

SNAP Release Notes - Updated October 4, 2011

All changes are listed below by release version.

4.1.5 to 4.1.7 – October 4, 2011

- Enhancements:
 - We have a new interface for syncing data with Windows Mobile Devices on the desktop version of SNAP. The mobile device menu option now takes you directly to a data synchronization screen. There is now only one screen related to getting data on or off the mobile device.
 - The rules for syncing data have not changed but are as follows:
 - Handheld data will always overwrite desktop data
 - Any populated data fields will replace blank/empty data fields during sync
 - Desktop comments will overwrite handheld comments
- Bug Fixes:
 - Importing data from excel had a problem with some files – fixed.
 - Upgrading old cards to the latest version was not always working properly giving an error – fixed.

4.1 to 4.1.5 – September 14, 2011

- EXPORT TO CENGEA FOREST - RESOURCES (GENUS):
 - Created an Export to Genus (via files) function for the BC SURVEY – Single Story card (using Canfor's template). This works with the Genus Import Utility.
 - (4.1.4) Changed the exporting of WS and FG numbers to use M value numbers (not M+).
 - (4.1.5) Changed the \$/ha to calculate as a weighted average over all stratum.
- DESKTOP:
 - Corrected an error that occurred when a template was opened with no existing cards.
 - (4.1.3) Fixed a problem where program crashed if repeatable sections that contained attachments were deleted.

4.07.1 to 4.1 – August 22, 2011

- HANDHELD:
 - In the plot records screen, plot # is now at the top of the screen.
 - Sections are easier to read on the handheld with new colour scheme.
 - Code lists with scroll bars now open up at the top of the list.
 - The tree tally boxes no longer automatically go to 10, 20, 30 etc... when you enter 1, 2, 3 (In the grid mode)
 - Syncing iOS devices can now be done via DropBox (see below for more details). This means that syncing the handheld can be done from anywhere as long as you have an internet connection.
- EXPORT TO TFM:
 - Need to remove Pest Code and Pest % lines in .xml file when a pest % is rounded to 0%.

- The TW Private Land Survey Card project now includes a custom export to TFM using the supplied specifications.
- DESKTOP:
 - ** DropBox feature has been added to SNAP for syncing data with iPhones. This feature now allows users to sync iPhones, iPods and iPads over the internet using a DropBox (<http://www.dropbox.com/>) account. This feature requires that the user add have a DropBox account (They are free up to 2GB in size). DropBox is a “Cloud” data storage service that has many features including the ability to share folders with other DropBox users and data security, including the ability to recover deleted data.
 - When users import a new template from a SNAP data package, the existing template is now replaced.
 - When a new card is created the default name is now called “Card 1” rather than being named after the template name.
 - Pull down lists in the form view are now dependant on the width of the data.
 - In Form View, if there are ""additional information comments"" for any field **and** the comments are marked as ""Show Comments in Form View"" in the Display Options, the comments are now included in the Excel export."

4.0.7 to 4.0.7.1 – July 13, 2011

- Enhancement to not replace cards already on the handheld during the manage card process on the desktop.

4.0.6 to 4.0.7 – Jun 28, 2011

- BUG Fix - BC Survey (Single Story): Silviculture labels on reports are now showing the M value SPH, rather than the M+ value.

4.0.5 to 4.0.6 – Jun 10, 2011

- Enhanced the handheld beaming via Bluetooth to include support for the Widcomm Bluetooth stack.

4.0.4 to 4.0.5 – May 31, 2011

- BUG Fix - Fixed a problem with the handheld navigation that allowed users to create a repeatable section within the same type of repeatable section (e.g. a plot within a plot). This data would not be saved correctly and will result in loss of data collected in this way.

4.0.3 to 4.0.4 – May 6, 2011

- Added the ability to record the lat. and long. as decimal degrees rather than degree, minutes, seconds.
- BC SURVEY CARD - The coniferous test being used was fixed to use the current stratum data rather than the first stratum only.
- SINGLE STORY Report: % Host Affected formula was fixed
- BC SURVEY SINGLE STORY Report: Well-spaced tree calculations were fixed to exclude species that are not flagged as preferred or acceptable.
- Added an overwrite warning when importing snap data packages

- We changed the data storage location for SNAP to avoid needing admin privileges to run the program – Admin rights will still be required to install the application.
- BC Survey CARD – Added some free text pull down lists to the block header fields.
- Added a new tool bar button for creating comments to add to any field on the form view.

4.0 to 4.0.3 – April 14, 2011

- ❖ The Handheld Navigation interface has been completely revised to provide smoother navigation for the users – especially with complex cards. The navigation now uses graphical icons to display the different types of sections in a card and now the user can just tap the section they wish to edit to get to the data entry screens. As well, a menu is available from section headers (displayed with an arrow to the right) by clicking and holding, that provide quick access to create new sections or edit the values in grid mode.
- ❖ iPhone, iPod functionality is now available. To install to an iPod or iPhone device you will need to have the OS4.0 or above and you will require a manual install file from JRP that you will need to install through the iTunes application. In the future we will be distributing through the Apple App Store online.
- Fields with additional information (comments, voice clips, attachments, sketches) are now displayed with a red triangle in the corner of the field instead of the field being highlighted in green.
- There is a new ‘comments only’ type of field.
- Comments can now be shown or hidden in the Form View using Display Options.
- The printing process has been improved. A print button has been added to the main toolbar.
- Snap data packages (.SnapPkg) now include attachments.
- Importing data from MS Excel now allows users to specify card naming protocol.

3.1.9 to 4.0 – February 23, 2011

General:

- We have added the concept of Themes for cards. Themes are a way to have separate card templates with identical data structure but have them look different including colours, field names, and pull down lists. Themes can be created by JRP for our clients or by the user.
- We have added a new data editing option called the “section view” and renamed the old “section view” screen to “Analysis”. This new screen allows navigation and editing of the cards data in a way that mimics the handheld look and feel.
- We have changed the interface making two main screens for “Cards” and “Analysis”.
- We have added a new tool bar that consolidates the two tool bars on the past versions.
- The card template selection is now on the main tool bar along with a new filter button which allows the user to filter down the cards displayed in the list.
- A new feature on the tool bar is the ability to group your cards by any value in the header (first) section of data in the card. This results in a “tree-like” appearance to the list of cards and improves navigation.

- Importing Data from Excel worksheets is enhanced now to remember the column mapping from the last time it was used. This is helpful when importing multiple times from spreadsheets that are formatted similarly.
- Cards can now have the name of the card at the top of the card in a custom font size along with a logo in the upper left.

Handheld:

- We have added the ability to attach external data to an item in a card such as maps, photos and video. This external data can be attached in the field on the handheld or in the office at your desktop. Once it is attached it is available on the handheld or the desktop to view with the other card data.
- We have added the ability to record voice with any item as well. This should be useful in the field as a way to record lengthy comments without typing it all out on a handheld key pad. Further to this, is the ability to convert the recorded voice clip into text on the desktop with the click of a button. If the conversion has any mistakes you can listen to the voice clip and fix accordingly.
- Handheld device synchronizing is changed to automate some of the process and provide more information to the user about the need to synchronize and what the results of the synchronization are once it is complete. It is now divided into two processes: Managing Data on Mobile Device (adding and deleting cards and/or templates from the device), and Import Data from Mobile Device which is synchronizing the data between the handheld and the desktop programs. These are accessed from the main menu under 'Mobile Device'.

Data Analysis Screen:

- We have added the ability to show multiple fields of data related to the data being analyzed. An example would be the ability to show all of the block fields along with the plot details. This can generate large data dumps of card data as well as allowing users to drill down and analyze the details of each card.
- We added the ability to save favorite view settings for these data reports.
- A new display option was added to control the number of frozen columns on the report.

3.1.6 to 3.1.8 – October 8, 2010

- The card template title is now shown across the top of the screen, with the logo (if applicable) centered underneath.
- SNAP now loads with a template and card selected.
- Comments and images from the handheld are now merged into the desktop.
- When repeatable sections are added to a card, the card now keeps its relative position on the screen so users do not need to scroll back down to the newly added section.
- A 'Zoom' tool has been added to the toolbar.
- Fixed problem where installing SNAP to the handheld did not create a shortcut.
- All of the comments and images for a particular card can be viewed at once using the new 'All' bubble button in the Card View toolbar.
- There is now an option to export 'All' the desktop cards to the mobile device.

3.1.5 to 3.1.6 – June 23, 2010

- The toolbar is now located below the card template title / logo.
- Card data stored on the desktop and the handheld(s) is now merged when syncing.
- Card data stored on multiple handhelds is now merged when beaming cards through Bluetooth.
- Bluetooth beaming / merging displays more dialogue so users are kept informed of the progress.
- Repeatable sections can now be wrapped (Builder).
- Users can now edit default values on the handheld.
- Card list on the handheld is now sorted by name.

3.1.4 to 3.1.5 – June 7, 2010

- SNAP will now ask permission to be run on systems where the User Access Control is restrictive.
- Any errors found while syncing with the handheld will result in more descriptive error messages.

3.1.3 to 3.1.4 – May 17, 2010

- For repeatable sections on the handheld, users can now create the first record where there was no original record.
- Deleting cards from the handheld through the desktop conduit is now working.
- Importing data from MS Excel was producing an error where there were repeatable sections. The sections are now created automatically upon import.
- The grid function on the handheld now works on hidden lookup fields.
- Switched to RAPI2 library.

3.1.2 to 3.1.3 – April 30, 2010

- Users who have difficulty registering their SNAP license automatically (due to firewalls, etc.), can now do it manually through JRP Solutions (please uninstall SNAP 3.1.2 on the desktop first before proceeding to upgrade).

3.1.1 to 3.1.2 – April 28, 2010

- Users can now enter a renewal license code before the current one expires.
- Cards can be merged on the handheld using the Options menu.
- Sections now appear in the same order on the handheld as they do on the desktop (previously, repeatable sections appeared at the bottom).
- Using 'Edit repeatable sections' was showing duplicate sections to add - now shows just one.
- Dropdown lists were difficult to activate on some handhelds as the stylist could not access them. Selecting the field now opens the pull down list options without having to use the dropdown arrow.
- SNAP package import/export was sending all cards, not just the selected cards. Now picks just the selected cards.

- Closing the “I” button for information on the handheld resulted in the screen being repositioned to the top of the form. Now the position on the form is remembered.
- The card filter now includes a ‘Favorite Templates’ option so that users can save filters they use regularly and call them up quickly.
- Font size and field width for the handheld can now be setup in the card template.

3.0.0 to 3.1.1 – February 11, 2010

- Comment fields on the handheld and desktop now have scroll bars.
- Printing and Print Preview no longer stall on larger cards.
- Printing dialog box allows users to choose a printer.
- The order of code list items can now be rearranged by the user.
- There is a 'SharedFolder.txt' file in the installation directory that allows users to point SNAP to an alternate location to read and save card templates and cards. This allows the application to be removed and reinstalled without losing the shared folder location.
- Users can move child sections to a new parent.
- There are two new icons, 'New Card' and 'Rename Card'.
- Statistics now works for score type fields.
- Fixed bug with “cloned” cards.
- Column width and header row height’s are now remembered in section view.
- Fixed bug with header data that was being lost when synchronized with handheld.
- Fixed bug with merging cards.