CipherLab

User Guide

AppLock

for

Windows Embedded Compact 6.0 CP60

9700

Windows Embedded Compact 7.0 CP55

Version 2.00

CIPHERLAB

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RELEASE NOTES

Version	Date	Notes
2.00	➢ Sep 2, 2016	➢ Update 1.2 Launch AppLock ➢ Update 1.3 Use AppLock for the 1st Time ➢ Update 2.2.1 Open Menu ➢ Update 2.2 Menu ➢ Update 2.3 Toolbar ➢ Update 2.4 Working Views ➢ Update 2.5 Login ➢ Remove 2.6 Delete All (the old-version 2.6) ➢ Add 2.6 Addition of Shortcuts to User Level ➢ Update 2.7 Edit ➢ Move Refresh from 2.7.4 (the old-version 2.7.4) to 2.4.4 ➢ Add 2.12 Reset
1.03	Nov 03, 2015	➢ Rewrite chapter 3: Localization ➢ Update screen shots and texts of 2.4 Working views, 2.7 Edit, 2.8 Export/ Import, 2.10 Options, and 2.12 Exit AppLock ➢ Update screen shots of 1.3 Use AppLock for the 1st Time, 2.2.1 Open menu, 2.4.3 Auto start view, and 2.11 About ➢ 2.8 Export/ Import : Change the file format to .xml ➢ 2.4 Working views: Add Auto Run Sequence and Auto Start Delay; remove *Changing the directory…* from 2.4.2. ➢ 2.10 Options: Add Sort Items; move *Show Programs and Control Panel in One Screen* from Display to Security; add 2.10.4 Indicator Tab page
1.02	Oct 23, 2014	➢ Update message box screenshots – add program title ➢ Remove login name from login screen in 1.3 Use AppLock for the 1st Time ➢ Update Import and Export file viewer screens in 2.8 Export/Import ➢ Revise 2.10.3 Security Tab Page – remove login name and add Require password on exit ➢ Revise exit steps in 2.12 Exit AppLock – add password lock ➢ Revise language configuration file path in 3.2 Language File ➢ Revise note for applying changes in 3.4 Change Default Language
1.01	June 19, 2014	➢ Supports CP55 and 9700 ➢ Add 1.4 Enter Activation Key (For CP55 Only) ➢ Remove “Enable start menu” option from 2.10.1 General Tab page ➢ Add “Disable Control Panel selection from the menu” option to 2.10.3 Security tab page ➢ Add note to 2.9 Key Lock (Administrator only): Different keys available for locking on CP55/CP60/9700
1.00	Oct 25, 2013	➢ Initial Release: Supports Windows Embedded Compact CP60

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INTRODUCTION

Developed for Windows Embedded Compact 6.0 CP60, 9700 and Windows Embedded Compact 7.0 CP55, AppLock controls the interface provided to users. It dominates over the O.S. and limits the system resources made available to users. Properly tuned, AppLock gives way to ordinary working applications while locking out those that are not so productive.

If you have a collection of mobile computers, you can apply a uniform user environment to the entire group without the need of great time and effort. This can be done easily by reduplicating a copy of master settings to your entire set of mobile computers. A language file is also editable for localization to provide multi-language support.

This manual covers installation and usage of AppLock. We recommend that you read this document thoroughly before starting, and keep a copy of this manual at hand for quick reference.

Thank you for choosing CipherLab products!

FEATURES

- Supports CipherLab Windows Embedded Compact 6.0 and 7.0 mobile computers
- Full control over system services
- Limits the accesses to crucial system settings
- Locks out unproductive applications
- Auto-launched productive applications upon system startup
- Superuser account for administration of operating system
- Supports importing and exporting settings to separate configuration files
- Key lock function prevents triggering undesired activities by accidentally pressing keys
- Localization support
- Allows showing/hiding and enabling/disabling the taskbar of the operating system

Chapter 1

SETUP

This chapter guides to the setup of AppLock, which is a simple task that takes just a few clicks to activate the installer and go through the installation.

This chapter also covers the 1st launch of the application and the preparation steps to take before everyday usage.

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1.1. INSTALL

AppLock is presented in a compressed archive that yields two installation files, an .exe and .cab file. Installation can be completed with two approaches.

Each installation file is able to launch AppLock independently. Users can handle the setup either on the mobile computer or from the comfort of their Windows-based PC.

The two approaches are explicated in the following.

1.1.1. INSTALL FROM PC

Installation from PC relies on USB connection as well as sync partnership between the PC and mobile computer via ActiveSync.

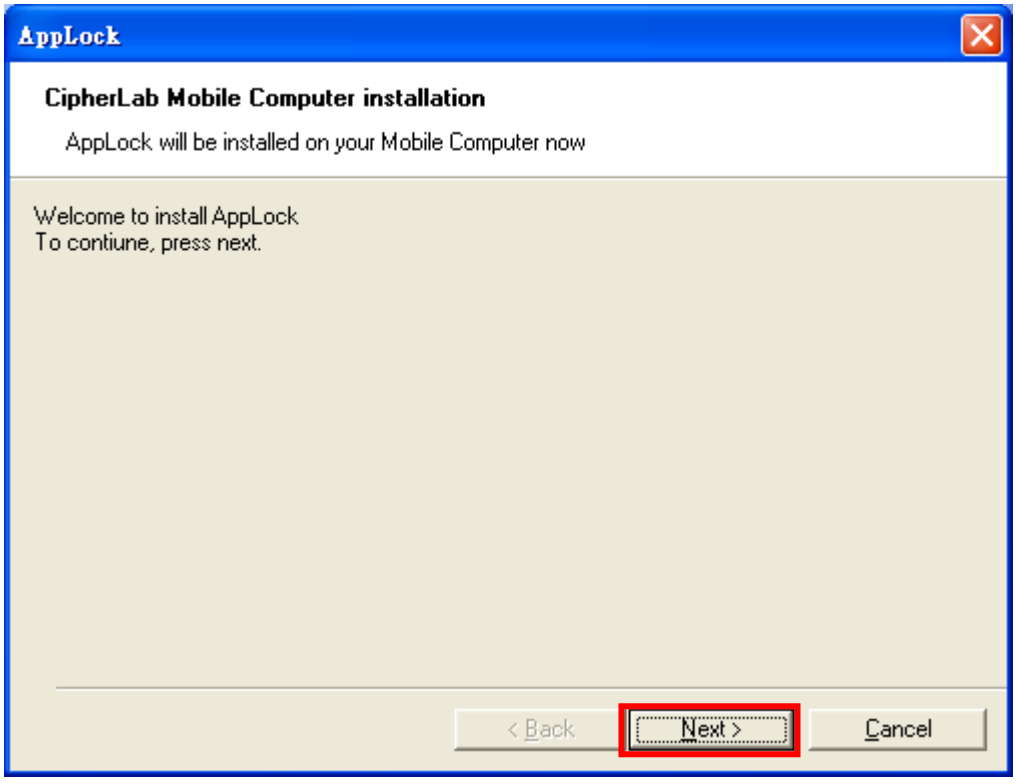
To install AppLock from your PC:

1) Set up USB connection between PC and mobile computer.
2) Run ActiveSync on PC.
3) Establish sync partnership between two computers.

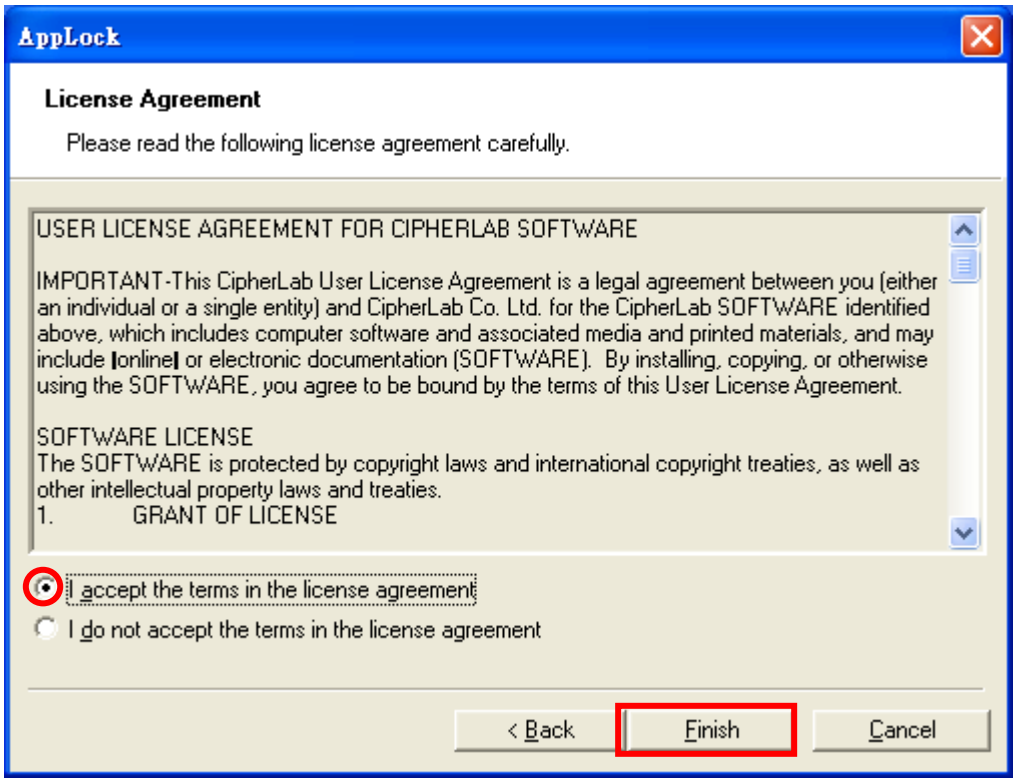
   For details about sync partnership between two computers, see the Reference Manual of the mobile computer.

4) On PC, run the executable file AppLock_X.XXXX.exe. (X specifies the version).

   Click **Next** to proceed.

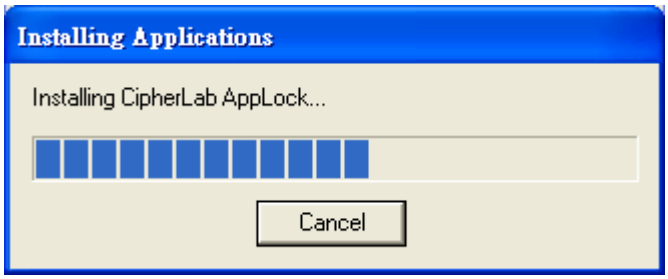


5) You are led to a **License Agreement** window. Select **I accept the terms in the license agreement**. Click **Finish** to proceed.

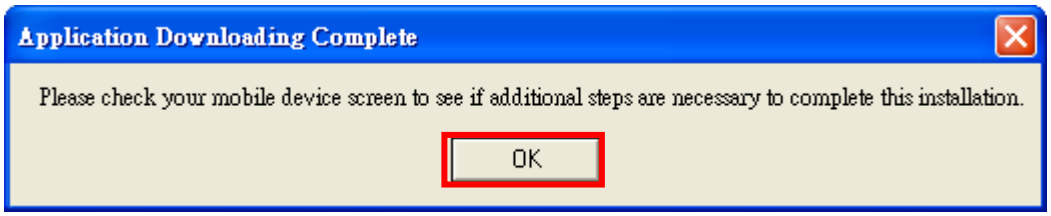


6) An inquiry box shows confirming whether to install AppLock to the default directory. Click **Yes** to confirm.

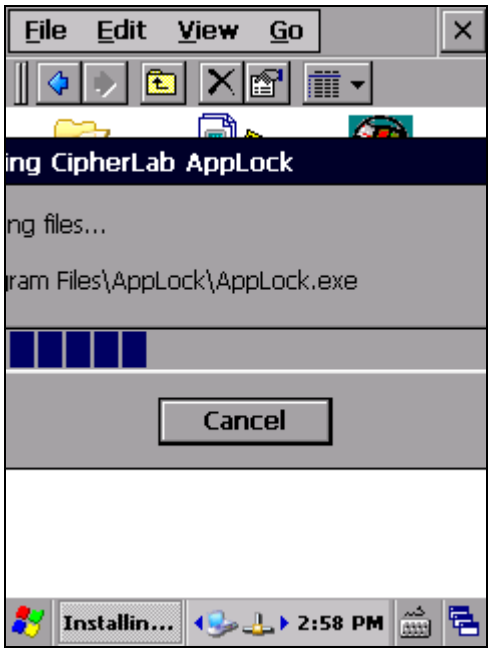
The wizard then starts to offload AppLock to the synced mobile computer.



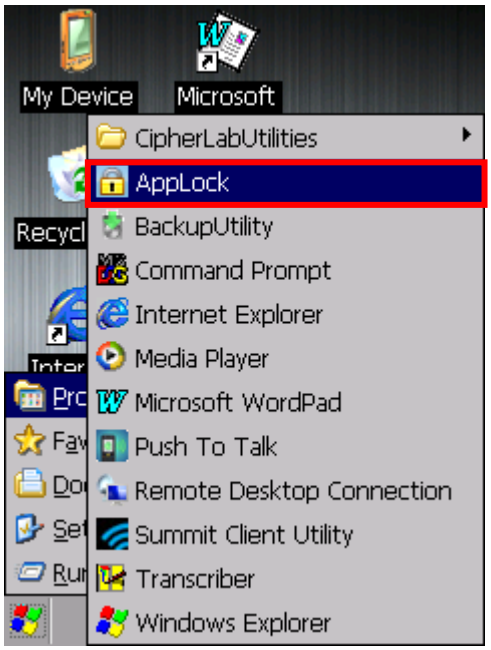
7) Once offload finishes, a dialog opens prompting you to check on the mobile computer. Click **OK**



8) Check the mobile computer, which shows a dialog indicating installation is in progress.



The installation is completed in a few seconds. Once through, an icon for AppLock will be added to the Programs menu under **Start** | **Programs**.



9) Proceed to launch the application as described in Launch AppLock.

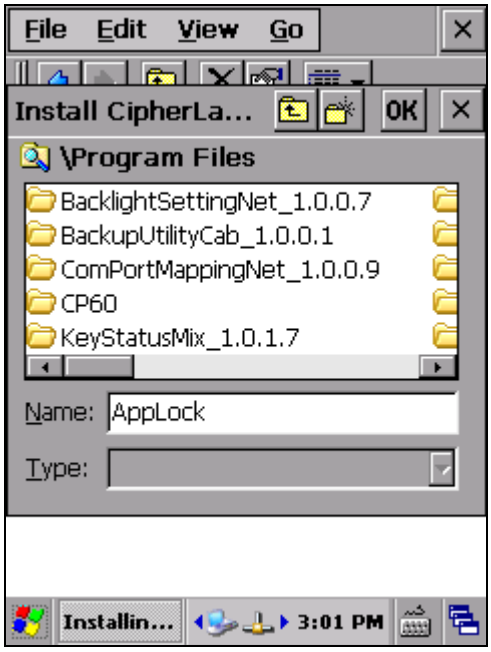
1.1.2. INSTALL FROM MOBILE COMPUTER

Installation from the mobile computer relies on the .cab file extracted from the compressed archive. The mobile computer needs a copy of this .cab file in its storage (either internal or external storage will do).

To install from mobile computer:

1) Copy AppLock_X.XXXX.cab (X for the version) to the mobile computer, either internal or external storage.
2) On the mobile computer, open **My Device** (File explorer).
3) Browse to the .cab file.
4) Double-tap the .cab file.

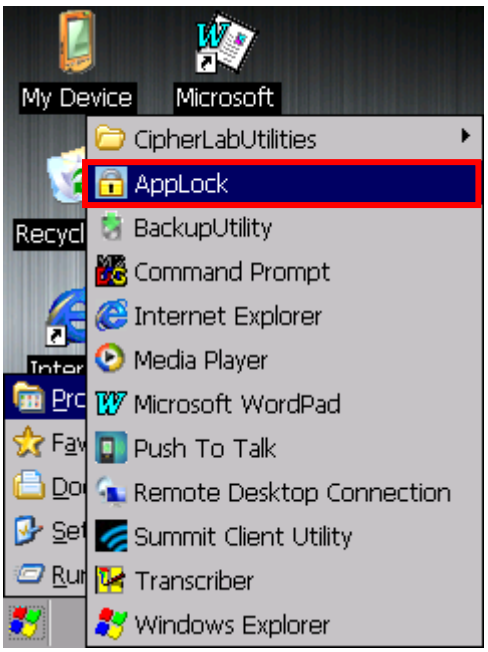
   Installer starts. A screen opens prompting you to choose the location to install AppLock. Browse to the desired location and tap **OK** on the title bar of the dialog box.



5) A dialog opens indicating the installation is in progress.



The installation is completed in a few seconds. Once through, an icon for AppLock will be added to the Programs menu under **Start** | **Programs**.

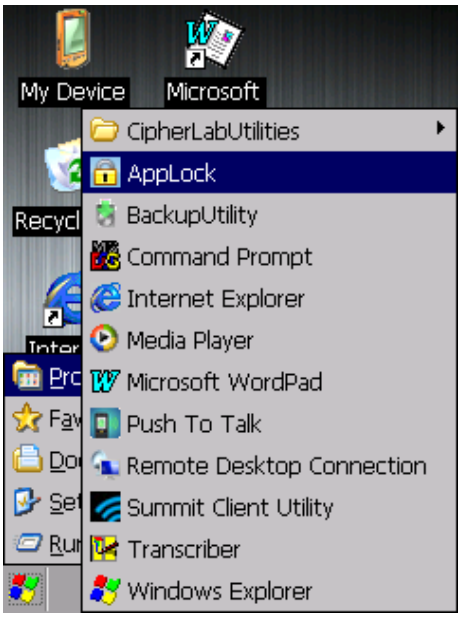


6) Proceed to launch the application as described in Launch AppLock.

1.2. LAUNCH APPLOCK

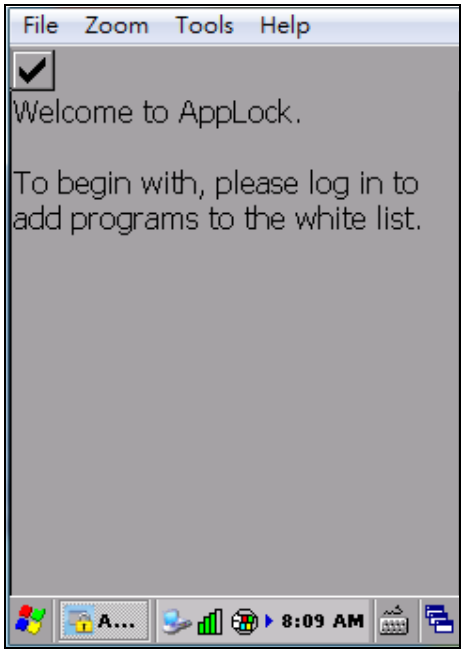
Follow the steps below to launch AppLock:

1) Tap **Start** | **Programs** to open the Programs menu.



2) Tap **AppLock** .

A greeting message is shown when AppLock is launched for the first time. Tap  to continue.



1.3. USE APPLOCK FOR THE 1ST TIME

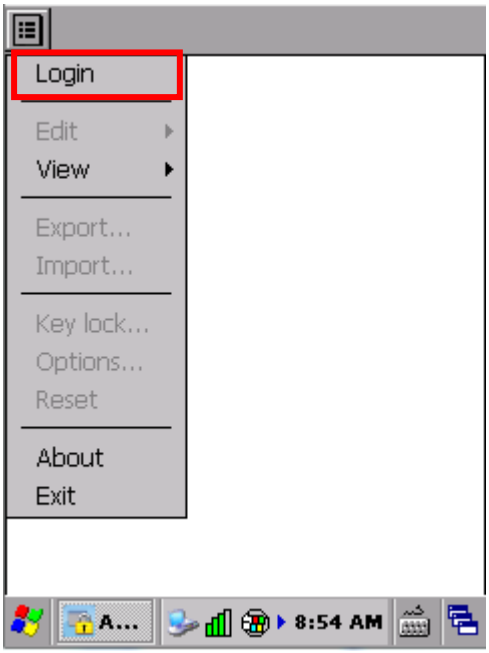
AppLock applies User level that sets limits to AppLock's advanced functions. See Viewer Levels for more details.

By default, no login password is set, which means AppLock doesn't have an administrator account yet. The full functionality is open to anyone who logs in to AppLock.

Log in to AppLock to access full functionality:

1) Launch the application as described in Launch AppLock.
2) Tap the menu button  on the top left corner of the screen.
3) Tap **Login**.

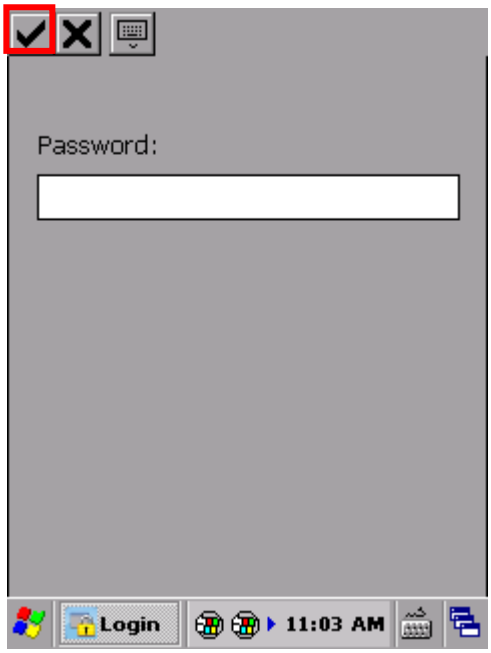
   Login screen opens.



4) Tap  on the top left corner.

After tapping , full functionality of AppLock becomes available, and a toolbar  appears at the top of the screen.

Create an administrator account to enhance security for Administrator level operation. See Security Tab page for more details.



1.4. ENTER ACTIVATION KEY (FOR CP55 ONLY)

If an activation key is available, enter it into AppLock to activate the application. To do so perform the following:

1) Launch the application as described in Launch AppLock.

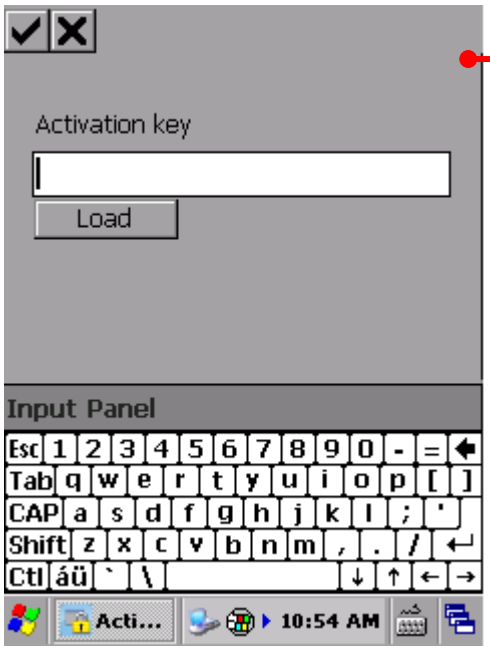
Tap the menu button .

OR

Log in as described in Use AppLock for the 1st Time.

Tap the menu button .

2) Tap **Activation key…** in the AppLock menu.



Activation settings page

3) Enter the activation key either by tapping the onscreen keyboard or pressing the physical keypad.

Then tap to submit the key and activate AppLock.

OR

Tap to ignore activation and start trial use.

If no activation key is entered, the Activation screen appears every 20 minutes to remind users the application is in trial mode. Contact the CipherLab sales representative in your local area for licensing and royalty thereof.

Note: No activation key is needed on CP60 and CPT9700.

Chapter 2

USE APPLOCK

This chapter will walk you through the application's menu, toolbar and main working views. A few sections are also included to describe the user levels. Also discussed are the preference settings that control how AppLock acts each time it is used.

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2.1. VIEWER LEVELS

AppLock's "Viewer Levels" allows using the mobile computer in 2 levels:

User: An ordinary user who uses the operating system for day-to-day tasks. He/she is normally blocked from adjusting certain system settings and relatively unproductive applications.

Administrator: A superuser account with administrative privileges over the operating system. An administrator (most of all) doesn't use the operating system for daily tasks but manages it and prepares it for ordinary users. The administrator is able to tailor which application and which system setting is available to users.

Such user levels are implemented through menu completeness, which relies on login/logout, which is detailed in the following section Menu.

2.2. MENU

Same as most software products, AppLock features a command menu to receive instructions and thus take actions.

However menu availability to administrator and users are different:

- **User level**: Before logging in AppLock, AppLock provides users with a pared-down menu. Users can only switch between two working views, change the input method and view version information. –
- **Administrator level**: After logging in AppLock, AppLock provides the administrator with a completely functional menu plus a toolbar. The administrator has full access and full control of system services.

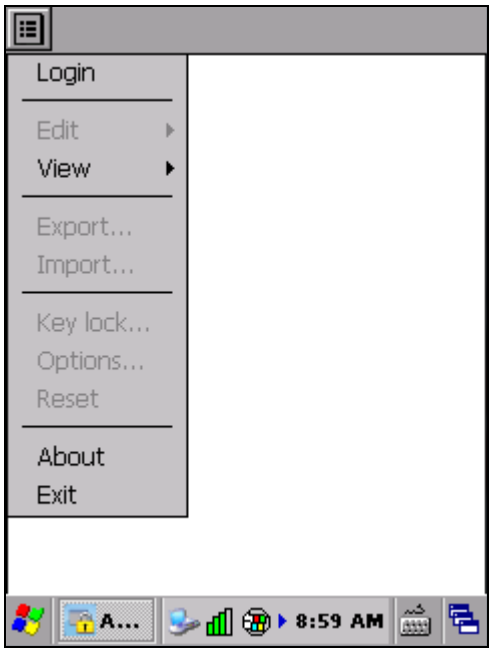
Menu items are respectively detailed in Working Views, Login (Administrator Only), Edit (Administrator Only), Key Lock (Administrator Only) and Options (Administrator Only).

2.2.1. MAIN MENU

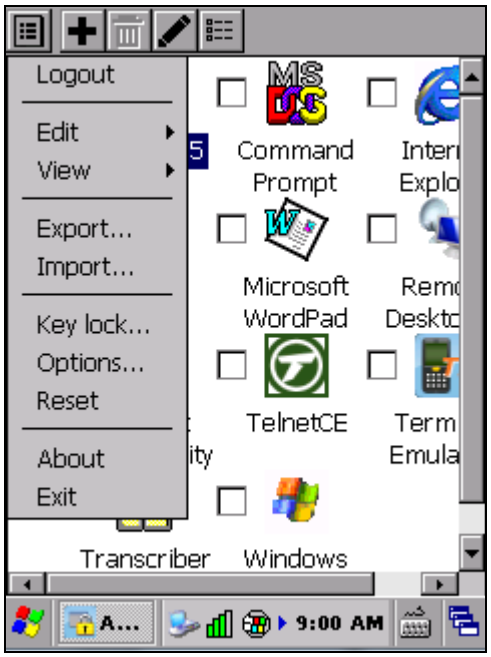
To open the AppLock menu:

10) Tap the menu button  on the toolbar to open the main menu.

User Level Menu



Administrator Level Menu



2.3. TOOLBAR (ADMINISTRATOR ONLY)

If you are logged in as an administrator, AppLock also features a toolbar at the top bearing a few onscreen buttons to quick-launch some actions.



Icons	Description
	Opens AppLock menu so instructions can be given to AppLock to cause actions. ➢ See also Menu.
	- Adds an application onto **Programs** view. - Adds a system setting onto **Control panel** view. ➢ See also Add.
	- Removes the selected application from **Programs** view. - Removes the selected system setting from **Control panel** view**.** ➢ See also Delete.
	- Edits the application selected in **Programs** view. - Edits the system setting selected in **Control panel** view. ➢ See also Update.
	➢ Switches the screen between **Details** view and **Large Icons** view.

2.4. WORKING VIEWS

AppLock has three screens for its core working area: **Program** view, **Control panel** view and **Auto start** view. AppLock relies on them to deliver its key performance.

Program view and **Control panel** view are the basic interfaces on which users operate the mobile computer. **Programs** view lists applications available for usage, and **Control** panel view lists system settings.

Program view and **Control panel** view are accessible to both users and the administrator, but only the administrator is able to make changes. **Auto start** view is only viewable and editable by the administrator.

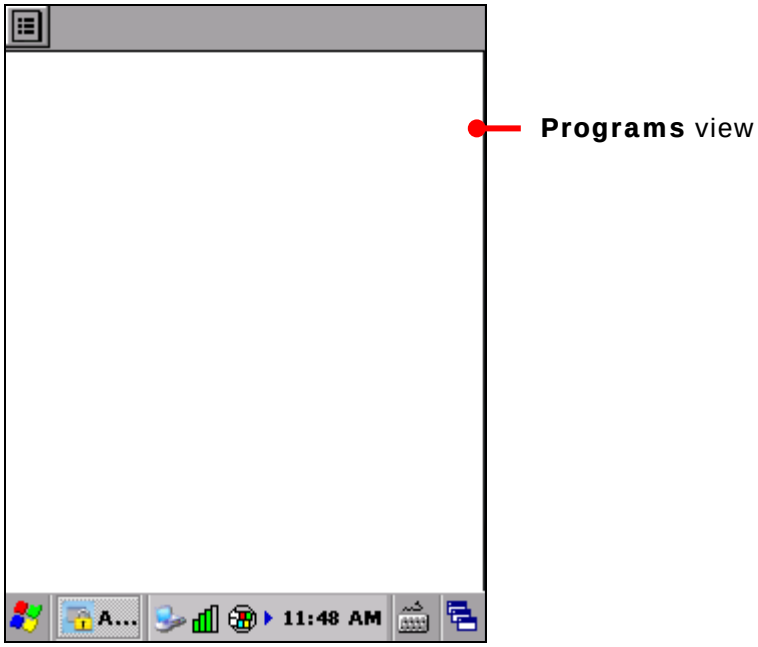
2.4.1. PROGRAMS VIEW

Programs view delivers available applications to users. For administrator, it adds application(s), or removes/edits a selected application.

BEFORE LOGGING IN

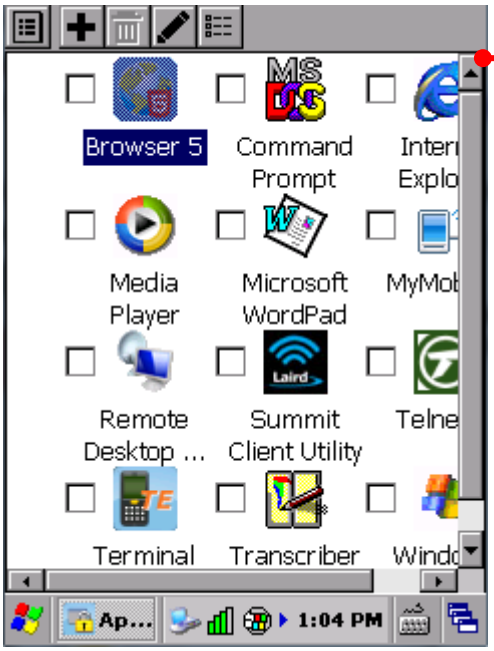
The **Programs** list view represents a white list of application programs that are allowed to be executed by the user.

The administrator decides which programs can be added to the white list.



AFTER LOGGING IN

A full list of application programs is shown after the administrator logs in. Then, the administrator can pick which programs can go into the white list.



Programs view for administrator

Programs view lists all applications in **\Windows\Start Menu\Programs** by default.

When **Programs** view opens, it shows the applications with checkboxes on the left for administrator to check those allowed to users. See Addition of Shortcuts to User Level.

Note: When "Show Programs and Control panel in one screen" is enabled under **Menu** | **Options...** | **Display** tab page, both **Programs** view and **Control panel** view will appear in the application window. See Show Programs and Control panel in one screen for more details.

PROGRAMS VIEW OPERATIONS (ADMINISTRATOR ONLY)

Actions to change **Programs** view are:

- Adding application(s) to **Programs** view.

  Supported are applications of .EXE, .BAT and .CAB formats.

  See Add for details.
- Removing an application selected in **Programs** view.

  See Delete for details.
- Editing an application selected in **Programs** view.

  See Update for details.
- Restoring **Programs** view to default state.

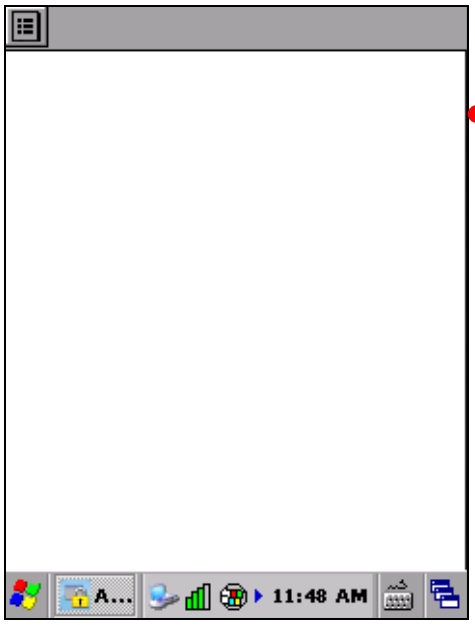
  See Refresh for details.

2.4.2. CONTROL PANEL VIEW

All system settings are available in the **Control Panel** view. The administrator can select which **Control Panel** items are visible to the user from this view.

BEFORE LOGGING IN

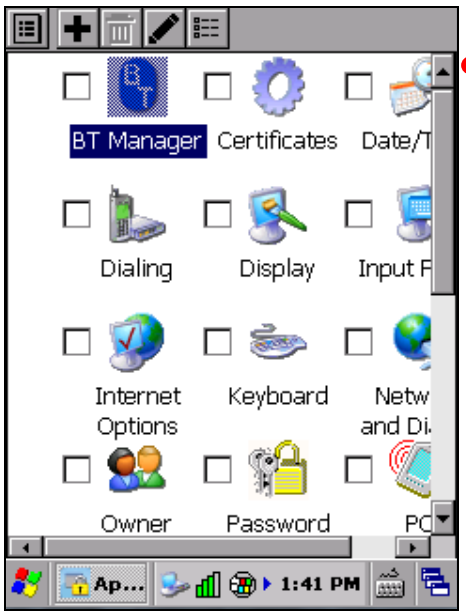
The **Control Panel** list view represents a white list of system setting programs that are allowed to be executed by the user.
The administrator decides which programs can be added to the white list.



Control Panel view

AFTER LOGGING IN

A full list of system setting programs is shown after the administrator logs in. Then, the administrator can pick which programs can go into the white list.



Control panel view for administrator

When **Control Panel** view opens, it shows all system settings with checkboxes on the left for administrator to check those allowed to users. See Addition of Shortcuts to User Level.

Note: When "Show Programs and Control panel in one screen" is enabled under **Menu** | **Options...** | **Display** tab page, both **Programs** view and **Control panel** view will appear in the application window. See Show Programs and Control panel in one screen for more details.

ACTIONS TO CHANGE (ADMINISTRATOR ONLY)

The actions to change **Control panel** view are:

- Adding one or more system setting(s) to **Control panel** view.

  Supported are settings of .EXE, .BAT and .CAB format

  See Add for details.
- Removing a system setting selected in **Control panel** view.

  See Delete for details.
- Editing a system setting selected in **Control panel** view.

  See Update for details.
- Restoring **Control panel** view to default state.

  See Refresh for details.

2.4.3. AUTO START VIEW (ADMINISTRATOR ONLY)

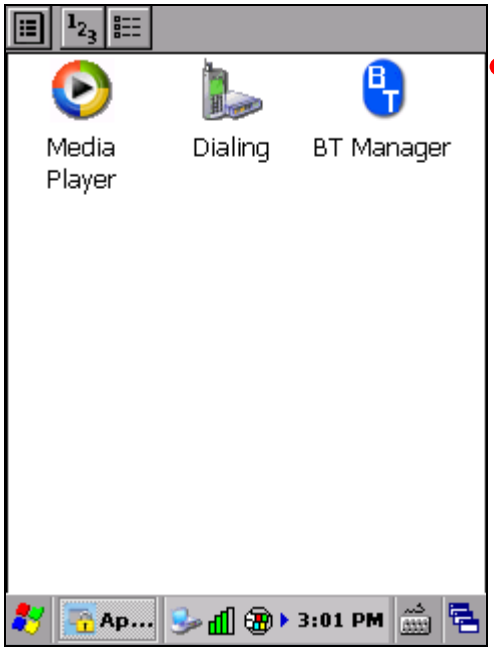
Auto start view is available to the administrator only. It delivers the applications and system settings set to execute automatically each time AppLock launches. The view also features adjusting the sequence of auto-run applications or system settings.

OPEN AUTO START VIEW

To open **Auto start** view:

1) Tap menu button  on the toolbar.
2) Tap View | **Auto start**.

   Auto start shows the application(s) and/or system setting(s) set to auto-launch when AppLock is opened. Edit it to suit your needs as described in Actions to Change.



Auto start view

Programs or Control Panel items added to this view will be automatically executed at each AppLock launch.

ACTIONS TO CHANGE

Actions to change **Auto start** view are:

- Adding application(s) or system setting(s) to **Auto start** view.

  Supported are applications and settings of .EXE, .BAT and .CAB format.

  See Add for details.

- Removing an application or a system setting selected on **Auto start** view.

  See Delete for details.

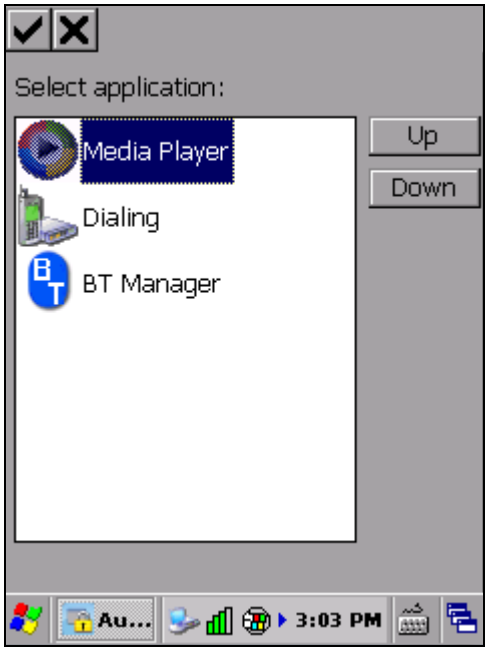
- Editing an application or a system setting selected on **Auto start** view.

  See Update for details.

AUTO RUN SEQUENCE

Changing the **Auto Run Sequence**:

1) Tap icon  on the toolbar.
2) Select an application or a system setting and tap Up or Down on the right side of the screen, the sequence of auto-run can be adjusted.



Once the sequence of these applications and system settings is set, next time when AppLock is launched on this mobile computer, the system will automatically start these programs based on this sequence.

AUTO START DELAY

This fuction is to postpone the automatic start of a program.

The auto start delay time, which ranges from 0 to 60 seconds, can be adjusted through Update.

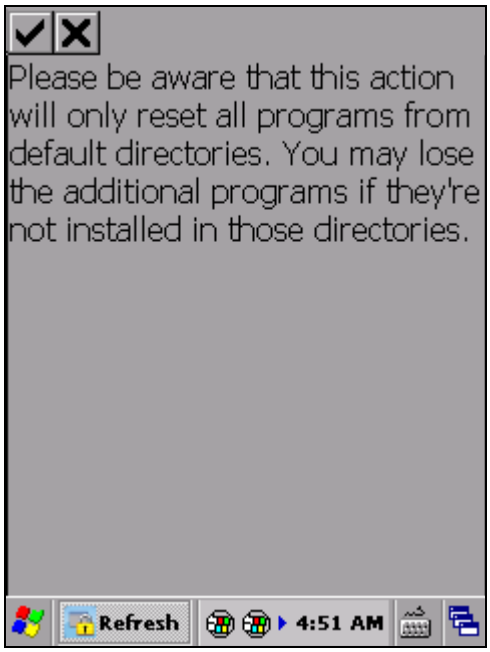
2.4.4. REFRESH (ADMINISTRATOR ONLY)

Refresh means to "restore" the list in **Programs** view or the **Control panel** view to its original state. Please note this feature is not available in the **Auto Start** view. Shortcuts in the **Auto Start** view depend on their availability in the **Programs** view or the **Control Panel** view.

To use **Refresh**:

1) Under either **Programs** view or **Control Panel** view, tap menu button  | **View** | **Refresh**.

   A warning page opens notifying that all settings to additional programs (which are not placed under the specified directories) will be lost.



Warning dialog

2) Tap  to confirm restoration.

   The list in **Programs** view or **Control panel** view then restores to default state.

OR

Tap  to quit this function.

Once **Programs** view restores to default, application(s) are cleared off **Auto start** view according to default settings.

Once **Control panel** view restores to default, system setting(s) are cleared off **Auto start** view according to default settings.

Note: **Refresh** button restores applications and system settings from the default directories within the operating system. Any additional programs which are not placed in these directories will not be restored via this function.

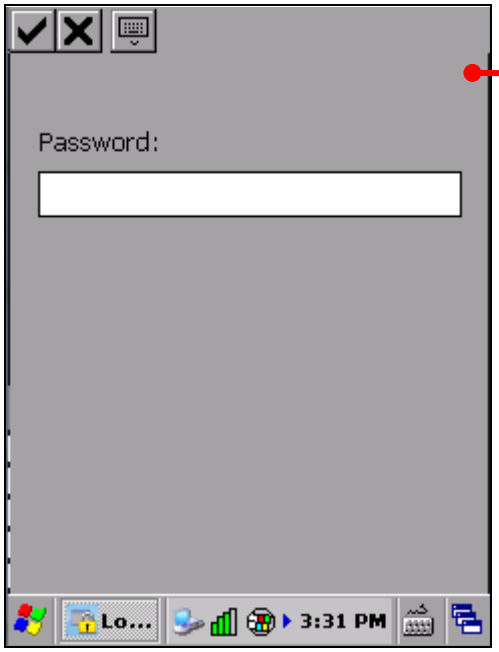
2.5. LOGIN (ADMINISTRATOR ONLY)

Log in to AppLock to obtain administrative access of the operating system, and manage and prepare system services for multiple users. An administrator is able to determine which applications and system settings are accessible to ordinary users.

OPEN LOGIN PAGE

To open **Login** page:

1) Tap menu button  on the toolbar.
2) Tap **Login**.



3) Enter the login password.

   Both are case insensitive. Maximum 20 characters allowed.

4) Tap  on the toolbar.

If the login password is correct, you are then logged in.

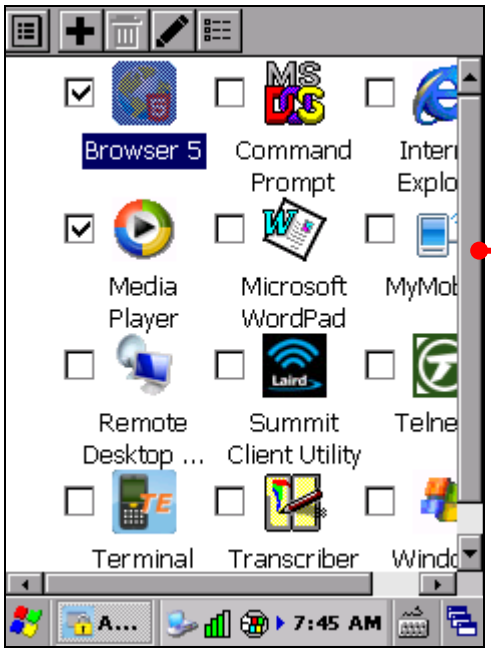
Upon logging in, the menu and toolbar become fully available for use.

To set up an administrator account, see Security Tab page for details.

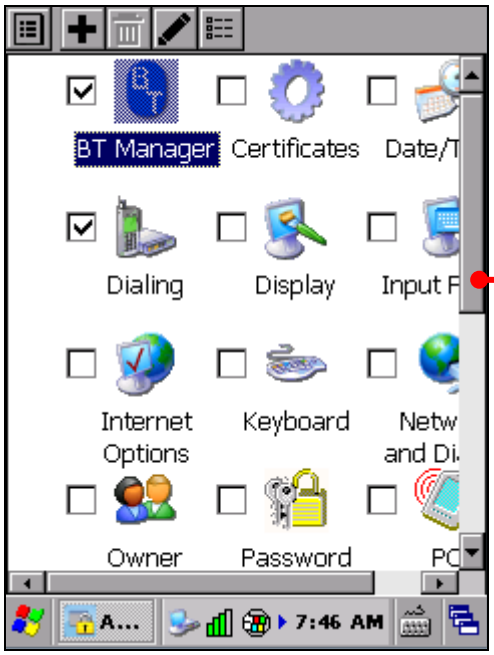
2.6. ADDITION OF SHORTCUTS TO USER LEVEL

After logging in to AppLock, the administrator has the authority to add shortcuts showing on **Programs** and **Control Panel** views for the user.

Tap the checkboxes on the left of the screen to select the shortcuts of applications or system settings set to be available for **User level**.

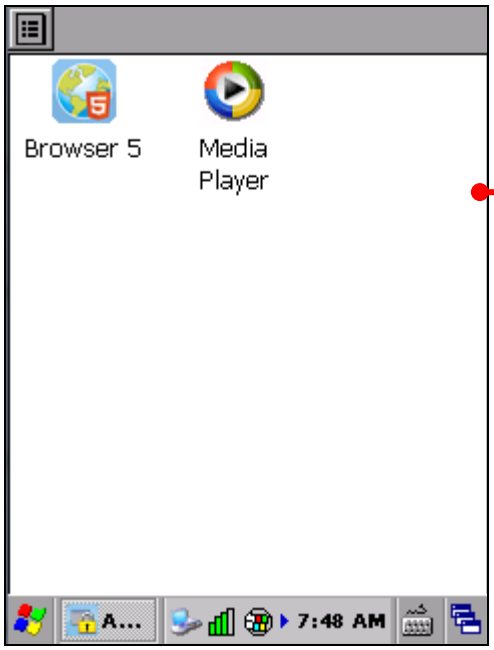


Programs view (**Administrator level**)

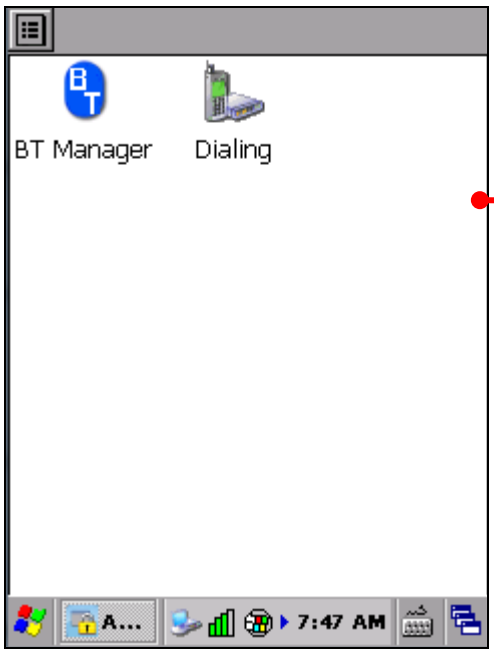


Control Panel view (**Administrator level**)

These selected shortcuts become visible on **User level**.



Programs view (**User level**)



Control Panel view (**User level**)

2.7. EDIT (ADMINISTRATOR ONLY)

Edit is an administrator-only menu item that features three sub-items: **Add**, **Delete**, and **Update** to make changes to **Programs** view and **Control Panel** view; it is not applicable for **Auto start** view.

Some of their sub-items feature a settings page for the administrator. This section will go through these pages.

2.7.1. ADD

This feature makes a **Programs** or **Control Panel** item available to the administrator in the **Programs** or **Control Panel** view.

Add is not applicable for **Auto start** view.

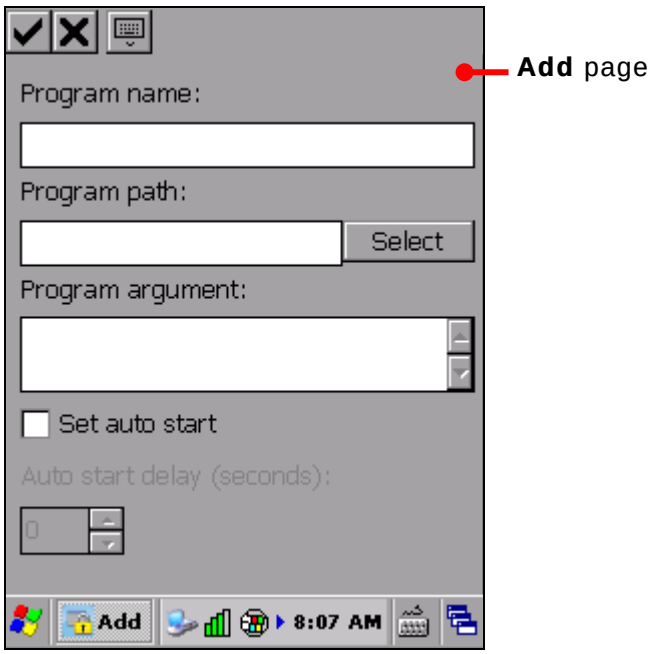
To open the **Add** page on a working view:

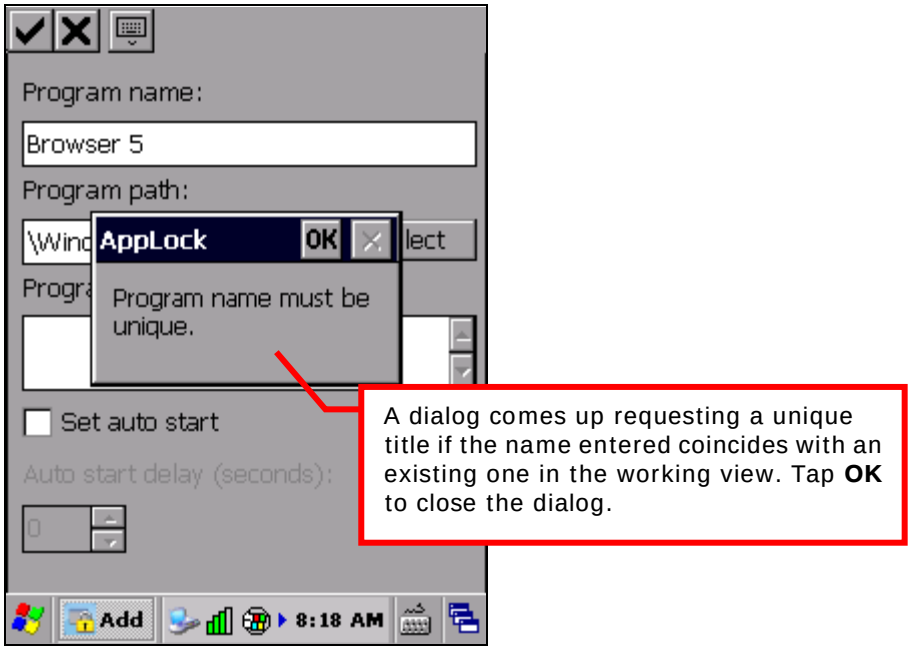
Tap menu button  | **Edit** | **Add…**.

OR

Tap the add icon  on the toolbar.

Add page opens showing these boxes: **Program name**, **Program path**, **Program argument**, **Set auto start**, and **Auto start delay**. They deliver the functions as described below:



Setting	Description
Program name	Imports the name of the selected application or system setting. Changes the title to show on a working view. ➢ Identical applications or system settings with different names can co-exist on a working view. ➢ If the name input here coincides with an existing one on the concerned working view, a dialog comes up prompting users to enter a unique title. 
Program path	Browses for the application or system setting to add. Formats supported are *.exe, *.bat and *.cab.
Program argument	Specifies the argument(s) required to launch the selected application or system setting.
Set auto start	Sets the selected application or system setting to auto-launch when AppLock is opened. When selected, the icon of the application or system setting will then show up in the **Auto start** view. ➢ This setting is selected by default on the **Add** page of **Auto start** view.
Auto start delay	Postpone the automatic start of a program. The auto start delay time ranges from 0 to 60 seconds
	Applies the change and quits settings.
	Quits settings without saving any changes.
	Opens onscreen keyboard to enter text.

2.7.2. DELETE

Delete removes a shortcut from the **Programs** or **Control Panel** view. Note that deletion is triggered without asking for confirmation. If you would like to add the deleted item back to its original working view, follow the steps in Add.

Delete triggers straight deletion to an application or a system setting selected onscreen without asking for confirmation.

Delete is not applicable for **Auto start** view.

Delete works only on a shortcut made by the administrator; those inherent in the system cannot be deleted.

To delete an item on a working view:

1) On **Programs** or **Control Panel** views, tap the application or system setting to delete.

   The application or system setting to delete becomes selected by highlight.

2) Tap menu button  | **Edit** | **Delete**.

OR

Tap the delete icon  on the toolbar.

The selected application or system setting is removed from screen and it becomes unavailable to users.

2.7.3. UPDATE

This feature allows the administrator to modify the existing settings of a **Program** or **Control Panel** item.

Update is not applicable for **Auto start** view.

To open the **Update** page:

1) Under either **Programs** or **Control Panel** view, tap the application or a system setting to edit.

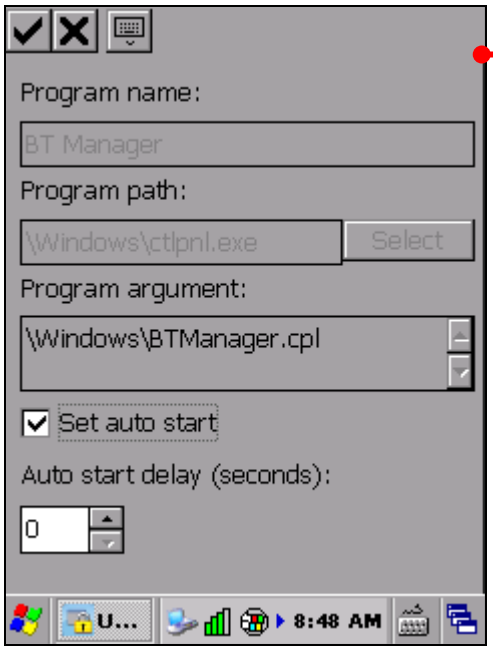
   The application or system setting to edit becomes selected by highlight.

2) Tap menu button  | **Edit** | **Update...**.

OR

Tap the edit icon  on the toolbar.

Update page opens showing these boxes: **Program name**, **Program path**, **Program argument**, **Set auto start**, and **Auto start delay**. They deliver the functions as described below:



Update page under **Control Panel** view

Setting	Description
Program name	Imports the name of the selected application or system setting. Changes the title to show on a working view.
Program path	Browses for the application or system setting to update. Formats supported are *.exe, *.bat and *.cab.
Program argument	Delivers the argument that enables the selected application or system setting to launch. Not all applications or system settings launch by support of an argument.

	➢ Specify any changes if necessary. Ensure any changes made are accurate so the application or system setting will launch as desired.
Set auto start	Sets the selected application or system setting to auto-launch when AppLock is opened. When selected, the icon of the application or system setting will then show up on **Auto start** view.
Auto start delay	Postpone the automatic start of a program. The auto start delay time ranges from 0 to 60 seconds
	Applies change and quits setting.
	Quits setting without saving change.
	Opens onscreen keyboard to enter text.

2.8. EXPORT / IMPORT (ADMINISTRATOR ONLY)

AppLock allows exporting the working views, key lock settings, localized user interface and option settings individually as separate configuration files. By exporting and importing these configuration files, you can easily share a copy of AppLock's settings among a group of mobile computers.

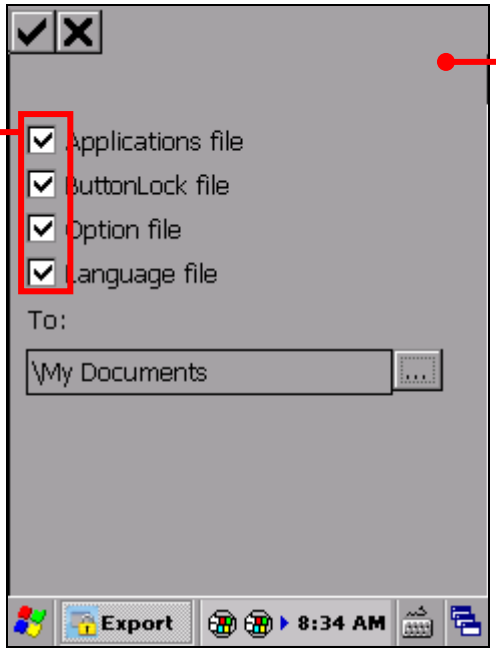
The configuration files are stored in .xml format. By default, AppLock stores settings in four .xml files, as listed in the table below. File names are definable; you can change the file name to facilitate file management.

Default File Name	Description
AppLock_2.1_Applications.xml	Stores the data as below: ➢ Data that logs which application(s) and system setting(s) are available to users ➢ Data that logs which application(s) and/or system setting(s) are to auto-launch when AppLock is opened. The contents of this configuration file are reflected in **Programs** view, **Control panel** view, and **Auto start** view. See Working Views for details.
AppLock_2.1_ButtonLock.xml	Stores which keys on the mobile computer are temporarily locked and cleared of their original functions according to AppLock's **Key lock** settings. See Key Lock (Administrator Only) for details.
AppLock_2.1_Language.xml	AppLock's language file. Translate the prompt texts in this file to localize AppLock. See Language File for details.
AppLock_2.1_Option.xml	Stores AppLock's property settings that control how AppLock acts each time it is used. See Options (Administrator Only) for details.

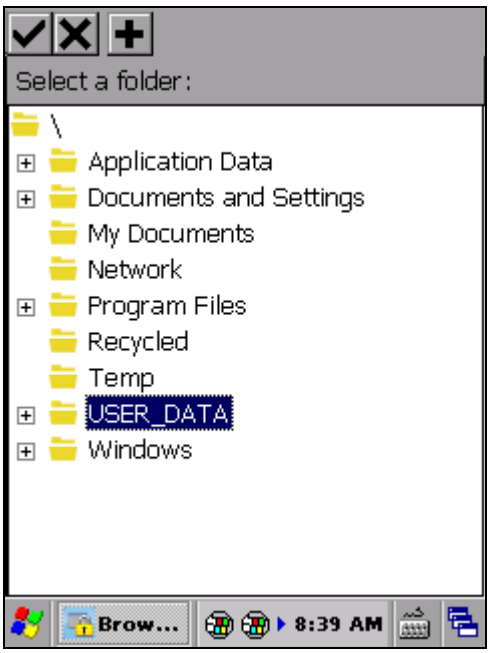
EXPORT

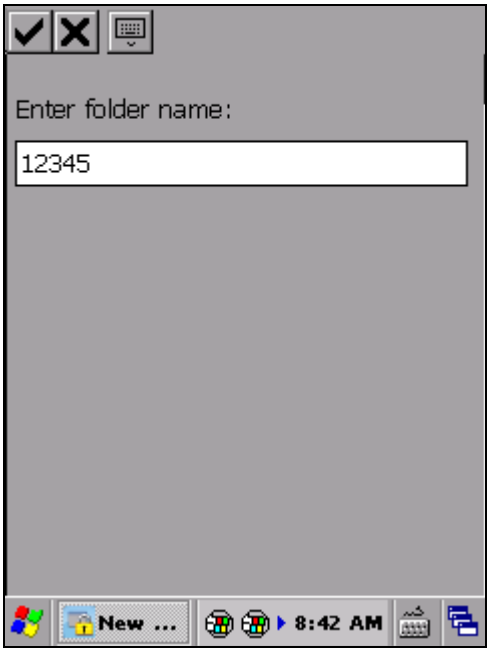
To export AppLock configuration files:

1) Tap menu button  | **Export**.
2) Select all items for a complete export, or select the items to export according to your preferences.



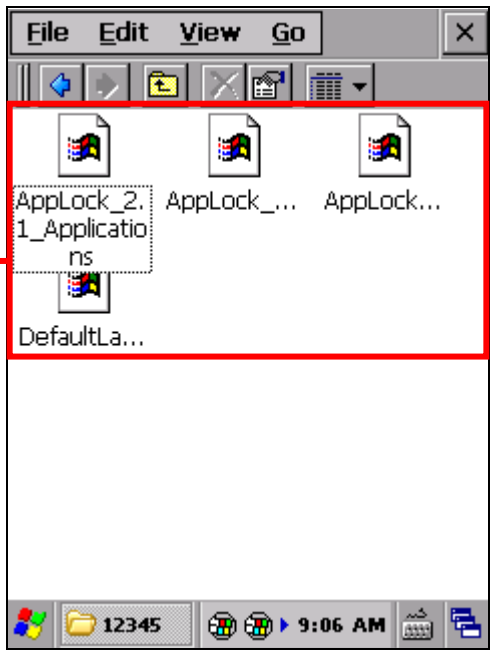
Tap the Browse button ... to change the name and storage destination of the configuration file. Tap + to enter folder name.





3) Tap  on the toolbar to confirm the export.

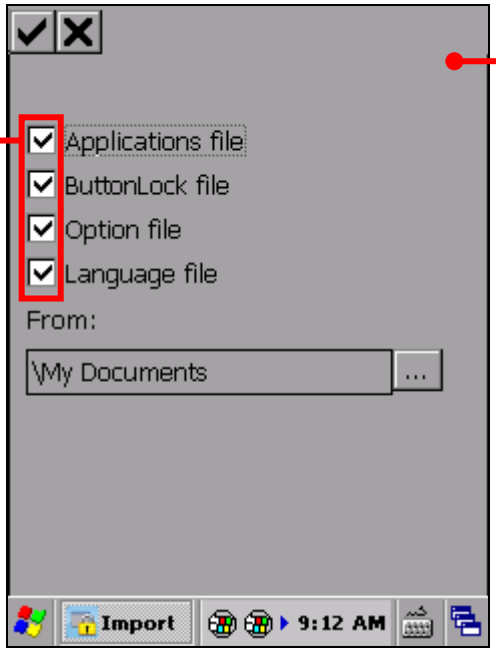
Exported configuration files can be found under the specified directory



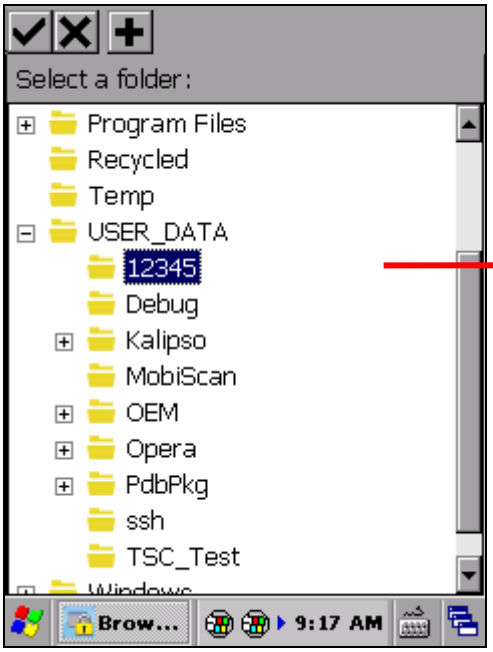
IMPORT

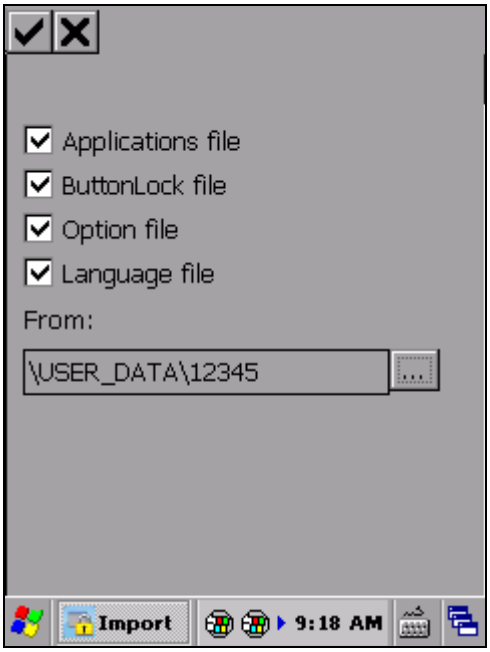
To import AppLock configuration files:

1) Obtain one or a set of configuration files and place it under any directory on your mobile computer.
2) On the mobile computer, tap menu button  | **Import**.
3) Select the items to import based on the configuration file(s) available.



Tap the Browse button ... and select a configuration file to import in the specified folder.

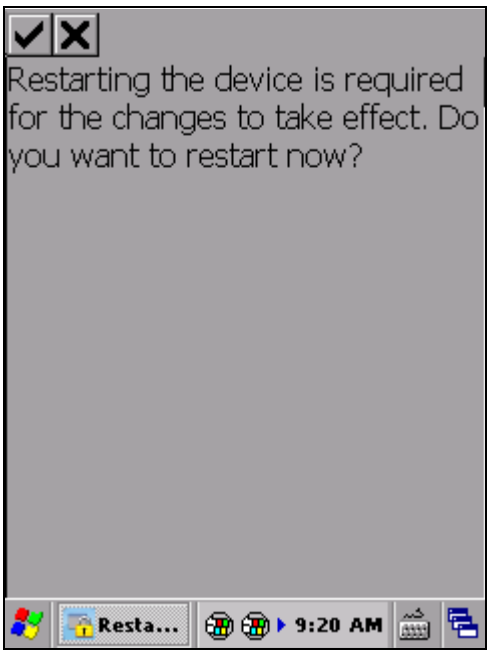




Note: If an item is selected but no such configuration file is available under the specified path, after the import process is completed, the settings on the mobile computer will remain unchanged.

4) Tap **OK** on the taskbar of the window to confirm import. A confirm screen will show; tap  to restart the device and let the changes take effect.

When the mobile computer restarts and AppLock re-launches, the imported configuration files will be applied in AppLock.



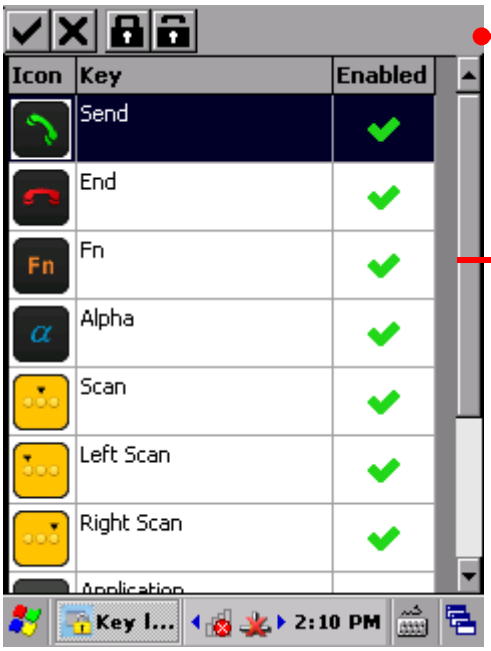
2.9. KEY LOCK (ADMINISTRATOR ONLY)

AppLock features a Key lock function that allows administrators to temporarily "lock" certain physical buttons on the mobile computer and prevent them from delivering their original functions. This is to avoid accidentally switching keypad mode or triggering undesired functions when users are operating the allowed applications or system settings specified under **Programs** view or **Control panel** view. When the indicated keys are locked, no actions will take place when users press them.

To open **Key lock** settings page:

1) Tap menu button  | **Key lock…**.

A list of physical buttons on the mobile computer appears. **Icon** and **Key** column show the buttons which can be locked, and **Enabled** column states the "lock" status of each button. An "enabled" key means key is not locked.



Key lock settings page

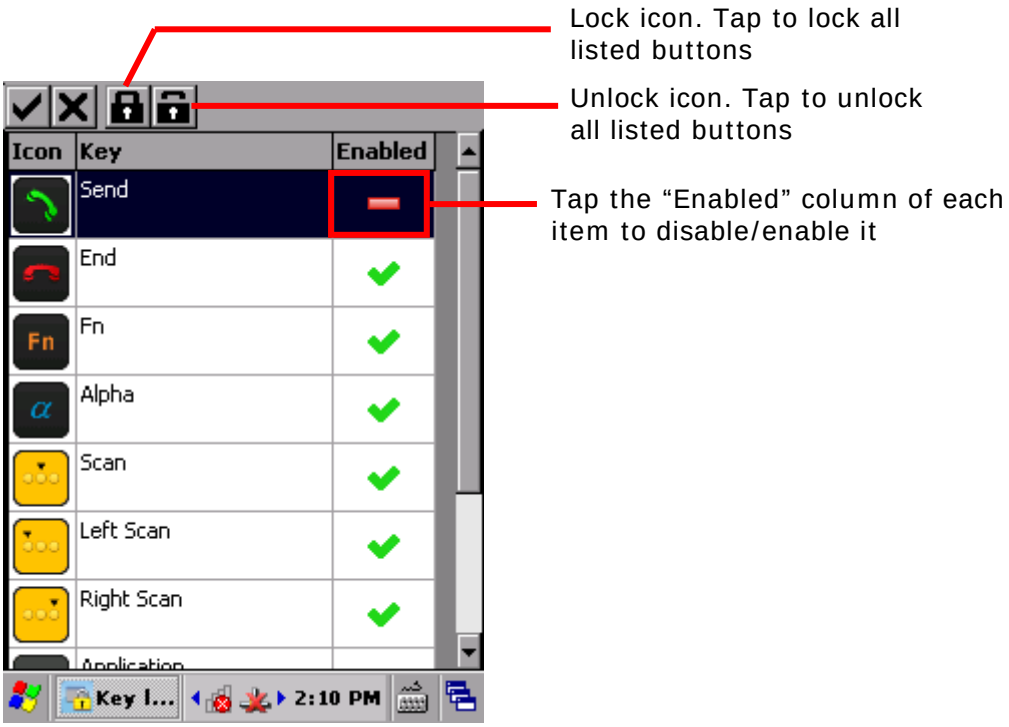
Key is enabled, meaning key lock function is not activated

2) By default, all keys are "enabled", meaning that no keys are locked. Tap the **Lock** button  on the toolbar to lock all listed buttons. Tap the **Unlock** button  to unlock all buttons.

OR

Tap the **Enabled** column of each individual item to switch the button between lock and unlock mode.

"Lock" status changes according to the actions taken.



3) Tap  on the toolbar to apply changes.

OR

Tap  to discard changes and quit settings.

Note: CP55, CP60 and 9700 mobile computers offer different keys to lock. Refer to the **Key lock** settings page on each mobile computer for the physical buttons available for locking.

2.10. OPTIONS (ADMINISTRATOR ONLY)

Options is an administrator-only setting group that controls how AppLock acts each time it is used.

Options features four tab pages to deliver its functions: **General**, **Display**, **Security** and **Indicator** tab pages.

To open Options:

1) Tap menu button | **Options…**.



Options opens showing **General** tab page by default

The following sections guide you how to use these pages.

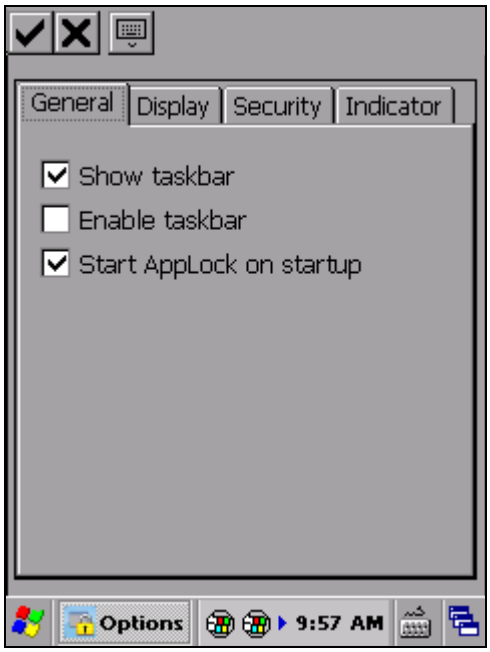
2.10.1. GENERAL TAB PAGE

General tab page sets the general property of AppLock. It controls how AppLock is presented to users, and also delivers an option to automatically start the application upon system startup. It also defines where **Programs** view imports applications from.

To open **General** tab page:

1) Open **Options** as described in Options (Administrator Only).

   General tab page opens presenting three settings: **Show taskbar**, **Enable taskbar**, and **Start AppLock on startup**, a checkbox to set whether the mobile computer should enter AppLock upon startup.



General tab page

2) Tap  on the toolbar to apply changes, or tap  to discard changes and quit settings.

FUNCTIONS

General tab page delivers the following functions:

Setting	Description	Default
Show taskbar	Shows the operating system's **taskbar** to users.	Selected
Enable taskbar	Makes the operating system's **taskbar** accessible to users.	Deselected
Start AppLock on startup	Opens AppLock automatically once the mobile computer is reset or powered on. If any applications or system settings are added to **Auto start** view, the next time system startup occurs, the specified application(s) and/or setting(s) will launch on the mobile computer's screen.	Selected
	Applies change and quits setting.	--
	Quits setting without saving change.	--
	Opens onscreen keyboard to enter text.	--

GLOSSARY TERMS

- "**Taskbar**" is seated at the bottom of most screens. It bears system status icons and notification icons.



For more details about the facilities of Windows Embedded Compact 6.0 and 7.0, see the respective Reference Manuals.

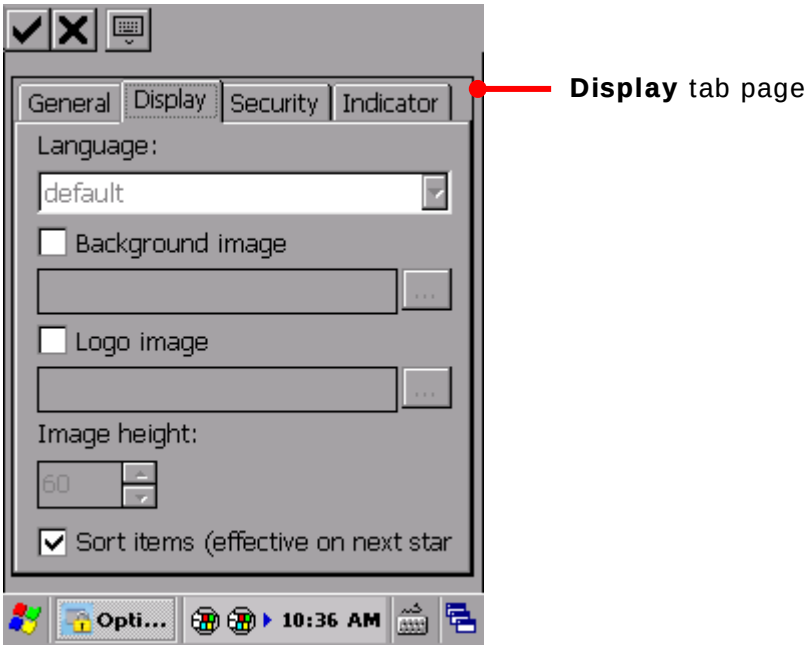
2.10.2. DISPLAY TAB PAGE

Display tab page allows administrators to customize the appearance of the application by setting the language it uses by default, as well as the background image and logo at the top of the three working views. This page also contains an option to show **Programs** view and **Control panel** view in one screen, providing users the privilege to access both views at the same time.

To open **Display** tab page:

1) Open **Options** as described in Options (Administrator Only).
2) Tap **Display** tab page.

   Display tab page opens presenting several boxes for setting **Language**, **Background image**, **Logo image** and **Image height**, and a checkbox to enable **Sort items**, which enabled the icons on **Programs** view, **Control Panel** view and **Auto start** view to be in alphabetical order.



3) Tap  on the toolbar to apply changes, or tap  to discard changes and quit settings.

FUNCTIONS

Setting	Description	Default
Language	Selects a language for AppLock. English is the default language. ➢ For setting up other languages, see Localization.	Default
Background image	Browses for an image to set as the background of all three working views. Supported formats include *.bmp, *.jpg, *.png and others.	Deselected (Blank)
Logo image	Browses for an image to set as a logo at the top of all three working views. Supported formats include *.bmp, *.jpg, *.png and others.	Deselected (Blank)

Image height	Adjusts the height of the logo to appear at the top of the working views.	60
Sort items	When enabled, the icons on **Programs** view, **Control Panel** view and **Auto start** view will be in alphabetical order.	Selected
	Applies change and quits setting.	--
	Quits setting without saving change.	--
	Opens onscreen keyboard to enter text.	--

2.10.3. SECURITY TAB PAGE

Security tab page sets up an administrator account to control system resources, which is the basis of AppLock's Viewer Levels. **Security** tab page also includes a setting to enable USB connection for users.

To open **Security** tab page:

1) Open **Options** as described in Options (Administrator Only).
2) Tap **Security** tab page.

   Security tab page opens showing a **Password** box and checkboxes for enabling Show password, Require password on exit, Auto USB connection, Enable Control Panel and Show Programs and Control Panel in one screen.



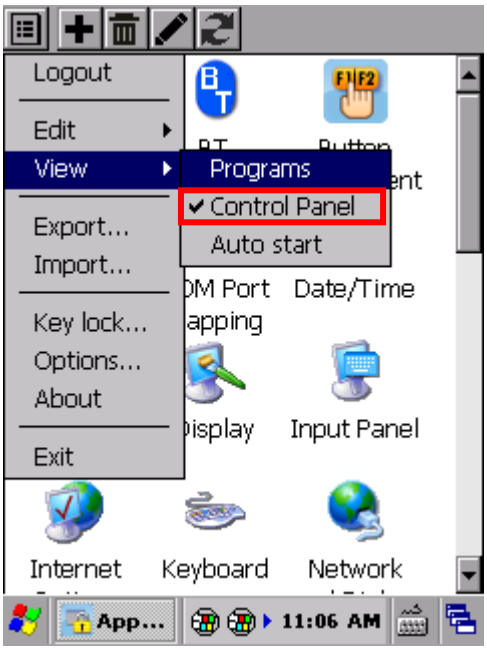
   By default, no login password is set, which means no administrator account is applied. Create an administrator account to enhance security for Administrator level operation.

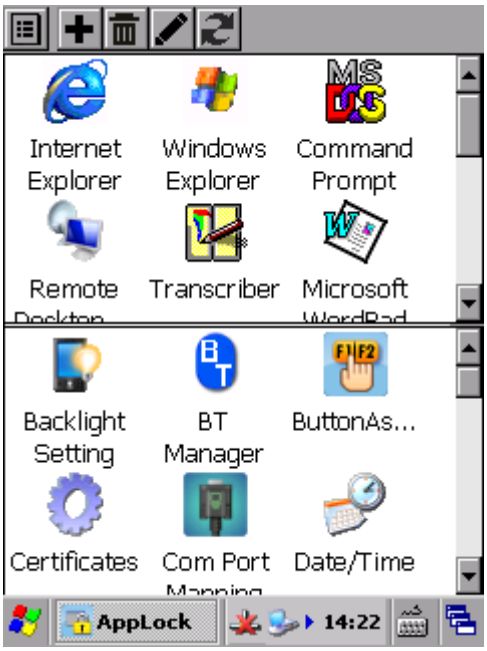
   When **Enable Control Panel** is enabled, the checkbox to enable displaying **Programs** view and **Control panel** view in the same screen is able to be selected.

3) Tap ☑ on the toolbar to apply changes, or tap ☒ to discard changes and quit settings.

FUNCTIONS

Security tab page delivers the following functions:

Setting	Description	Default
Password	Sets administrator account password. ➢ Case insensitive. Maximum 20 characters allowed.	Blank
Show password	Makes the password invisible or visible.	Deselected (invisible)
Require password on exit	When selected, users will need to enter the password upon exiting AppLock. ➢ Administrator level users are not limited by password lock.	Deselected
Auto USB connection	Enables/disables USB ActiveSync connection.	Selected
Enable Control Panel	When selected, the "Control Panel" option will be enabled on the User Level Menu, which allows users to access Control Panel View. 	Selected
Show Programs and Control panel in one screen	When enabled, the application window is divided into upper and lower halves, and **Programs** view and **Control panel** view appears simultaneously in the application window with **Programs** view on top. This grants users easy access of both the allowed application(s) and system setting(s) without the hassle of switching between different views.	Deselected

		
	Applies change and quits setting.	--
	Quits setting without saving change.	--
	Opens onscreen keyboard to enter text.	--

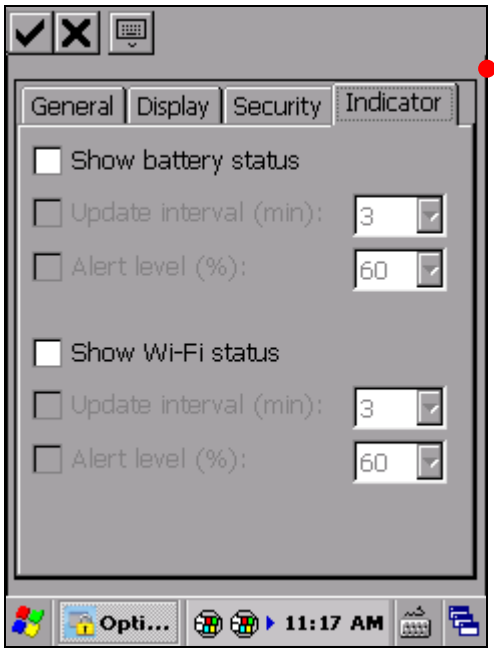
2.10.4. INDICATOR TAB PAGE

Indicator tab page selects whether to show status information and the way it is displayed.

To open **Indicator** tab page:

1) Open **Options** as described in Options (Administrator Only).
2) Tap **Indicator** tab page.

   Indicator tab page opens showing battery and Wi-Fi status checkboxes for enabling the battery and Wi-Fi status icons. **Update interval** can be selected and adjusted only when **Show battery status** or **Show Wi-Fi status** is enabled; **Alert level** can be selected and adjusted only when **Update interval** is enabled.



Indicator tab page

   By default, no checkboxes is selected.

3) Tap ✔ on the toolbar to apply changes, or tap ✕ to discard changes and quit settings.

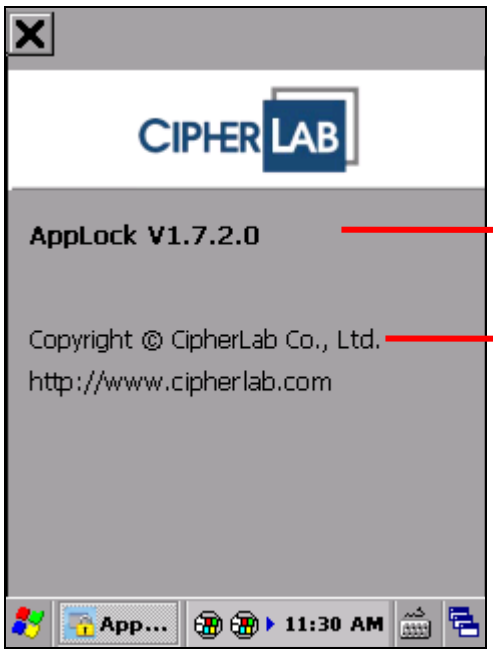
FUNCTIONS

Indicator tab page delivers the following functions:

Setting	Description	Default
Show battery status	➢ Select to enable the battery status icon.	Deselected
Update Interval (min)	Select to define frequency to update battery level. Options are: 1, 3, 5, 15, 30, 60 minutes.	Deselected
Alert Level (%)	➢ Select to define threshold for low battery alert to appear (by a pop-up dialog indicating the remaining battery level). Options are: 10, 20, 30, 40, 50, 60, 70, 80, 90%.	Deselected
Show Wi-Fi status	Select to enable the Wi-Fi status icon.	Deselected
Update Interval (min)	Select to define frequency to update battery level. Options are: 1, 3, 5, 15, 30, 60 minutes.	Deselected
Alert Level (%)	Select to define threshold for low battery alert to appear (by a pop-up dialog indicating the remaining battery level). Options are: 10, 20, 30, 40, 50, 60, 70, 80, 90%.	Deselected
✔	Applies change and quits setting.	--
✘	Quits setting without saving change.	--
	Opens onscreen keyboard to enter text.	--

2.11. ABOUT

The About page delivers the version of the installed AppLock application, and also shows copyright and company information.



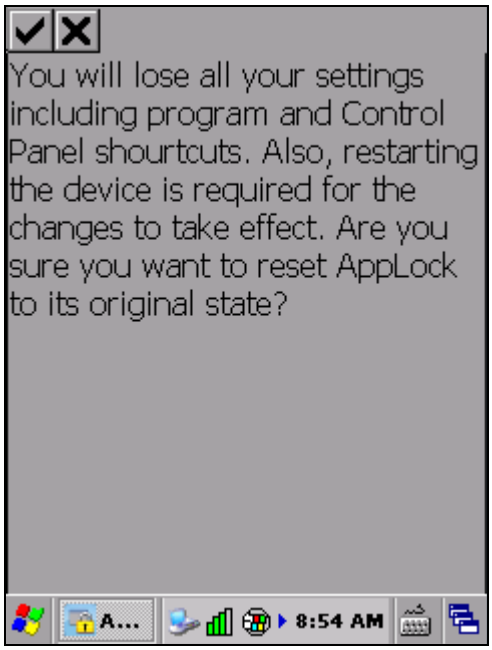
2.12. RESET

Reset means to “restore” all settings to its original state, including applications in the **Programs** view or the **Control Panel** view, **Options**, **Key lock**, and the language files.

To use **Reset**:

1) Tap menu icon  |**Reset**.

A warning page opens notifying that all settings will be lost, and restarting the device is required for the changes to take effect.



Warning dialog

2) Tap ✔ to confirm restoration.

Then the device begins to restart and AppLock opens automatically.

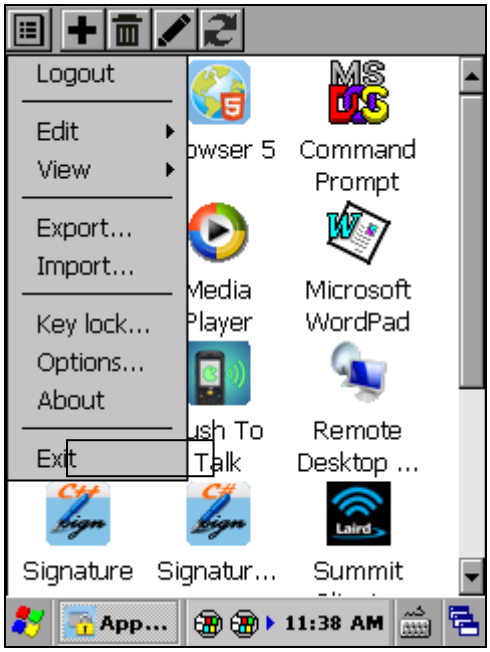
OR

Tap ✖ to quit the function.

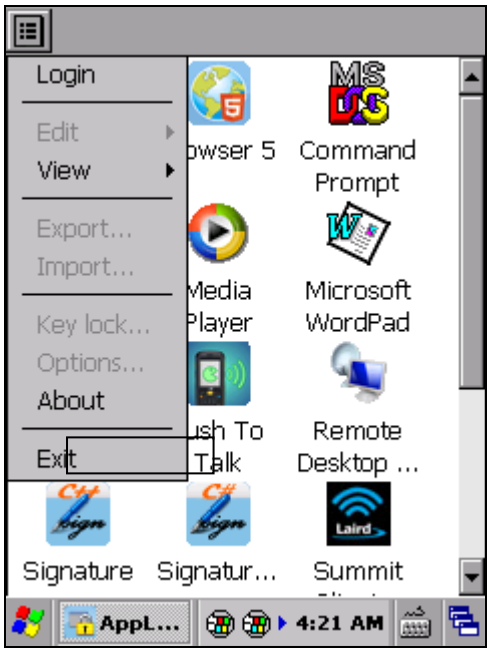
2.13. EXIT APPLOCK

To exit AppLock:

1) Tap the menu button .
2) Tap **Exit** in the AppLock menu.



3) If “Require password on exit” is selected on the Security Tab page, users will have to enter the password in order to exit.





4) AppLock closes and the desktop of the OS appears on-screen.

Note:

(1) Key Lock settings are automatically disabled upon exiting AppLock. If any keys are locked, they will be “released” when you exit AppLock and are then free to deliver their original functions. The next time AppLock is launched, key lock settings will become effective once more.

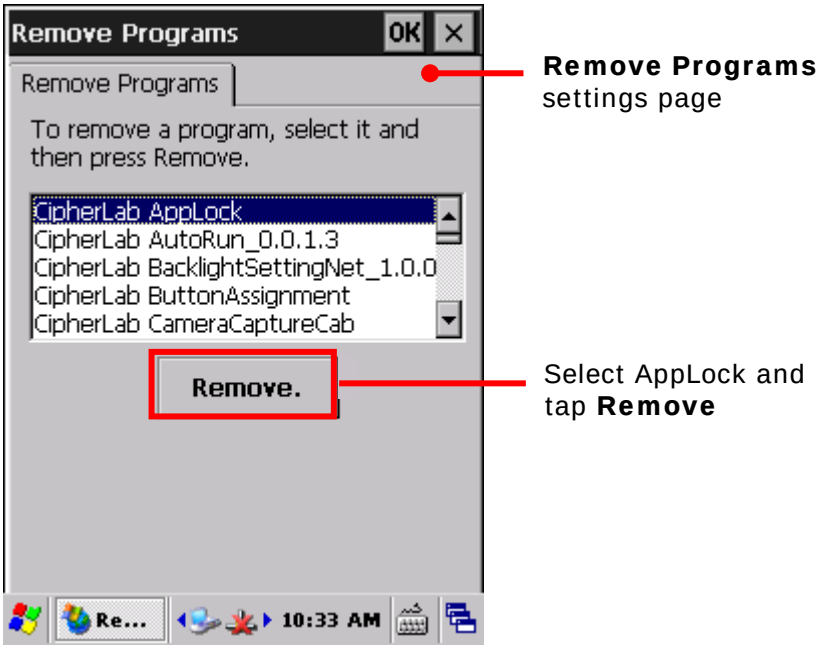
(2) If Start AppLock on startup option is enabled, the mobile computer will enter AppLock again when it is restarted. Select to disable this option if you would not like to enter AppLock again later on.

2.14. REMOVE APPLOCK (ADMINISTRATOR ONLY)

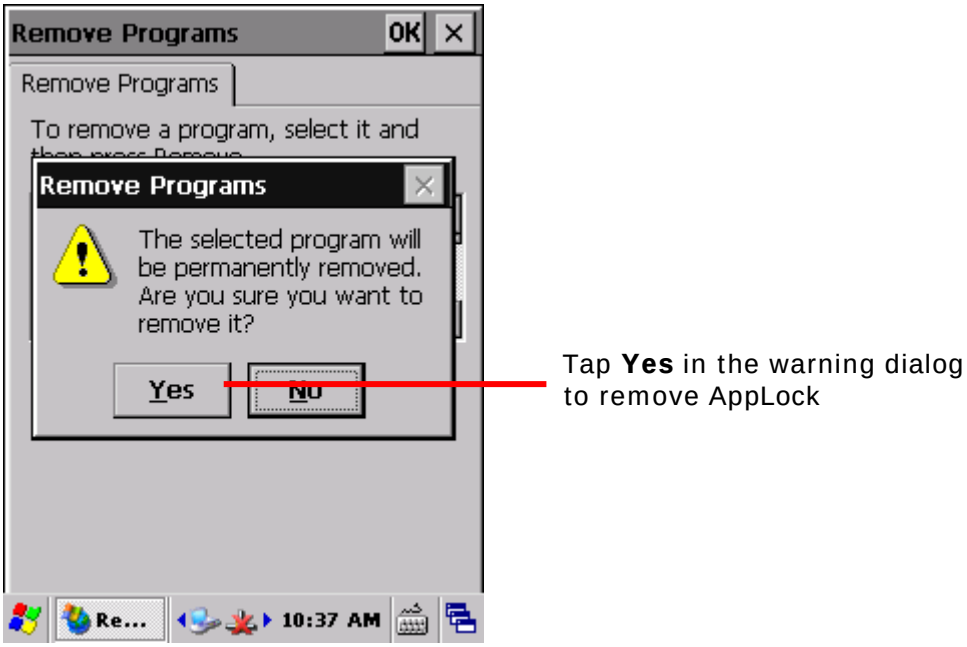
An administrator account is required to swipe the mobile computer clean of the AppLock application. To do so, one must exit AppLock first as described in Exit AppLock.

To remove AppLock:

1) Exit AppLock as described in Exit AppLock.
2) Open Start | Settings | Control Panel | Remove Programs.
3) Select AppLock in the list of installed programs and tap **Remove**.

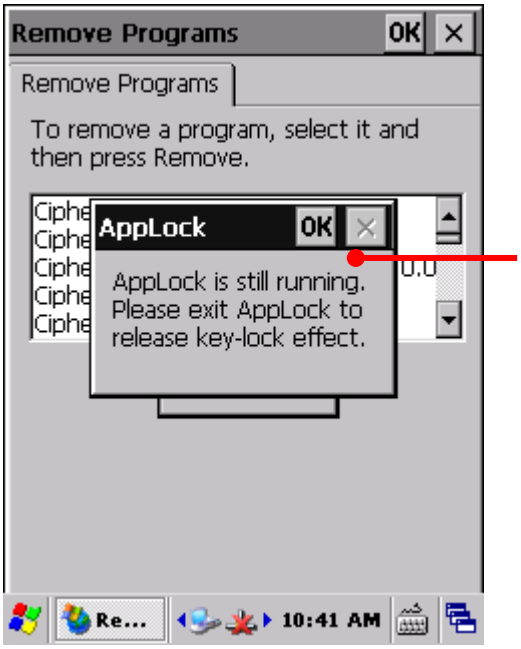


4) In the popup dialog that appears, tap **Yes** to permanently remove the program.



If AppLock is not shut down prior to removal, a warning message appears when users attempt to remove it as a reminder that AppLock should be exited first. Tap **OK** on the upper right corner of the warning dialog to close it, and return to AppLock to exit the application before continuing.

See Exit AppLock for details on exiting the application.



If AppLock is still running upon removal, a warning message appears reminding users to exit AppLock first

Chapter 3

LOCALIZATION

This chapter illustrates how to localize the AppLock interface to your desired language. This can be done by editing the language configuration file stored under the mobile computer's AppLock directory.

Note: This process is for administrators only.

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3.2 Language File 57

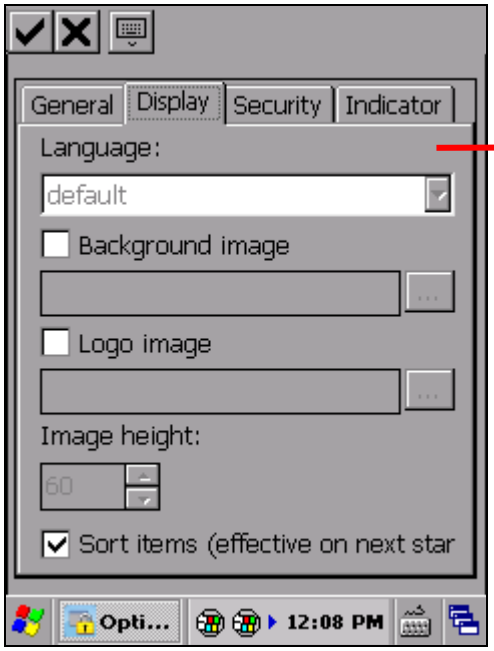
3.1. LOCALIZATION OVERVIEW

AppLock supports multiple languages. Administrators can edit the configuration file "DefaultLanguage.xml" to translate as many languages as needed.

The basics to adding a language to AppLock are:

1) Export the default language file.
2) Copy the language file "DefaultLanguage.xml" to a host computer, such as your PC.
3) Edit the language file on your host computer.
4) Copy the localized language file to your device.
5) Import the localized language file in AppLock.

Added language(s) then becomes available under **Menu** | **Options** | **General** tab page | **Language** setting.



Language setting on **General** tab page

Note: For the support of the languages that use full-width characters such as Chinese and Japanese, a corresponding OS image is required.

3.2. LANGUAGE FILE

The language file “DefaultLanguage.xml” can be found at the directory where the exported files are saved.

The language file saves its data in a structure that comprises one header, elements, and value strings composed of an opening tag, a closing tag, and enclosed tag content in between.

Translate these enclosed tag contents into a target language.

3.2.1. VALUE STRINGS FOR LANGUAGE SETTING

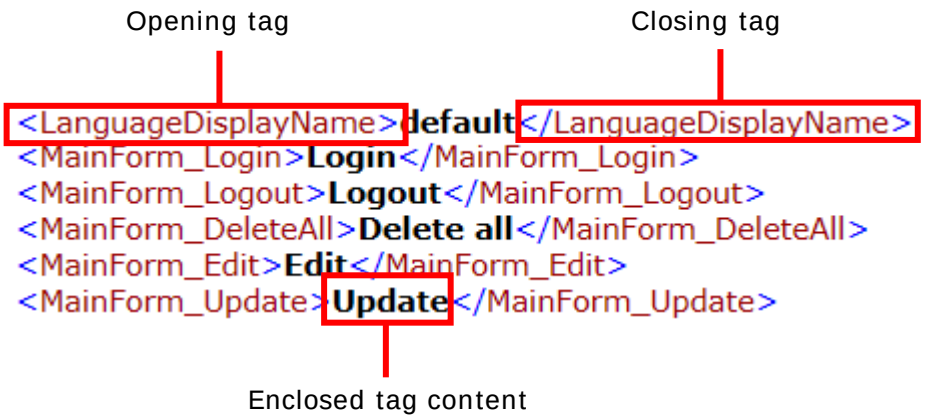
Over a hundred value strings make up most of this data structure.

One string comprises an opening tag, a closing tag, and enclosed tag content in between.

Do not modify the opening and closing tags; simply translate the text enclosed in between.

To set a language:

1) Translate the enclosed tag content, which is between an opening and a closing tag, into a target language.
   Please do not edit opening and closing tags.
2) Save the file after the translation is done. There is no restriction on the file name.



Note: One *xml* header and one *AppLockLanguageXml* element sit in the beginning of the data structure. Please do not edit any of them.

Note: *LanguageDisplayName* refers to the language name showing on the **Display** tab in **Options**.