Release Notes for IVS-PowerPoint

Version 1.6.3 – Released 11/30/2018

New features
- The Communication Wizard has a new option to automatically detect any connected USB clusters. This option is much faster than the option to automatically search for all clusters, because it will get its information from the Windows Device Manager, and therefore know immediately which device is attached to the computer and connected to which serial port.

Bug fixes
- If the status bar was displayed before a slideshow was started, opening the voting for a remote script would fail and the IVS-Online Gateway would go offline. Opening the voting for a Lite Base Station would seem to succeed, but none of the keypads could vote. Also, if the slideshow was running in a single monitor environment, clicking one of the buttons in the status bar would momentarily bring the PowerPoint window to the foreground.
- When using the Presenter View while running a slide show, the voting could not be opened or closed using F5 and F6 when the Presenter View window was active.
- If no slide was selected, for instance when using the slide sorter, it was still possible to start the Conversion Wizard, which would result in an error, because there was no active slide.

Version 1.6.2 – Released 09/25/2018

New features
- The Configure IVS-Online Connection Wizard now also allows you to set up a message queue, that can be used by your remote voters to send messages to the moderator. The last page of the wizard will give you two extra links, one for the moderator, who has to approve the messages, and one for a message wall, where the approved messages will be displayed.
- The Configure IVS-Online Connection Wizard now displays a summary page at the end, just before any changes will be applied. This will give you the opportunity to review the settings that will be applied and make any changes when necessary, before they are actually applied.
- The Configure IVS-Online Connection Wizard can now create an anonymized user group. When adding users to this group, you only have to provide an email address. A user name and password will automatically be created and sent to the user. If you run the wizard again, you will only see randomized user names in a random order. You cannot delete a single user (as you wouldn't have a clue which user that would be), but you can delete all users at the same time. You can add extra users, but this will randomize the user names and order once again.
- The Configure IVS-Online Connection Wizard has a new option on the invite page, that lets you invite only those users that were added during this run of the wizard. Users that were already there, will not be invited again.

Minor changes
- The Configure IVS-Online Connection Wizard has a link on the credentials page, which you can click in case you forgot your password.

Bug fixes
- If you were voting with IVS-Online and your remote script was set to display the results, answer 1 might not show any results if one of your answers contained an extra newline character at the end of its text.

Version 1.6.1 – Released 02/01/2018

New features

- In the connection wizard, there's a new page that lets you customize the text and upload an image that is shown to the remote voters after they have logged in, when no question is currently open and no results are shown. You can also customize the text and upload an image that is shown in between questions, when no results are shown.

Bug fixes

- In the connection wizard, on the user list page, the Import button didn't work. Also, the Delete button only showed an empty dialog with an OK button, which didn't allow you to delete a user.

Version 1.6.0 – Released 11/01/2017

New features

- IVS-PowerPoint can now connect to IVS-Internet, which allows your audience to not only use keypads to vote, but also any device that can connect to the internet and display a web page. Use the 'Configure Connection' option in the new 'Connection' group on the 'IVS' tab of the ribbon. The free version gives you access to internet voting with up to three remote voters. To use internet voting with more than three remote voters, you need to have a license.

Minor changes

- The status bar, that can be displayed when running a slide show, can be changed to a larger version with only a start and stop button to start and stop the voting, and a V: indicating the number of votes received during voting. This version is easier to control when you are using touch control. To switch to this larger version of the status bar, right-click on it and select 'Touch control'. You can always switch back by right-clicking and selecting 'Mouse control'.

Version 1.5.3 – Released 03/10/2017

New features

- All software is now also available as a true 64-bit version. This means that IVS-PowerPoint can now also be used in the 64-bit version of Office. Note though that the 64-bit version does not support the older (blue) USB dongle. You either need to new (red) USB dongle or a temporary license to be able to use more than 30 keypads.
- As of this version, the software is installed as a single language application. You can install additional language packs to use the software in other languages. IVS-PowerPoint uses the language priority order as set up in Office, so that it will be displayed in the same language as Office, provided that this language is installed as an IVS-PowerPoint Language Pack.

Version 1.5.2 – Released 07/19/2016

Bug fixes

- If a device was attached to or removed from the computer, you could get a notification 'This application has stopped working and needs to be closed'. IVS-PowerPoint would then be closed without giving you a chance to save your work.
- If a license on a USB stick was connected, and the license file had somehow become corrupted, an 'Out of memory' error would be displayed upon startup, and the application would not be completely initialized. An Access Violation could occur anytime the license needed to be read, or when the application was closed.

Version 1.5.1 – Released 06/15/2016

New features

- NOTE: There is a bug in Office 2016 that will damage your charts if you duplicate a slide containing a chart. You cannot use the Duplicate slide option, nor the Copy/Paste combination, to make a copy of an existing slide containing a chart. You can work around this by first creating a new, empty slide, then selecting and copying all objects on the original slide and pasting them on the new slide. This bug was fixed by Microsoft in the February 2016 update of Office 2016.

Minor changes

- The way keypads are initialized when you have connected more than one Base Station has been simplified. You are still asked if you want to initialize keypads for each connected Base Station. If you click Yes, the standard Initialization window appears. If you are finished initializing keypads for this Base Station, you can now click the Stop button in the Initialization window. There is no extra window needed asking you to click OK to stop initializing.
- All executable files are now dual signed: once with a sha-1 signature and once with a sha-256 signature.
- Updated the drivers for the Base Station to version 2.12.16.0.

Bug fixes

- The temporary license did not work anymore.

Version 1.5 – Released 03/18/2016

New features

- When starting up PowerPoint, the IVS-PowerPoint splash screen is shown in the top left corner of the screen. The splash screen shows what IVS-PowerPoint is doing when starting up, so that you know you have to wait a bit before PowerPoint is entirely up and running.
- After having initialized keypads, you are no longer asked to save a list with keypads. Instead, the list is automatically saved. You can still save your own list by using the 'Save initialized keypads' option from the 'Communication' panel on the IVS tab.
- Supports the new office charts available since Office 2007. Because these new charts were only available to external Add-Ins as of Service Pack 2, and then still presented many problems, the new charts are only used when you are using Office 2010 or Office 2013. You also need to have Excel installed in order to use the new charts.
- Added support for a license file stored on a removable disk rather than using a keylock.
- NOTE: This version of IVS-PowerPoint does NOT work with Windows XP or below. It needs at least Windows Vista. It also does NOT work with Office 2003 or below. It needs at least Office 2007, but it will then still work with the old charts. If you want to work with the new charts, you need at least Office 2010.
- NOTE: There is an incompatibility issue between Office 2010 and Office 2013. If you create a presentation with Office 2010 and then open it in Office 2013, the chart's data are no longer accessible. This can only be solved by removing the chart and then inserting it again in Office 2013.

Minor changes

- When trying to initialize a Base Station at application start-up, that's not connected anymore, a warning is displayed. On Windows Vista and higher, this warning has less text, with a 'More information' button to display the rest of the text, and it contains a checkbox to not display this warning anymore.

Bug fixes

- (Windows 64-bit only) Clicking the Initialize Cluster button would start the initialization wizard, but would also cause any other button to not function anymore. Clicking the Settings button or the Conversion Wizard button would have no effect anymore.

Version 1.1.10 – Released 03/11/2013

New features
- This version now uses Add-in Express 2013, which makes it compatible with PowerPoint 2013.
- The Keylock Update Utility and the Keylock Test Utility have been replaced with the new IVS-License Manager.

Minor changes
- The communication wizard now detects the arrival and removal of serial ports and automatically updates the available ports to choose from.
- In the Communication group on the IVS tab, the Initialize Keypads menu button was replaced with two normal buttons called Initialized All Keypads and Initialize Keypads from List. The Restore Communication button was renamed to Load Initialized Keypads and the Save List button was renamed to Save Initialized Keypads. The Initialize Keypads from List button is only enabled when the connected cluster supports this option.

Bug fixes
- When using a serial RF-I or RF-II Base Station connected with a USB-to-serial converter cable, the Base Station would not always initialize. When it did initialize, it would soon go offline.
- When starting the slide show using the presenter mode in PowerPoint 2007, IVS-PowerPoint would fire an exception on each slide.
- After initializing and testing the keypads, the buttons in the IVS tab were not updated to reflect the new status.
- An RF-I Base Station could not be initialized.
- When a CC100 was connected and automatically initialized during start-up, the number of initialized keypads would be 0 until the voting was opened or a test network was performed.

Version 1.1.9 – Released 01/12/2012

New features
- Updated the communication plugin for the CC100. This new plugin performs much better when large amounts of votes are received in a short period of time.

Bug fixes
- Under some circumstances the Lite Base Station would not initialize when clicking the Initialize button. Clicking again would then initialize the Base Station without any problems.
- When using an RF-I Base Station, closing the voting would make the Base Station go offline.
- On some computer systems an RF-I or RF-II Base Station could not be initialized when connected to a real serial port. It could only be initialized when using a USB-to-serial converter cable.

Version 1.1.8 – Released 12/16/2011

New features
- The communication wizard was updated to support more COM-ports. It can now show a maximum of 16 ports, with any port between COM1 and COM64.
- The communication wizard now differentiates between RF-II channels and Lite channels. This is because even though the wizard tells you to select different channels for each Base Station, you can still use the same channel for an RF-II Base Station and for a Lite Base Station.
- Updated the communication plugins for the Lite Base Station and the RF-II Base Station. These new plugins perform much better when large amounts of votes are received in a short period of time. There is also a separate plugin for the RF-I Base Station.

Minor changes

- After initializing the keypads without actually having initialized anything, you would still be asked to save the list or test the keypads. You will now only be asked to save or test if at least one keypad has been initialized.
- Updated the drivers for the Base Station to version 2.8.14.0. These drivers are signed with a VeriSign certificate and a Microsoft Cross-Certificate, so that these drivers can also be used on the 64-bit versions of Windows. Also updated the Card Reader drivers to version 1.2.6.5. These drivers are WHQL certified.
- (IVS-Lite Link only) Added two checkmarks in front of the ID and Name field. When either of them is checked, the cursor will move to that field after programming a keypad. If none of them are checked, the cursor will move to the Name field if it contains text, or move to the ID field otherwise.
- Updated the bitmapped status LEDs in the status bar and the Communication Wizard to one drawn using GDI+.
- A new warning message is displayed when you load a list of initialized keypads while all connected Base Stations already contain keypads. The warning will not be displayed if one or more Base Stations don't have any keypads.
- The question if you want to load the last used keypad list will now only be asked if you use Lite Base Stations and no longer when you are using RF-II Base Stations.

Version 1.1.7 – Released 07/15/2010

New features

- This version now uses Add-in Express 2010, which makes it compatible with PowerPoint 2010.

Minor changes

- (Office 2007 only) When a chart is put on the next slide, it will now automatically update to display the correct results, without having to insert an intermediate slide between the question and the result slide.
- (Office 2007 and 2010 only) Double-clicking on a chart no longer asks if you want to convert the chart to the new PowerPoint chart.
- The Vote Counter now automatically right-aligns when inserted.
- The temporary license has been extended from a maximum of five days to a maximum of 127 years.
- When the result chart was displayed on the next slide, PowerPoint would already have cached that slide before the voting results were available. Going to the next slide would therefore display an empty chart. This version contains a work-around so that PowerPoint displays the correct results even for a cached slide.

Bug fixes

- (Office 2007 only) The charts would no longer display results after installing Microsoft Security Update KB982158. This version contains a work-around that forces PowerPoint to display the results again.
- After exporting results or saving the keypad list, the focus would move from PowerPoint to another opened application or to the Windows Taskbar.

Version 1.1.6 – Released 01/29/2010

Minor changes

- Updated the drivers for the Base Station to version 2.6.0.0. These drivers are signed with a VeriSign certificate and a Microsoft Cross-Certificate, so that these drivers can also be used on the 64-bit versions of Windows. Also updated the Card Reader drivers to version 1.2.1.2. These drivers are WHQL certified.
- The installation script for this version is created using Microsoft's WiX toolset instead of InstallShield express. This toolset requires an XML file describing the installation requirements, which is much easier to maintain.
- The drivers for the Base Station and the Card Reader are not only pre-installed, but are also installed for already connected devices and for phantom devices. This means that when a Base Station is connected

during the installation of the software, its drivers are automatically updated to the latest version. If a Base Station is not connected, but the drivers were already installed, it will automatically update its drivers once it's connected.

- The temporary license now shows how much time there is left for the license.

Bug fixes

- On Windows Vista or Windows 7, the application could hang when starting up. On Windows Vista 64-bit or Windows 7 64-bit, the application would only work the first time after a reboot. Any subsequent attempt to start the application would result in the application hanging at startup. This was caused by the keylock driver failing to read the keylock and hanging the entire application. An updated keylock driver prevents this, however, the new driver no longer supports the parallel keylock.

Version 1.1.5 – Rerelease 02/25/2009

Minor changes

- When multiple Lite Base Stations are connected, the ones that are not currently initializing keypads will be set in mute mode. This is to prevent that keypads cannot be initialized on the current Base Station because they will respond to one of the other Base Stations that is on the same channel as the keypad being initialized.

Version 1.1.5 – Released 02/10/2009

Bug fixes

- (Lite Base Station only) While initializing keypads, a keypad could sometimes fail to initialize even though the software said it initialized correctly. This behavior has been changed, but this also means that a keypad that had already been initialized cannot show anymore that it cannot be initialized again. A keypad that is already initialized will still show a green led when a button is pressed for a second time. Of course the software will not count it again.

Version 1.1.4 – Released 01/19/2009

Bug fixes

- Using a horizontal or vertical time bar in Office XP resulted in a "Value out of range" error.
- (Lite Base Station only) The work-around introduced in the previous release only worked during an open voting. But it also had to work during the initialization of the keypads. This was fixed in this release.

Version 1.1.3 – Released 12/15/2008

Minor changes

- Now also works with Office XP.

Bug fixes

- Starting the Conversion Wizard while no slide was selected would result in an Access Violation.
- Closing the voting while no slide was selected would not display any results. Note that this would never happen during a slide show, because it is impossible to not have any slide selected during a slide show.
- (Lite Base Station only) The Lite Base Station could sometimes forget to send its data. A work-around was created which sends a message to the Base Station every second, so that the Base Station must answer and must send data that it already buffered but did not send yet. This work-around is only performed for Base Stations with a version less than 1.01. For newer Base Stations the problem has been resolved.
- After inserting a result diagram, the IVS toolbar was not updated (i.e. the button to insert a result diagram was still enabled), so that it was possible to insert another result diagram.

Version 1.1.2 – Released 12/01/2008

Minor changes
- When pasting a result to an empty slide containing only a question, the result normally stays linked to the original question. This was changed so that the newly pasted result is linked to the question already on the slide. This only happens when there are no other results already present on the list
- When the slideshow is ended, the status bar is automatically hidden.
- The status bar now also has an orange status to indicate that the voting is either closing or opening.

Bug fixes
- When copying more than one slide, the copied slides were exactly the same as the originals, including the links between question and results. This would result in a cross-link between two questions and two results.
- When showing the status bar and then immediately starting a slideshow on a slide containing a question, the status bar was not updated to allow the voting to be opened.
- After editing a result diagram on a slide other than the first and then starting the slideshow on the first slide, opening the voting would actually open the voting of the question of which you just edited the result diagram and not the question you were looking at.
- Some texts in the license window and the communication window were in Dutch, regardless of which language you had installed.

Version 1.1.1 – Released 11/28/2008

Minor changes
- Changed the status bar behavior. The status bar can now always be shown/hidden with F10, regardless of whether the Show status bar button was pressed before or not.

Bug fixes
- Fix to PowerPoint not updating the slide after voting. Even though the results were filled in in the result diagram, PowerPoint did not update the slide if: you had PowerPoint 2007, started a slide show, the slide show was on the same screen as the presentation, the slide show was showing a different slide than the one you started the presentation with and there were no animations still waiting to be performed. This fix forces PowerPoint to update the slide after closing the voting, but this fix will also cause any sound or movie object still playing to be stopped.

Version 1.1 – Released 11/24/2008

New features
- When inserting a time bar, there is an option to indicate whether to start the time bar automatically or not.
- The time bar can be paused and resumed using F4.
- A new object 'Vote Text' can now be inserted. This text box will only show in the slideshow screen when the voting is opened.
- An option to export individual voted results to a csv file has been added.
- Added French localized version.

Minor changes
- Updated several toolbar icons and added some missing icons.
- Added more checks to see whether the chart object hasn't been converted to a new PowerPoint 2007 Chart.
- Automatically inverts the category axis when switching from a horizontal to a vertical chart or vice versa. Note that this only happens when the chart is deselected.

- Added a drop shadow and an exponential slide to the splash screen.
- The status bar can be hidden/shown using F10. This still requires you to first create the status bar using the 'Show Status Bar' button.
- When inserting more than 10 answers, a warning is displayed to notify that you won't be able to use the extra answers.
- When counting answers, paragraphs with no automatic numbering are also counted as a valid answer. This is to prevent answers from not being counted if someone decides to manually number the answers.
- Changed some default options in the conversion wizard to always insert items.
- Using the conversion wizard to insert a chart now inserts a horizontal chart instead of a vertical chart.
- Removing vote results now also resets the vote counter to zero.
- Since the Conversion Wizard only supports one chart, is it now only possible to insert one chart per slide. You can still bypass this restriction by copying and pasting a new chart.
- When comparing multiple questions, you can now only compare question with the same number of answers. The legend texts will be '1st voting', '2nd voting', etc. You can only compare a maximum of five questions.
- The values accompanying each bar are now displayed within the bar instead of on top of it.
- Inserting a single chart now inserts a horizontal one instead of a vertical one.
- The status bar in the slide show screen now automatically activates the PowerPoint window after clicking on it. This way, PowerPoint keeps responding to keystrokes, which would otherwise be 'eaten' by the status bar.
- The status bar can now be moved around the screen by clicking anywhere, except for activated buttons.

Bug fixes

- The Lite Base Station could go offline sometimes.
- If a Base Station was connected and set up to automatically initialize at startup, it would ask to load a keypad list. However, if a list was never saved before, loading the list would give an error message.
- Initializing a Lite Base Station could take a considerable amount of time, which was unnecessary.
- Pressing F6 would remove the results from the chart, even if it were example results and even if voting was not allowed.
- An error occurred when adding an empty paragraph before the first answer in an answer block.
- (English version only) The dialog box for inserting a time bar was in Dutch.
- Clicking on a disabled button in the status bar would bring the edit screen to the foreground.

Version 1.0 – Released 09/23/2008

- Initial release