

# **TealSafe User's Manual**

Program Version 1.45  
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# Introduction



Thank you for trying TealSafe for Mobile Devices, the private encrypted data manager and list organizer from TealPoint Software.

## **Contents**

### **PalmOS Files (.ZIP Archive)**

PalmOS programs are distributed in a compressed ZIP archive typically named TEALSAFE.ZIP that contains the following files:

#### **Program files:**

|              |                                       |
|--------------|---------------------------------------|
| TEALSAFE.PRC | The TealSafe program                  |
| TPSETUP.EXE  | Easy installer program (Windows only) |

#### **Document files:**

|              |   |
|--------------|---|
| SAFEDOC.PDF  | This document in Adobe Acrobat (PDF) format |
| SAFEDOC.HTM  | This document in HTML format (sans images)  |
| SAFEDOC.PRC  | This document in TealDoc palm format        |
| REGISTER.HTM | TealPoint Registration form in HTML format  |
| REGISTER.TXT | TealPoint Registration form in text format  |

### **Windows Mobile Files (.EXE Installer)**

Windows Mobile programs are distributed in an automatic EXE installer meant to be run on your desktop PC.

|                          |                                |
|--------------------------|--------------------------------|
| TEALSAFE_PPC_INSTALL.EXE | The TealSafe Windows Installer |
|--------------------------|--------------------------------|

## ***Installing***

### **PALMOS**

#### **Automatic Install (Windows Only):**

Double click on the **TPSETUP.EXE** installer program and following the on screen prompts to install the Palm-format files, then HotSync to transfer them into handheld memory.

#### **Manual Install (All Systems):**



Use the Palm Installer to the program file **TEALSAFE.PRC** into main memory. You may also wish to install the manual file **SAFEDOC.PRC**, which is this document in TealDoc reader format for reading with our document reader TealDoc.

On most systems you can simply double-click on the above files to start the Palm Installer and the installation process. If this does not work, you can also start the Palm Installer manually.

You can find the installer either as a stand-alone program in your Palm install folder, in the Start Menu with the other Palm programs, or in the Palm Desktop program as an icon along the left-hand side of the Palm Desktop window. Instructions on how to use the Palm installer appears in the User Handbook or documentation that came with your handheld.

### **WINDOWS MOBILE**

Connect your handheld to your desktop PC, then run **TEALSAFE\_PPC\_INSTALL.EXE** on your PC and follow the on-screen prompts.

## Chapter 1 – Overview



A private encrypted data manager, TealSafe is the perfect place to safely and securely store and organize all your personal, identifying, and financial information including computer passwords, credit card numbers, calling cards, software registration codes, PIN numbers, bank accounts, business contacts, journal entries, or any other information you'd rather keep away from prying eyes.

TealSafe is both extremely powerful and easy to use. It supports secure 128-bit encryption and two-layers of password protection. Yet its interface is still extremely flexible, supporting fully customizable icons and data entry labels in a large choice of layouts for whatever type of data you choose to store, not just a fixed list of predetermined templates.

In organization capabilities, TealSafe is unmatched, supporting not only user-editable categories but also exclusive optional data store lists, groupings where an unlimited number of similar data pages can be stored under a single database entry.

### Data Stores



A **Data Store** is a single file of protected data. Each data store appears as an entry in the TealSafe main screen and supports its own icon, category, and optional individual password.

TealSafe supports two types of data stores, both of which can be in use simultaneously: **Page** data stores and **List** data stores.

#### Page Data Stores

Pages contain a single screen of data representing a single data item, such as a single credit card or memo. A simple way to store all data is to put each item in its own data page, so that it is quickly accessible from the main list.

#### List Data Stores

Lists add an additional layer of structure that is extremely helpful when organizing large amounts of data. In a data list, a single data store is shared by many items, each of which is accessible by a list which appears next to each item's data. All the shared items share the same screen and layout, but appear as a single entry in the data store list. This keeps many small items from overwhelming the main data store list.

## Password Protection



TealSafe supports two optional levels of password protection, **Local** passwords, and **Global** passwords.

### Local Passwords

A *local* password can be assigned to each data store. This password will be required before viewing or editing that specific data store, and will be requested every time that data store is opened. Local passwords are typically used for specific sensitive data that needs a more secure password than other files.

### Global Passwords

A *global* password can also be set to protect data stores that do not have a local password. The global password is typically required whenever TealSafe is launched, and must be entered before the programs starts. When an incorrect password is entered, TealSafe returns to the system application launcher.

Alternatively, the global password can be set to be requested only after the first access to a data store that does not have a local password set. This allows the user to view the list of data stores but not open them without a password.

When the global password is used in this second mode, data stores without a local password can also be marked as **unprotected** data stores. Unprotected data stores are lists and pages organized by TealSafe, but do not require password protection to open. They can be handy for lists of data such as frequent flyer numbers, for instance, where you want to keep the data handy for quick access but are not particularly concerned if someone else sees the data too.

## ***Encryption***

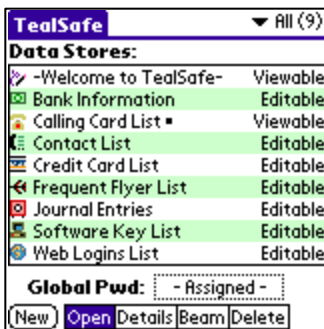
TealSafe supports a choice of encryption methods, including 128-bit AES, Blowfish, MDC/MD5, and a fast 64-bit block cipher algorithm.

Data stores are decrypted in TealSafe whenever their corresponding password is entered, and are re-encrypted when that password entry is once again required. For data stores with local passwords, this means that the data store is decrypted when you open it, and re-encrypted immediately after you exit that data store.

For data stores without a local password, they are decrypted whenever the global password is entered, either at the start of the program or on first access to such a data store, depending on settings. The data store remains decrypted in both cases until you exit the program. Once you try to exit or launch another program, all data stores of this type are re-encrypted before the TealSafe exits.

## Chapter 2 – TealSafe Main Screen

### Data Store List



When TealSafe is run, the **Main Screen** opens, displaying a list of data stores found in the current category. Each row contains the name of a data store along with its associated display mode:

|              |   |
|--------------|---|
| 'Editable'   | - decrypted and in edit mode            |
| 'Viewable'   | - decrypted and in view mode            |
| 'Local pwd'  | - encrypted needing a local password    |
| 'Global pwd' | - encrypted needing the global password |

### Data Store Actions

Notice a row of boxes at the bottom of the screen, labeled “Open”, “Details”, “Beam”, and “Delete”. Tapping on a particular data store in the main window will result in a different action, depending on which of these bottom boxes is highlighted. To the left of these, a “New” button exists which can be tapped to create a new data store.

### Global Password



Below the data stores, you'll find the 'Global Pwd' field. Tap on the box to assign a global password.

Once your password has been assigned, TealSafe will require the password each time the application is opened. Alternately, You can set your TealSafe **Preferences** to ask for you global password only when trying to open an encrypted data store. If you wish to disable a password you've previous set, tap on the global password box once again, and select 'Clear' to remove your password.

### Random Passwords

TealSafe can also generate a secure password for you. Just select the **Randomize** button and select a length from five to ten randomly chosen characters.

## Chapter 3 – Creating New Data Stores

When TealSafe is first started, it automatically creates a small set of sample data stores to get you started. Many users, however, will want to create additional data stores with the templates provided.

To create a new data store, tap the “New” button on the left bottom corner on the main screen. You be given a list of templates to aid you in creating a new data store.

### *Choosing a template*



The usage-specific templates here (such as web-passwords and credit cards) are examples for your convenience only. You can create your own templates, renaming fields and necessary to best fit your needs.

### Template Styles

Templates are grouped into two different styles:

- Auto
- Custom

Templates beginning with ‘Auto’ have pre-labeled fields, while templates beginning with ‘Custom’ require you to label each field. You can change the field labels of data stores you create with either style of template; the only difference is that ‘Auto’ templates preset the labels to suggested values for specific purposes.

### Template Types

Templates also fall into two different types:

- List
- Page



As the names suggest, **list** templates allow the storage of a set of data, while page templates store only one item. For instance, a credit card list would contain all of your credit cards, grouped together.



A credit card **Page**, on the other hand, would only store one credit card individually. Other programs that store passwords only support this latter format.

## Setting Initial Data Store Details



Once you've selected a template, you'll be asked to name your new data store along with defining other details such as your category, optional local password, and the icon associated with the data store. You can change these details any time by opening the data store's details from the main screen. The "Details" box is located at the bottom of the screen.

## Entering Data



Finally, you can input your information in the fields displayed.

Tap in **text data fields** and type or write to enter data into the current data store or data item (if a *list* data store), or tap on **text labels** to change their names for the entire data store.

Once you've done so, tap 'OK' to return to the main TealSafe screen.

## Chapter 4 – Editing Data Stores

The screenshot shows a mobile application window titled "Credit Card List". On the left is a list of bank names: Business, Citybank, Colonial, SureBank, Whassit, and WorldUs. On the right, there are labels for data fields: Type, Number, Expiration, Security Code, and Customer Service. At the bottom, there is a "Notes" field and four buttons: OK, New, Details, and Delete.

The **Edit Screen** allows you to view and edit your data. Make sure "Open" is highlighted on the bottom of the main screen, and tap the data store you'd like to edit. The next screen you'll see will either be the *Edit Screen* or the *View Screen*, depending on the last mode the data store had been in. When you create a new data store, it opens for the first time in edit mode.

### Entering Data

On this screen you can add or edit data for the data store by tapping on a text field line and entering in new text. You can also change any of the text labels for the data store by tapping on the labels themselves (even though they are not underlined). Note that if you are editing a *List* data store, that the labels you choose will be the same across all items in the list.

### Switching between View Mode and Edit Mode

To toggle between the **View** and **Edit** screens, tap on the eye icon in the right top corner of the screen. Text field underlines disappear when in view mode. Also, when in view mode, the "Notes" button will disappear if the note field (if applicable) is empty for the current data item.

### Creating New Data Items

This screenshot shows the same "Credit Card List" screen as before, but with a "Data Item Details" dialog box open at the bottom. The dialog has a title bar "Data Item Details" and a label "Name the new data item:". Below the label is a text field containing "New Item". At the bottom of the dialog are "OK" and "Cancel" buttons.

When editing List type data stores, you can tap the 'New' button to create new Data Items within that data store. Name the item, and tap 'OK'. You can then fill out your item's information (i.e. credit card number, pin).

## ***Copy and Pasting Data Items***

When creating and editing data stores, standard cut and paste operations can be used on individual text fields.

To aid in manipulating entire data fields, two menus – “Copy All Fields” and “Paste All Fields” – add extra functionality. They support copying all of the fields in the current data store to the text clipboard at once, and can be used to transfer data from one data store to another.

The data copied in this way is placed on the clipboard in CSV (comma separated value) format, so it can also be used to export the data to other programs, similar to the built-in “Export to MemoPad” function.

## Chapter 5 – Adjusting Data Store Details



With the **Details** box highlighted on the bottom of the main screen, you can view the details of any *data store* in the list by tapping on it.

### Data store name

Edit this field to change the name of the data store as it appears on the main list.

### Memo button label

Edit this field to changes the label of the “memo” button displayed on the data store’s edit screen.

### View-only

Check this option to make data store open in *View* mode. This option isn’t available if the data store is empty.

### Encrypt and password protect

Check this option to encrypt your data store with the encryption method set in the preferences screen. The encryption will be keyed to the local password, or the global password if no local password is set.

If this option is unchecked, the data store will always be unencrypted, and will not require a password to open. Use this to create easily accessible lists which do not need protection.

### Private data store

Check this option to hide it from the mail data store list according to the PalmOS security *private record* setting. (PalmOS only)

### Local password

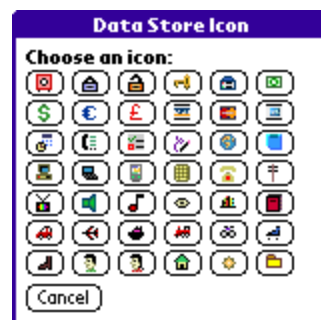
Tap to set or remove a local password for this data store.

### Category

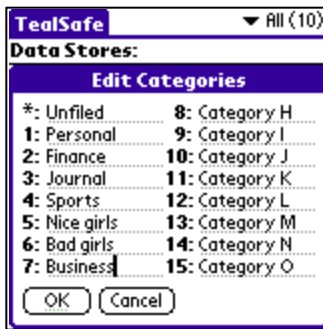
Tap to select a category for the data store.

### Icon

Tap to select an icon for the data store



## Chapter 6 – Categories



**Categories** can be a powerful tool to organize a large list of data stores.

### ***Editing Categories***

To edit the list of categories, select ***Edit Categories...*** from the category pick list or drop down menu, and tap in an edit field to rename the corresponding category.

### ***Changing Categories***

You can change the current category being viewed in the *Main Screen* by tapping on the category selection pick list in the upper right hand corner of the main screen. The count of items present in each category appears in parentheses next to each category name.

### ***Assigning Data Store Categories***



To assign a data store to a new category, tap on the ***Category*** box in the ***Data Store Details*** screen.

## Chapter 7 – Finding Text



TealSafe features a handy search utility to let you locate a Data Item containing specified text. To use it, choose **Find Text** from the drop-down menu.

Enter the text to locate in the text field at the bottom of the screen and tap 'Find' to begin the search operation. If you check the "Ask for local passwords" option, then TealSafe will also search data stores protected with local passwords, stopping to ask you the password for each one it comes to.

When complete, a list of the data stores and data items containing the specified text will be displayed. To open that data store, tap on an entry and select *Goto*.

## Chapter 8 – Preferences



The **Preferences** screen, available from the drop down menu, offers the following special options:

- Ask for global password before...
- Encryption type
- Remember category
- Passwords timeout
- Auto timeout after power off
- Mask passwords on entry

### Ask for global password before

When a global password is set, TealSafe will require password entry in one of two places, either upon:

- Entering program
- Accessing protected data store

For first options pops up a password request upon startup of the program, while the latter does so upon first opening of a data store protected using the global password.

### Encryption Type

Data stores will be encrypted using the encryption type selected in conjunction with the local or global password. Four encryption are available: XOR, MDC/MD5, AES, and Blowfish. XOR offers faster encryption at the cost of a less secure encryption method, while Blowfish and AES provide the highest level of encryption at a slightly slower encrypting speed. The sensitivity of your data and the amount of data you're storing are two factors you may want to use to determine which method is best for you.

### Remember Category

Categories are found in the upper right corner of the main screen. With this option checked, the category selected just before exiting TealSafe will be displayed upon entering TealSafe the next time. When this option is not set, the category will be reset to "All" each time you start the program.

**Passwords timeout**

When set, the passwords timeout will specify how long an entered password allows access to the program or to protected data stores. When the "Ask for password" option is set to "Entering program", a password request will automatically appear after the password has timed out. If the correct password is not entered, TealSafe will exit back to the application launcher. If "Ask for password" is instead set to the second option, TealSafe will automatically re-encrypt the open data stores when the password expires.

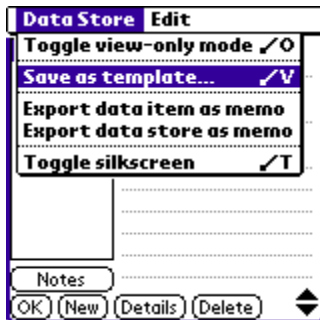
**Auto timeout after power off**

When set, this options will timeout the current global password whenever the handheld is turned off and powered back on.

**Mask passwords on entry**

When this option is set, letters are shown as masked boxes when entering a password. Use this option carefully, as it may be difficult to tell if entered passwords are incorrect if graffiti or keyboard shift modes are unintentionally left on. (PalmOS only)

## Chapter 9 – Creating Custom Templates

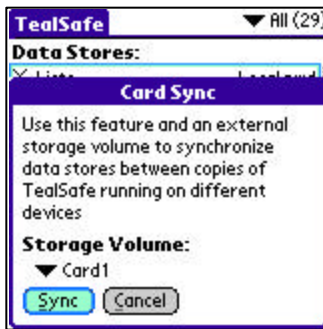


If you've created custom field label names in one of your data stores, you can save the data store as a template so you can easily create other data stores in the future with the same layout and modified field labels.



Open the data store from the main screen and then select "Save as template ..." from the data store's drop down menu. Name the template and tap OK. The next time you create a data store, your template will be listed along with the built-in templates.

## Chapter 10 – Card Synchronization



TealSafe supports a handy synchronization mechanism that allows you to synchronize data stores and changes between any devices running copies of TealSafe. **(New in 1.44)**

This synching mechanism uses an external SD card to transfer data between devices. This makes it compatible with any device combination, such as Palm-to-Windows Mobile or Windows Mobile-to-Foleo.

To start a *Card Sync*, insert an SD card into the device and choose *Card Sync* from the drop down menu on the TealSafe main screen.

### Synchronization Operations

TealSafe processes each data store, synchronizing it with copies on the card placed there from other devices.

#### Card Sync Operations

*Card Sync* imports new data stores and synchronizes changes in the data fields of individual data items. It does NOT, however, synchronize options, encryption, passwords, or changes to the label fields of data stores.

The following operations can be performed during a sync:

##### **Imported Files:**

New data stores created on other devices are automatically imported.

##### **Added Records:**

New or changed data items are inserted into their corresponding data stores.

##### **Deleted Records:**

Records that have been deleted on another device or replaced by a new “added” record are automatically removed.

## **How Card Sync Works**

TealSafe keeps an encrypted copy of each data store from every device in a folder called CARDSYNC. These copies are compared to verify when changes, additions, or deletions have occurred.

When a record (data item) is added, changed, or deleted on one device, that operation is detected and echoed to other devices when they next sync with the card. If a change is simultaneously made to a single data item on more than one device, however, that data item is duplicated and both “changed” copies are kept.

**NOTE:** “Non-list” style data stores only display a single data item in each data store. Because of this, make sure not to change the same data store on more than one device between syncs, as only one change can be kept after a card sync operation.

## **Synchronization Issues**

### **Card Sync Log**



If TealSafe encounters any issues during synchronization, select “View Log” to see a list of issues encountered.

### **Card Sync Encryption**

For full security, all synchronized data copied to the SD card is left encrypted. Because of this, TealSafe can only compare and synchronize corresponding data stores if they have identical encryption, passwords, and options selected.

If you change your encryption method or a local or global password on one device, be sure to make the same changes on other devices too.

**NOTE:** On any device, if you change your global password or encryption method (say, from Blowfish to AES), remember to manually open up and close all your protected data stores. This re-encrypts them to your new preferences, giving Card Sync the matching data it needs to detect and synchronize data.

## Chapter 11 – Exporting Data Stores

### Exporting as CSV Memos (PalmOS)

TealSafe supports an export feature, which lets you save out a single data item or all items in an open data store to a series of MemoPad memos. The exported data is converted into CSV text format, allowing it to be cut and pasted from the Palm Desktop after HotSync into a desktop CSV file for importing into spreadsheets and other programs that support CSVs.

#### CSV Data format



The data is written in CSV format. CSV files consist of multiple records of data, each containing multiple fields of data. Fields are enclosed in quotes, separated by commas. Each record appears as a line of these field entries:

```
"rec1-field1"," rec1-field2"," rec1-field3"
"rec2-field1"," rec2-field2"," rec2-field3"
```

In the exported data from TealSafe, the first record contains the text labels for the data store, while subsequent lines each contain a single data item from the data store. Each data field is enclosed in quotes. If text in a field contains line breaks, they will stay intact.

My Contacts

```
"My Contacts","Name","Address","Street","Phone"
"Alice","Alice Smith","123 Main Street","Concord","515-327-1152"
"Joe","Joe Mizah","922 Grove Ave","Dublin","203-112-9631"
```

#### Exporting the Data



To export data, open a data store and select one of the export options from the drop-down menu. The data will be written to a new MemoPad memo, or multiple memos if it exceeds the 4k maximum MemoPad memo size.

## Reassembling the Data

To import the data back into a spreadsheet on the PC, the individual memos should be pasted back into a single text file in a text editor like Notepad and saved as a .CSV file, which most any spreadsheet should be able to import. When doing so, note that TealSafe adds the data store name as the first line of each memo for a memo title. These should be omitted when assembling the CSV file on the desktop.

## ***Importing, Copying or Exporting data with Copy and Paste***

If you have a text editor (such as TealDoc) capable of saving data as a raw text file to, say, an external SD card, you can use TealSafe's ***Copy All Fields*** menu to export individual data stores to the clipboard, where it can be pasted into the text editor and save out as text. The data has to be transferred one data store at a time, however.

You can also use this method to copy data between data stores or import data into TealSafe if it is properly formatted as a single line in CSV format. Each data field must be enclosed in quotes, with each quoted string separated by commas. Copy the line to the clipboard in a text editor or MemoPad, and then use the ***Paste All Fields*** menu to paste the data into an open (and preferably blank) data store.

## Chapter 12 – Importing Data Stores

### Importing CSV Memos (PalmOS)

TealSafe supports importing memos into “list” data stores in the same format as its export function. To access this function, choose the **Import items from memo** menu when inside an open data store list. **(New in 1.35)**

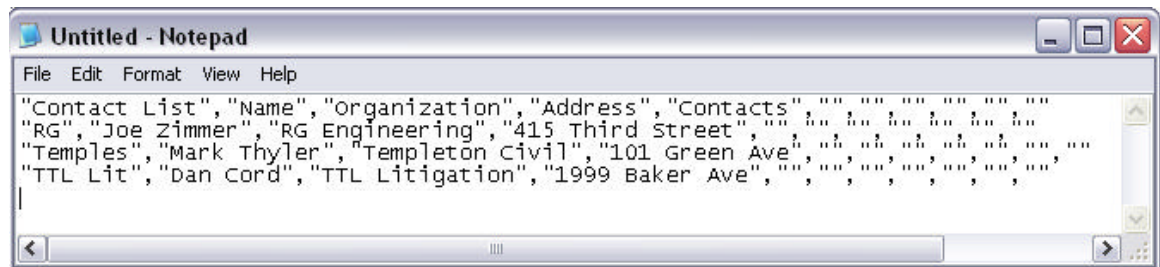


You'll be presented with a list of memos present in the current database. Choose a memo and tap “OK” to add its entries into the current data store.

### Creating a CSV Memo

You can use the CSV import feature to import data from a desktop spreadsheet program. Most spreadsheet programs support exporting data in CSV format, but you'll want to make sure you have your columns set up properly. We recommend the following procedure:

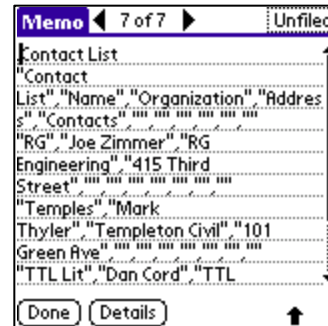
- 1) Export a list data store to a memo to use as a sample template.
- 2) Hotsync to transfer the memo to the Palm Desktop
- 3) Open up the memo in the Palm Desktop and use copy/paste to copy the text into new document in Notepad. Skip the first line of the memo when doing this, as it contains the name of the data store that is not part of the CSV itself. Save the new document with a .CSV file extension.



- 4) Load the memo into the spreadsheet.
- 5) Edit the spreadsheet, keeping the first title line, but replacing the lines of sample data with real data you want to import into TealSafe.

|   | A            | B          | C               | D                | E        |
|---|--------------|------------|-----------------|------------------|----------|
| 1 | Contact List | Name       | Organization    | Address          | Contacts |
| 2 | RG           | Joe Zimmer | RG Engineering  | 415 Third Street |          |
| 3 | Temples      | Mark Thyer | Templeton Civil | 101 Green Ave    |          |
| 4 | TTL Lit      | Dan Cord   | TTL Litigation  | 1999 Baker Ave   |          |
| 5 |              |            |                 |                  |          |
| 6 |              |            |                 |                  |          |

- 6) Save the spreadsheet in CSV format, making sure "commas" are chosen as the field delimiter instead of "tabs."
- 7) Open the new CSV using Notepad
- 8) Copy the CSV text and paste it into a new memo in the Palm Desktop. Add a line to the top to be used as the title of the memo.
- 9) HotSync to transfer the memo to the Palm
- 10) Open or create a new list data store and import the memo.



...

## Appendix A – Common Questions

### **Is there a limit to the number of Data stores I can create?**

Nope. Data stores are limited only by available system memory.

### **Can I create data stores on an external SD card?**

Not at present. Data stores must reside in RAM where they are also more secure and are not removable.

### **Will a desktop version be available?**

There are no current plans for a desktop conduit at this time.

### **What data is encrypted?**

TealSafe secures all “protected” data stores, encrypting any text in the data fields of those files. It’s important to note that the static names of the data stores (like “Bank Information”, “My Important Numbers”, etc) are NOT encrypted, they can be viewable before a password is entered. Only the actual custom data fields and data item names are encrypted, so only place sensitive data in these areas. The names of custom data labels (the headers such as “Name:” or “Password:”) are encrypted with a separate static key, while data and item names are encrypted using a key based on your password.

Data labels are encrypted separately because it would actually be significantly *less secure* to encrypt these common text fields with the same key as your custom data. Since most people leave these fields at their default template name, encrypting them with a common key would open up your password to a “known text” attack. Encrypting the label headers with a static key still gives you some protection, but does not compromise the security of the sensitive data in the data fields.

### **How are encryption keys handled?**

If a hacker were to steal a device and disassemble the code, they could have access to any keys stored in memory. To prevent against this, TealSafe generates data encryption keys from a hash of your local/global password. This is deleted from memory when you encrypt your databases, and regenerated from your key only when you re-enter your password. The actual password is never stored.

## Appendix B – TealPoint Pen-Free Navigation

TealPoint Pen-Free Navigation provides access to all programs screens and functions via keyboard or device 5-way rocker pad. Similar to the 5-way interface on the Treo 600, TICL pen-free navigation also adds similar functionality to Windows Mobile smartphones and older PalmOS handhelds with directional pads or devices with add-on keyboard peripherals.

### Pad Navigation

With 5-way controls, a current button, checkbox, or text field control is highlighted in blue-green or drawn bolded in monochrome handhelds. The current control is changed by presses of the directional pad, which moves the selection to a control in the general direction of the button press. The center “select” button will activate the highlighted control, pressing buttons, toggling checkboxes, or turn on or off the cursor in a text entry field.

On some devices, like the Treo600, the direction pad is mapped in the operating system to move the cursor in an active text field. When this is the case, the direction pad will move the cursor by default, but will change the active control selection once the cursor has reached the end of the text field and can move no further in that direction.

### Keyboard Navigation

With an add-on keyboard (or built-in keyboard), arrow keys replace the directional pad of a 5-way control. To select a control, the Enter key may be used, except when the text cursor is active in a multi-line text field. When this is true, the Enter key will enter a line break into the text field instead.

### Accelerator Keys

On screens without text entry fields or other elements which accept keystroke input, buttons may also support an accelerator key which may be pressed to simulate a press of the key. When this is the case, the letter is shown underlined in the button.

## **Appendix C – Revision History**

Version 1.45 - March 28, 2008

- Added new version for Windows Mobile
- Fixed preview of data store names when using CardSync to import new entries

Version 1.44 - August 24, 2007

- Added new card-sync mechanism for synchronizing between devices (e.g. Palm/Foleo or Palm/Palm)

Version 1.41- June 28, 2007

- Added encryption of data store header labels
- Improved icons and keypad graphics
- Improved data store list to automatically scroll down to last selection when more than one page of entries
- Fixed memo item export to include correct name of selected data item
- Fixed AES encryption to use correct initialization data for encryption

Version 1.38 - April 25, 2007

- Fixed main screen to redraw properly after entering registration key (would leave image of previous window open in 1.37)

Version 1.37 – April 22, 2007

- Fixed intermittent crash exiting program due to bug in external UI library in 1.36

Version 1.36 – April 13, 2007

- Added new memo import capability menu in list-style data stores
- Added new improved keypad button images
- Updated memo export capability to directly support new Palm memo database

Version 1.31 – March 9, 2006

- Fixed crash trying to create an entry based on deleted or non-selected template

Version 1.30 - December 1, 2005

- Fixed alphabetization of data stores (broken in 1.28)
- Fixed mapping of left and right nav buttons to not scroll lists
- Fixed 5-way nav to maintain selection when switching between view and edit modes

Version 1.28 – October 26, 2005

- Fixed compatibility with new Palm Z22 handheld
- Updated control 5-way navigation highlighting to new TICL style/color

Version 1.26 – March 11, 2005

- Added new "Wide List" and "Security Key" standard templates
- Added automatic wakeup to encrypt records if "on power off" option set
- Added optional random password generator when changing passwords
- Updated 5-way navigation order mappings on various screens to match new UI guidelines
- Updated encryption engine to flag files on older devices to be compatible if later upgraded to PalmOS 5 handheld
- Fixed selection of menus using 5-way controller on Tungsten T5 and Treo650
- Fixed automatic activation of text fields on popup dialogs (e.g. reg key entry screen)
- Fixed active control highlighting on Tungsten T5 in landscape mode
- Fixed custom drawing routines for Tungsten T5 left-handed landscape mode

Version 1.00 – August 31, 2003

- First release of TealSafe

## Appendix D – Contact Info

TealSafe by TealPoint Software  
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TealPoint Software  
TealSafe for Mobile Devices  
454 Las Gallinas Ave #318  
San Rafael, CA 94903-3618

Please visit us at [www.tealpoint.com](http://www.tealpoint.com), or email us at [support@tealpoint.com](mailto:support@tealpoint.com).

## Appendix E – Registering

Registering allows you to use the program past the 30 day expiration period and turns off registration reminders.

Currently, you may register by snail mail or online with a credit card and a secured server from the store where you downloaded the software. For the first option, send the following information on a sheet of paper separate from your payment.

- Product Name
- E-Mail Address
- HotSync User ID (Pilot Name Required for Passkey generation. It can be found on the main screen of the HotSync application on the Pilot as "Welcome \_\_\_\_\_" or in the corner on a PalmIII or higher)
- Check (drawn off a US Bank) or Money Order for (\$19.95 US). No international checks or money orders please.

## Appendix F – Products

Visit us online for our complete product line, including:

**SHORTCIRCUIT ( <http://www.tealpoint.com/softshrt.htm> )**

A new twist on gameplay fused from your all time action puzzle favorite games, connect falling conduit pieces into explosive loops in this frantic race against the clock.

**SUDOKUADDICT ( <http://www.tealpoint.com/softsudo.htm> )**

Sudoku Addict brings to your handheld the addictive worldwide puzzle craze that has displaced crossword puzzles in many newspapers in Great Britain and Japan.

**TEALAGENT ( <http://www.tealpoint.com/softagnt.htm> )**

Get news, movie times, stock quotes, driving directions, web pages and more without need for a wireless connection. TealAgent fetches and formats web-based content for offline viewing.

**TEALALIAS ( <http://www.tealpoint.com/softalia.htm> )**

Free up memory and make the most of external expansion cards. Placeholder 'Alias' shortcut files automatically find, load, and launch apps and data from external SD cards, increasing free main memory.

**TEALAUTO ( <http://www.tealpoint.com/softauto.htm> )**

Track and graph automobile mileage, service, and expenses with TealAuto, the complete log book for your car or any vehicle. Extensive customization options and unmatched in features and functionality.

**TEALBACKUP ( <http://www.tealpoint.com/softback.htm> )**

Backup your valuable data with TealBackup, supporting manual and automatic backups to SD/MMC/CF cards and Memory Stick, backups through HotSync, and optional compression and encryption.

**TEALDESKTOP ( <http://www.tealpoint.com/softdesk.htm> )**

Launch applications with TealDesktop, the themed replacement for the standard system launcher screen with tabs, multiple card folders, drag and drop, and more

**TEALDOC ( <http://www.tealpoint.com/softdoc.htm> )**

Read, edit, and browse documents, Doc files, eBooks and text files with TealDoc, the enhanced doc reader. Extensive display and customization options; TealDoc is unmatched in features and usability.

**TEALDIET ( <http://www.tealpoint.com/softdiet.htm> )**

Shape up your life with TealDiet, the diet, exercise, and personal tracking application for mobile devices. Lose weight, build more muscle, and live healthier with TealDiet.

**TEALECHO ( <http://www.tealpoint.com/softecho.htm> )**

Improve your Graffiti text input speed and accuracy, seeing what you write with TealEcho digital "ink". No more writing blind!

**TEALGLANCE ( <http://www.tealpoint.com/softglnc.htm> )**

See the time, date, upcoming appointments and todo items at power-up with TealGlance. The TealGlance pop-up utility and key guard comes up when you power up, letting you see your day "at a glance."

**TEALINFO ( <http://www.tealpoint.com/softinfo.htm> )**

Lookup postal rates, area codes, tip tables, schedules, airports, and info from hundreds of free TealInfo databases. Create you own mini-apps; a handheld reference library.

**TEALLAUNCH ( <http://www.tealpoint.com/softlnch.htm> )**

Launch applications instantly with the TealLaunch pop-up launcher and button/stroke-mapping utility. Map applications to button presses and pen swipes so you can get to your apps quickly.

**TEALLOCK ( <http://www.tealpoint.com/softlock.htm> )**

Secure and protect your handheld with TealLock, the automatic locking program with encryption and card support. TealLock has unmatched features and customization options for personal or corporate use.

**TEALMAGNIFY ( <http://www.tealpoint.com/softlens.htm> )**

Save your eyesight with TealMagnify, an ever-ready magnifying glass that works with most any program. TealMagnify lets you enlarge the screen for those times the text is too small to read.

**TEALMASTER ( <http://www.tealpoint.com/softmstr.htm> )**

Replace Hackmaster with TealMaster, the supercharged 100%-compatible system extensions manager. TealMaster adds enhanced stability, configuration and diagnostic features and PalmOS 5.0 hack emulation.

**TEALMEAL ( <http://www.tealpoint.com/softmeal.htm> )**

Save and recall your favorite restaurants with TealMeal, the personal restaurant database. With TealMeal's handy sorting and selection options, never ask "where to eat" again.

**TEALMEMBRAIN ( <http://www.tealpoint.com/softmemb.htm> )**

Stop crashes and monitor your memory use with TealMemBrain, the application stack stabilizer. TealMemBrain boosts your stack space on OS3 and OS4 handhelds, eliminating the major cause of system instability.

**TEALMOVER ( <http://www.tealpoint.com/softmovr.htm> )**

Beam, delete, rename, and copy files with TealMover, the file management utility for SD/CF/MS cards. TealMover lets you see, move, modify, hex edit, and delete individual files.

**TEALMOVIE ( <http://www.tealpoint.com/softmovi.htm> )**

Play and convert high-quality video and synchronized sound with the TealMovie multimedia system. TealMovie includes a handheld audio/movie player and a Windows AVI/MPEG/Quicktime converter program.

**TEALNOTES ( <http://www.tealpoint.com/softnote.htm> )**

Insert freehand graphics anywhere with TealNotes "sticky notes" for Palm OS. TealNotes can be inserted into memos, to-do lists, address book entries--almost anywhere you currently have editable text.

**TEALPAINT ( <http://www.tealpoint.com/softpnt.htm> )**

Paint, sketch, or draw with TealPaint, the all-in-one mobile graphics paint program and photo editor. Highlights include 25 tools, 32 patterns, 49 brushes, zoom, hires, layers, multi-undo, and JPEG/GIF/BMP support.

**TEALPHONE ( <http://www.tealpoint.com/softphon.htm> )**

Supercharge the address book with TealPhone, the contacts replacement with superior interface and options. Highlights include enhanced display, search, phone-dialing, groups, and linking.

**TEALPRINT ( <http://www.tealpoint.com/softprnt.htm> )**

Print text and graphics to IR, serial, and Windows printers with TealPrint. With numerous connection options, TealPrint, is the all-in-one text and graphic printing solution.

**TEALSAFE ( <http://www.tealpoint.com/softsafe.htm> )**

Store your passwords, credit cards, PIN numbers, and bank accounts in the TealSafe data wallet. With maximum security and encryption, TealSafe is a must for features and security.

**TEALSCAN ( <http://www.tealpoint.com/softscan.htm> )**

Keep your PDA or Smartphone healthy, clean, and fast with TealScan, the system maintenance utility. Use TealScan to fix crashes, find updates, and keep your device running smoothly and efficiently.

**TEALSCRIPT ( <http://www.tealpoint.com/softscrp.htm> )**

Replace or restore Graffiti with TealScript, the text recognition system you can customize. Unlike other systems, you can make or change your own strokes for better speed and accuracy.

**TEALTRACKER ( <http://www.tealpoint.com/softtrac.htm> )**

Track time and expenses with a fast, easy to use interface that requires minimal effort. Generate reports and export data to a spreadsheet. TealTracker is your personal time clock.

**TEALTOOLS ( <http://www.tealpoint.com/softtool.htm> )**

Improve productivity with TealTools pop-up Palm Desk Accessories. TealTools includes a popup calculator, clock/stopwatch, preferences panel, editing panel, memopad, and a file/backup manager.

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