X Safe

for Series 60

Keep your important information private and secure

User's Guide (Version 1.0)

Please read this document before the program installation

X Safe **for Series 60** – Perfect assistant for secure and convenient managing all your important information. Keep your sensitive information private and password protected. Store credit cards, calling cards, user names, passwords, accounts (bank, internet, email), web pages, contacts and much more. Flexible and fully customizable user interface, tree view and list view modes. Support for custom templates. Includes personal SMS server (optional) to access your data anywhere.

Supported devices:

Nokia –
3230/3600/3620/3650/3660/6260/6600/6620/6630/6670/6680/6681/6682
/7610/7650/N70/N90/N91/N-Gage/N-Gage QD
Panasonic – **X700/X800**
Sendo – **X/X2**
Siemens – **SX1**
Samsung - **SGH-D710/SGH-D720**
All Series 60 Phones (At http://www.symbian.com/phones/index.html you can check if your mobile phone is a Series 60 phone)

Important information:

X Safe *offers a trial period of 14 days. To use the program after that trial period you need to obtain a registration key. Nova Epoc Systems is not responsible for loss of data that was entered into the program during the trial period.*

Program features:

- Strong data security, Symbian DBMS encryption in combination with 256 bit Blowfish cipher.
- Ability to store data of different kind and organize multilevel folder hierarchy.
- Professionally designed and flexible user interface. Tree view mode, that dramatically simplifies data browsing (yes, it is possible on non-touchscreen phones!). "Quick Info" feature - view information without interruption of browsing.

- Fully customizable user interface. Field icon support for different data types, double/single line editing mode, different data layouts, field dividers.
- Over 30 predefined templates for most commonly used entry types: different credit/debit cards, various accounts (bank, E-mail, internet), calling cards, user names, passwords, hosts, websites, etc.
- Custom templates support. Define your own templates, specify fields, their data types and initial values.
- Direct operations on fields, call specified phone number, create SMS/MMS message, send E-mail, etc.
- Send data via different channels: IR/Bluetooth/SMS/MMS/E-mail
- Over 60 icons are available for predefined and custom templates, also for individual entries.
- Personal SMS Server (optional). If you have not your phone at hand, you can access information stored in X Safe anywhere by SMS. Just send authorized request to your phone, and requesting information will be sent back to you as a Short Message within few seconds.

Getting Started

Program installation

X Safe is a native Symbian program. There are 2 installation files in the distribution package (XSafe_S60.zip) for different platform version:

XSafe_S60.SIS – Installation file for Series 60 version 2.0 phones:

- **Nokia** – 3230/6260/6600/6620/6630/6670/6680/6681/ 6682/7610/N70/N90/N91
- **Panasonic – X800**
- **Samsung - SGH-D710/SGH-D720**
- **All other Series 60 version 2.0 mobile phones**

XSafe_S60v10.SIS - Installation file for Series 60 version 1.0 phones:

- **Nokia –3600/3620/3650/3660/7650/N-Gage/N-Gage QD**
- **Panasonic – X700**
- **Sendo – X/X2**
- **Siemens – SX1**
- **All other Series 60 version 1.0 mobile phones**

Install appropriate installation file on your mobile phone. Installation steps are similar to any other Symbian application installation (see your mobile phone user's guide for details). For Series 60 version 2.0 phone models full installation requires 167 Kb free disk space, for Series 60 version 1.0 phone models 317 Kb free disk space is required.

During the installation you will be prompted to install optional file: 'SMS Server'. If you want to be able to access your data anywhere by SMS service then check this option and press OK softkey to continue installation, otherwise leave this

option blank and press OK softkey to install X Safe without SMS Server. You can install SMS Server later by reinstalling X Safe.

Setting password

First time when you run X Safe the program will ask you to set password. Enter password, then you will be prompted to confirm it, enter the same password again. Please choose as random password as possible, containing different letters and numbers. It is recommended to choose password with more than 8 characters in length. When the password is set X Safe initializes secure database for the first time, this may take up to 10 seconds. At the end program's main screen appears, and you will see sample folders and entries in a tree view.

Next time when you start X Safe you must enter the password to access the program. You can change password later by invoking 'Change password' command from menu.

Data browsing and manipulation

- Use up and down arrow keys to move cursor.
- To open folder press OK (joystick center), or right arrow key.
- To close folder press OK (joystick center), or left arrow key.
- Current path is displayed at the top status bar. It is important because when you create new entries or folders they will be created in the current open folder (if no folders are open entry will be created in root folder).
- Pressing right arrow key on open folder will move cursor down to the next item.
- Pressing right arrow key on entry will display Quick Info window containing current entry information. Press any key other than right arrow and Quick Info window will disappear.
- Pressing left arrow key on entry will cause cursor jump to the parent folder.
- To view/edit entry press OK (joystick center) key.
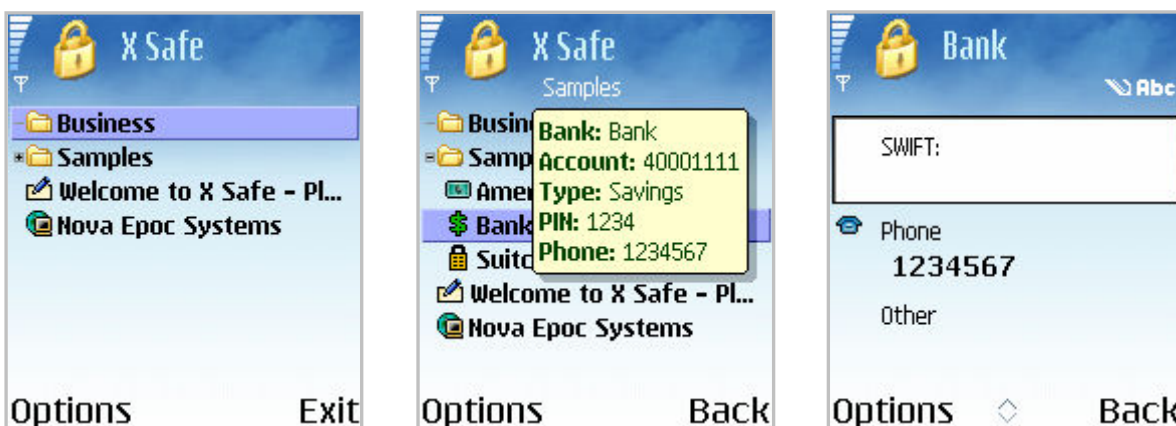
To create new entry, choose 'Options->New entry' command from menu. Template list will be displayed. Choose appropriate entry type and press OK

softkey. Entry will be created and placed in edit mode. Fill fields with information and press 'Back' softkey.

Detailed Description

Main menu commands

Following commands are available from the main 'Options' menu of X Safe:

- **Open** – Opens selected folder or entry. When opening entry it will be placed in edit mode.
- **Send** – Sends selected entry (or multiple entries if they were previously marked) via different communication channels: IR/Bluetooth/SMS/MMS/E-mail.
- **New entry** – Creates new entry and places it in edit mode. In the "Select type" dialog select appropriate template.
- **Delete** – Deletes selected folder or entry (or multiple folders/entries if they were previously marked).
- **Rename** – Renames selected folder. You will be prompted to enter new name of folder.
- **New folder** – Creates new folder in the current open directory. Please note that current path is indicated at the top status bar. If you want to create new folder in root directory then close open folders, or move cursor to the closed folder or entry in the root directory.
- **Mark/Unmark** – Marks or unmarks folders or entries.
- **Change Icon** – Changes icon of the selected entry. Icon selection dialog will be displayed.
- **Move to** – Moves individual folder or entry to another folder or root folder. Destination folder selection dialog will be displayed.
- **List view** – Switches program layout to List mode (items are displayed in standard listbox control).
- **Tree view** - Switches program layout to Tree mode (items are displayed in advanced tree view control that simplifies data browsing).
- **Templates** – View/create/edit templates.
- **Lock** – Locks the program. You must enter password to unlock it.

- Compact database – Compacts X Safe database. Time to time database file may contain unused space (due to nature of Symbian DBMS). Compacting helps to reduce database file size by freeing unused space in it. In most cases database compacting is not necessary because X Safe has auto-compact feature when unused space quota exceeds some predefined value.
- Settings – Displays settings dialog. You can set several program options in that dialog.
- Change password – Changes X Safe password. To change enter current password first, then new password, and at the end confirm the new password.
- Sms log – Displays log of SMS messages received by Personal SMS server (if enabled) and program responses to these messages.
- About – Shows information about the program.
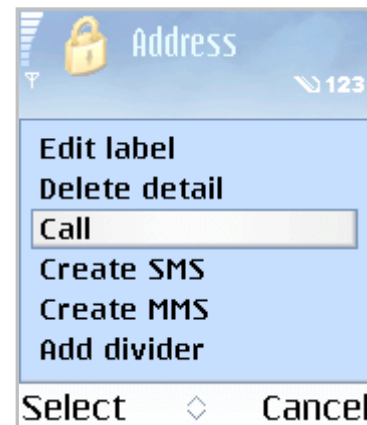- Exit – Quits the program.

Editing entry

To edit entry press OK (joystick center), or choose 'Open' command from main menu. Entry is also automatically placed in edit mode when it is first created.
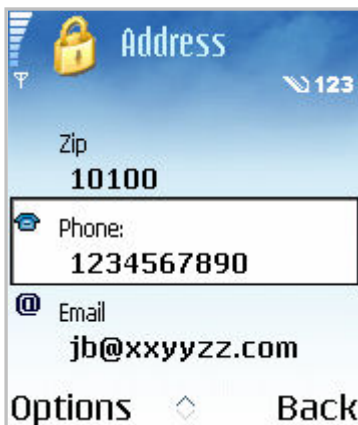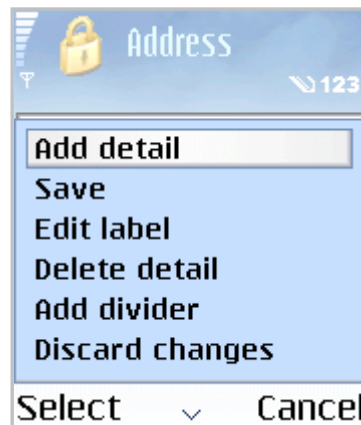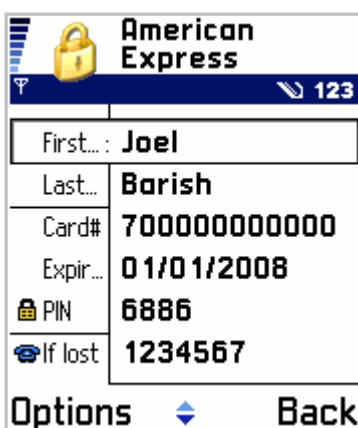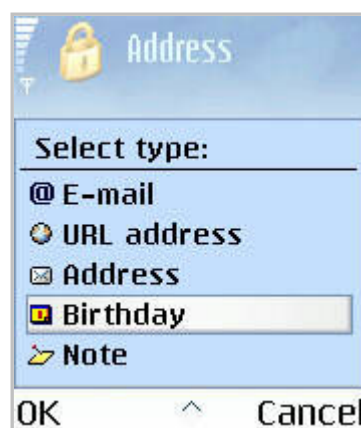

Entry edit mode   *'Options' menu in edit mode*   *'Options' menu for phone/mobile fields*

Field dividers in single line edit mode   *Add new field dialog*

You can add/remove/update fields while entry is in edit mode. From 'Options' menu you can invoke following commands:

- Add detail – Adds new field to the entry. Field will be inserted after the current field which has input focus. After selecting this menu item field type selection dialog will appear. Choose appropriate field type, press OK softkey and new field will be added to the entry.
  Following field types are defined:
    o Text – For text data: names, places, titles, etc.
    o Number – For numeric data: card numbers, account numbers, serial numbers, integer/real numbers, etc.
    o Date
    o Time
    o Password
    o PIN code
    o Phone
    o Mobile
    o Fax
    o Pager
    o E-mail
    o URL address
    o Address
    o Birthday
    o Note

- Save – Saves changes. Changes are automatically saved when you are leaving edit mode (by pressing 'Back' softkey). Therefore it is not necessary to use this command directly.
- Edit label – Edits field label. You will be prompted to enter field new label.
- Delete detail – Deletes current field which has input focus.
- Add/Remove divider – Adds or removes field divider. Using dividers is useful to group several fields together visually. Please note, that dividers are only shown in a single line editing mode (you can change editing parameters from settings dialog) on Series 60 version 1.0 phones (without skins)
- Discard changes – Discards all changes that have been made so far. It also discards field addition/removal.
- Delete entry – Deletes current entry (similar to the 'Delete' menu item from the main menu).

Additional menu items are available for special field types
Phone / Mobile fields:
- Call – Calls the number that is specified in field.
- Create SMS – Creates short message for the recipient that is specified in field.
- Create MMS - Creates multimedia message for the recipient that is specified in the field.
Password / PIN fields:
- Random password/PIN – generates random password/PIN code, you will specify the length of the password. Password is generated using different numbers and letters in upper/lower case. Password generator has an
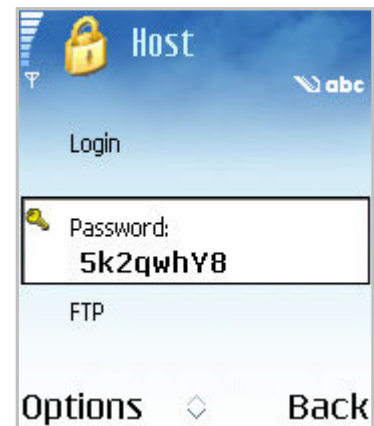
intelligent feature, it does not use letters and numbers that look very like to each other. Therefore you will never guess again which letter is correct in your password: '1', 'l', 'i', '0' or 'o'.
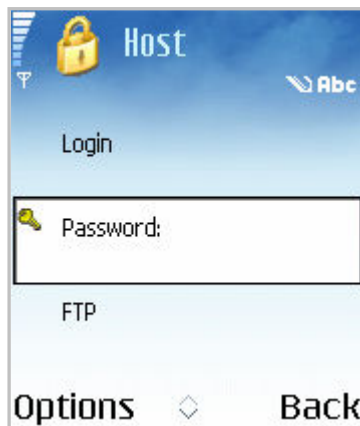
Password field
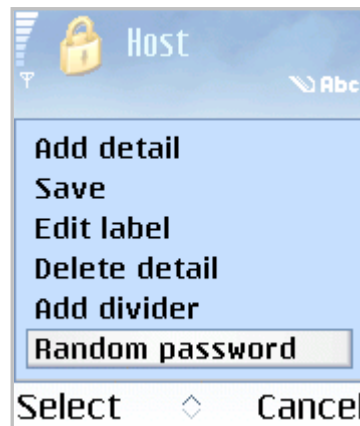
Password generator menu item

Generated password

'Tree view' and 'List view' modes

Program's main screen uses tree view layout by default. New tree view control is very convenient and user friendly on Series 60 platform. If you want to display entries using classical list control you can choose 'List view' mode by invoking 'Options->List view' command, or alternatively you can change default program layout from the setting dialog.

Tree view mode


List view mode

'Quick Info' feature

X Safe has an advanced feature to quickly display entry content in a popup window. To view Quick Info move cursor to appropriate entry and press right arrow key of joystick.
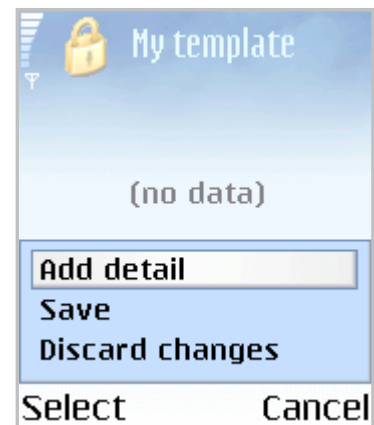
Templates

There are over 30 predefined templates that you can use with X Safe. You can also define custom templates. To view all templates, or add/remove/update custom templates, use 'Options->Templates' command from main menu.
Please note that you can not delete or update standard templates, you can perform these operations only on custom templates.
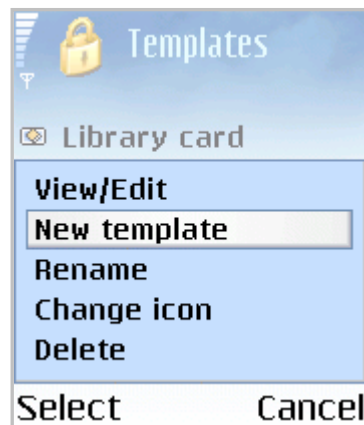
Template list	*Template list menu items*	*Menu items when editing template*

Icons

There are over 60 icons that you can use for your entries and templates. To change default icon of entry move cursor to the entry and select 'Options->Change icon' command.
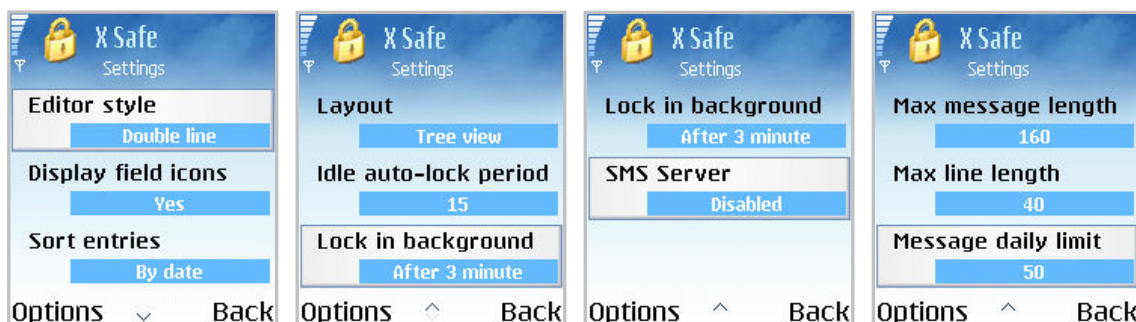
Settings

Use 'Options->Settings' menu command to display settings dialog. In this dialog you can change several setting options:

- Editor style – Single line/Double line(default). Determines which editor style will be used when editing entries or templates. Single line is more compact, double line style editor can display long labels and contents of fields.
- Display field icons – Yes(default)/No. If set to 'Yes' displays field type icons when editing entry or template.
- Sort entries – By name/By date(default). Determines entry sort order: by name or by creation time.
- Layout – List view/Tree view(default). Program's main screen layout.
- Idle auto-lock period – Sets program auto-lock period when there is no user activity. By default is set to 15 minutes. Maximum available value is 30 minute.
- Lock in background – Immediately/After 3 minute(default)/Do not lock. Specified lock action will take place when the program goes to background.
- SMS Server – Enabled/Disabled(default). Enables/Disables SMS Server. Please note that SMS Server must be installed to enable it, otherwise this option has no effect.

If SMS Server is enabled additional setting options will be available:
- Max message length – Maximum length of response SMS (160 by default). If maximum length is more than 160 then long text response may take more than one message.
- Max line length – Maximum length of line in the response message (40 by default).
- Message daily limit – Limit on message count that are sent during past 24 hours (50 by default).

Different setting items

Program blocking

If you type your X Safe password incorrectly 3 times when entering the program, X Safe will be automatically blocked for 3 hours. That means you will not be able to type password again during 3 hour. Therefore please be careful when typing your password.

Personal SMS Server

In case you need to access information stored in X Safe when you have not your phone at hand, you can use Personal SMS Server. Installation of SMS Server is optional, and at the X Safe installation process you must check 'SMS Server' optional component in order to install it. If you did not install SMS server at the X Safe installation you can reinstall X Safe and check 'SMS Server' checkbox when you are prompted to install optional components.
If SMS Server is installed, the next step to activate SMS Server is to set 'Enabled' SMS Server option in the settings dialog (it is disabled by default for the security reasons).
When SMS Server is activated you can access data stored into X Safe by SMS anywhere. To request data from your phone you must send an SMS to your phone number. Request message format is:

//xsafe password searchtext

'password' is your current X Safe password that you use to access the program. 'searchtext' is a text that will be searched in X Safe database, all string fields and entry names will be searched. You can use white spaces in the 'searchtext'. Wildcards are allowed, you can use * and ? wildcards. * - means that any text will be matched in the specified place, ? – means that any character will be matched in the specified place. Default * wildcards are always assumed at the beginning and at the end of 'searchtext'. There is a special form of 'searchtext': #NUMBER When using this form entry with the specified unique number will be returned, no text search will take place. #NUMBER expression is often used to specify exact entry after the previous search request that has returned several alternatives.
When SMS Server receives request, it finds all entries that match search text and sends back a response SMS. If the search returns exactly one entry then this entry will be sent back in formatted text form. If there are several entries that match the search text then list of all entry numbers and names will be sent back. If the search does not give results then appropriate note is sent back.
Below are few examples of using SMS Server:
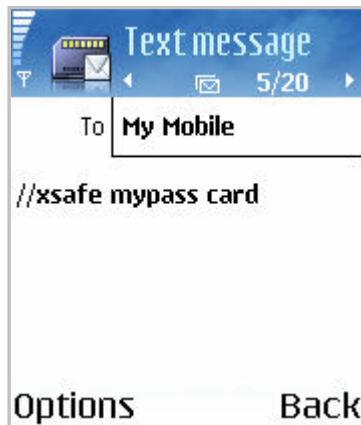
Request
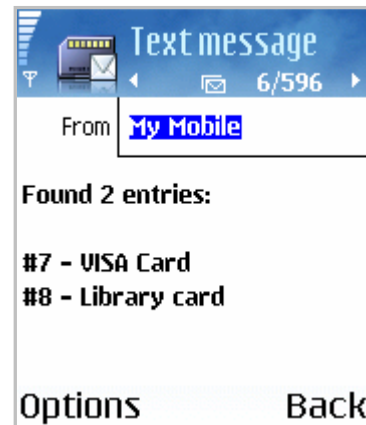
Response
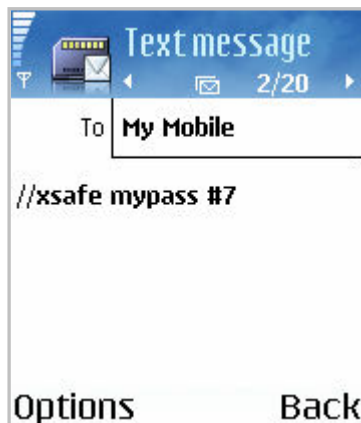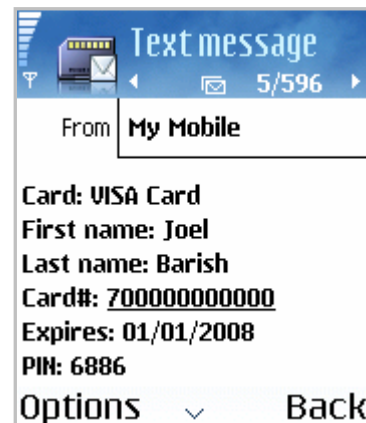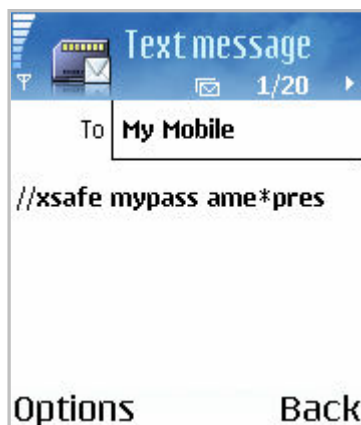
Request

Response

Request
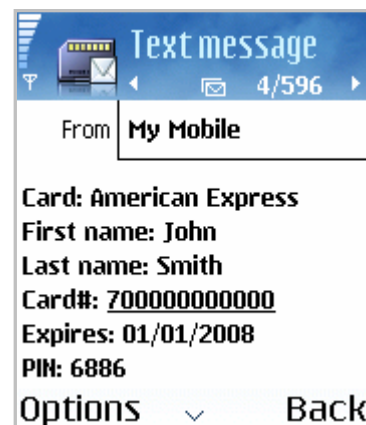
Response

To view log of all received SMS commands and responses invoke 'Options->Sms log' from main menu.

WARNING: Please be aware that transition of your password and data through SMS (Short Message Service) channel is not secure, and may be viewed by other parties (telecom employees for example). <u>Therefore we do not suggest you to use SMS server when you are storing highly confidential information into X Safe.</u> <u>Nova Epoc System is not responsible for any problems, and particularly information security, that may be connected with using SMS Server</u>.

Data backup

X Safe does not provide support for automatic data backup. However you can backup your X Safe data by copying content of 'C:\System\Apps\XSafe\data\' or 'E:\System\Apps\XSafe\data\' (in case you have installed X Safe on MMC) folder from your mobile phone to your PC or other storage. If you need to recover your data simply copy this folder back to your phone.

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