardware for SMART Notebook software and 3D Tools for SMART Notebook software

- Windows 7 SP1 Platform update KB2670838

- Internet Explorer® Internet browser 8 or later

- Internet access to download Gallery content and language packs and to run Response VE

4K UHD specifications for Windows operating systems
For compatibility with displays running at 4K Ultra High Definition (UHD), the following minimum specifications are required:

Minimum UHD specifications	Recommended UHD specifications
- Integrated* GPU: Intel®Core™ i3 processor with 4 GB of RAM - Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM	- Integrated* GPU: IntelCore i3 processor with 8 GB of RAM - Discrete GPU: IntelCore 2 Duo processor with 4 GB of RAM

*Any integrated GPU capable of 4K will meet our minimum requirements if the GPU has dual-channel memory configured.

> **NOTE**
> SMART recommends a DPI scaling factor of 125%.

OS X operating system software

- IntelCore 2 Duo processor or better

- 2 GB of RAM

- 3 GB of free hard disk space for SMART education software installation (an additional 600 MB is required for complete Gallery installation and an additional 200 MB is required if you choose to install all Handwriting Recognition language packs)

- OS X 10.8, 10.9 or 10.10 operating system software

- Adobe Flash Player 17 for SMART Notebook software

- Safari 4.0.2 or later

- Internet access to download Gallery content and to run Response VE

4K UHD specifications for OS X operating system software
For compatibility with displays running at 4K Ultra High Definition (UHD), the following specifications are required:

Minimum UHD specifications	Recommended UHD specifications
Late 2013 Retina MacBook Pro with 8 GB of RAM	Late 2013 Mac Pro

> ✎ **NOTE**
>
> In order to have the best customer experience possible when using your SMART Board 8084i and 6065 interactive flat panels, see the following knowledge base article: Best display performance for SMART Board 8084i and 6065 interactive flat panels

New features
There are no new features in this release.

Resolved issues
Not applicable.

Known issues
SMART Response will not be compatible with Microsoft Office 2016

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smarttech.com/support
smarttech.com/contactsupport