

# Launcher

for Honeywell Computers powered by Android™

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## User Guide

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# Patents

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# CUSTOMER SUPPORT

## Technical Assistance

To search our knowledge base for a solution or to log in to the Technical Support portal and report a problem, go to [www.hsmcontactsupport.com](http://www.hsmcontactsupport.com).

For our latest contact information, see [www.honeywellaidc.com/locations](http://www.honeywellaidc.com/locations).

## Product Service and Repair

Honeywell International Inc. provides service for all of its products through service centers throughout the world. To obtain warranty or non-warranty service, return your product to Honeywell (postage paid) with a copy of the dated purchase record. To learn more, go to [www.honeywellaidc.com](http://www.honeywellaidc.com) and select **Service & Repair** at the bottom of the page.

## Limited Warranty

For warranty information, go to [www.honeywellaidc.com](http://www.honeywellaidc.com) and click **Get Resources > Product Warranty**.



# GET STARTED

This chapter introduces the Launcher application and includes these sections.

- [About Launcher for Android](#)
- [Start Launcher for Android](#)
- [Disable Launcher for Android](#)
- [View the About Screen](#)

# About Launcher for Android

Launcher for Android is a customizable, locked-down application that allows users to launch only approved applications on their Android computers. Launcher features include:

- Administrator-controlled access to applications on the computer.
- Administrator-controlled access to computer functions. For example, you can prevent the user from accessing WLAN, WWAN, the SDCard, and so on.
- multiple user profiles.

## Supported Computers

The following computers support Launcher for Android as part of Enterprise Client Pack (ECP):

- Dolphin 75e Handheld Computers powered by Android 6.0 (Marshmallow)
- Dolphin CT50 Handheld Computers powered by Android 6.0 (Marshmallow)
- CN75/CN75e Handheld Computers powered by Android 6.0 (Marshmallow)
- CK75 Handheld Computers powered by Android 6.0 (Marshmallow)
- CN51 Handheld Computers powered by Android 6.0 (Marshmallow)
- CT60 Handheld Computers powered by Android 7 (Nougat)

The following computers support earlier versions of Launcher. For information on installing previous versions of Launcher on the computers listed below, see [Launcher for Android and Older Operating Systems](#)

- Dolphin 70e Handheld Computers powered by Android 4.0
- Dolphin 75e Handheld Computers powered by Android 4.4
- Dolphin CT50 Mobile Computers powered by Android 4.4

## About Launcher for Android Licensing

Using Launcher for Android requires an application license.

If a demo version of the Launcher for Android application was preinstalled on your Honeywell computer, you need to purchase an application license to use Launcher for Android once the demo period (60 days) has expired.

If a licensed version of the Launcher for Android application was preinstalled on your Honeywell computer, you do not need to purchase an application license to use Launcher for Android.

If Launcher for Android was not preinstalled on the computer, you need to install the application and purchase an application license to use Launcher for Android once the demo period (60 days) has expired. See [Purchasing Licenses](#).

If you are upgrading your system from Android 4.4 to Android 6.0, you do not need to re-install the license. The license installed for Android 4.4 will work for Android 6.0.



## About Upgrades

To upgrade Launcher for Android on the computer, you must have a valid application license and an active maintenance license installed. Application licenses include one year of maintenance upgrades starting from the time the license is activated. Maintenance must be renewed before the end of the first year or before the current maintenance license expires, failing which a new application license must be purchased for utilizing any application upgrades.

- The older version is not uninstalled. The newer version replaces the currently installed application.
- The license persists if it is within the first year of the license purchase or there is a valid maintenance license.
- The settings persist if the EZConfig “generate” option is not used and the settings XML was stored in IPSM.
- Follow the steps in [Install Launcher for Android on Your Computer](#).

## About Demo Licenses

After you install Launcher for Android, the application runs in demo mode for 60 days, or until you purchase an application license.


After 60 days, a license expired message box appears informing you the free trial period has come to an end. Select OK to dismiss the message and close the application.

For information on purchasing and installing licenses, see [Purchasing Licenses](#).

## How to Identify the Active License Type

If a license is active on the Honeywell computer, you can identify the license type from the About screen in the Launcher application.

### To View License Information

1. [Log Into Launcher](#).
2. Tap  and select **About**.
3. The license type is identified in the **Type** field and in the extension of the Feature name.
  - Clientpack.d.demo  
The “.d.demo” extension indicates a demo license.
  - Clientpack.d  
The “.d” extension indicates a permanent application license.
  - Clientpack.maint.d  
The “.maint.d” extension indicates a maintenance license.

# About Intermec License Manager

You can use the Intermec License Manager (ILM) to download and distribute your Launcher licenses.

## To Download Intermec License Manager

1. Go to [www.honeywellaidc.com](http://www.honeywellaidc.com).
2. Select **Get Resources > Downloads > Software**.
3. Click on the Technical Support Downloads Portal link, <https://hs-mftp.honeywell.com>.
4. Create an account if you have not already created one. You must login to download the software.
5. Install the *Honeywell Download Manager* tool on your PC prior to trying to download any files. The link for the Honeywell Download Manager is located in the Note above the software tree.
6. Locate the **Intermec License Manager** in the Software directory:  
**Software > Software and Tools > Emulator Browsers and Tools > License Manager > Current**
7. Select **Download**. Follow the prompts to download the application.

# Install Launcher for Android on Your Computer

The Launcher for Android application is part of the Enterprise Client Pack (ECP) software bundle. The ECP bundle installs three applications on the computer: Launcher for Android, the Enterprise TE application, and the Enterprise Browser. If ECP did not come pre-installed on the computer, you can download the software bundle from [www.honeywellaidc.com](http://www.honeywellaidc.com). ECP is supported for Android 6.0 and later. For computers running an earlier version of the Android operating system, see [Launcher for Android and Older Operating Systems](#)

For a list of prerequisites for each device, refer to the software release notes.

- Note:** Before attempting to download and install software, see [Supported Computers and About Launcher for Android Licensing](#)
- Note:** If you are installing Launcher on a CT50, or Dolphin 75e running Android 6.0, use the Enterprise Client Pack (ECP) package instead of the Honeywell Launcher single installation. The ECP package installs Launcher, Browser, and TE on your computer.
- Note:** If you are upgrading or downgrading Launcher from a previously installed version with a .zip file, the Launcher installation file must have a different name than the previously installed version. If the file does not have a different name, the installation will fail.
- Note:** The computer must have power for the entire length of the installation process or it could become unstable. Do not attempt to remove the battery during the process.

## To Download ECP

1. Go to [www.honeywellaidc.com](http://www.honeywellaidc.com).
2. Select **Get Resources > Downloads > Software**.

3. Click on the *Technical Support Downloads Portal* link, <https://hsmftp.honeywell.com>.
4. Create an account if you do not already have one. You must login to download the software.
5. Install the *Honeywell Download Manager* tool on your PC. The manager is required to download software.
6. Navigate to **Software > Software and Tools > Emulators Browsers and Tools > Enterprise Client Pack**.
7. Select the Enterprise Client Pack (ECP) software bundle for your device.
8. Select **Download**. Follow the prompts to download the application.

### To Install ECP

1. Copy the .zip file from your PC to the \IPSM card\honeywell\autoinstall folder on the computer.
2. Touch **All Apps > AutoInstall**.
  - Verify **Enable AutoInstall** has a check mark in the box.
3. Press and hold the **Power** button until the options menu appears.
4. Select **Reboot**.
5. When the Honeywell splash screen appears, simultaneously press and hold the **Power** and **Volume Down** buttons until the *Recovery* screen appears.
  - If necessary, press the up or down **Volume** button to scroll through the options until Recovery mode appears at the top of the screen.
6. Press the **Power** button to enter the advanced options screen.
7. Use the up or down **Volume** buttons to select (highlight) **Apply update from IPSM**.
8. Press the **Power** button.
9. Use the **Volume** buttons to highlight the .zip file.
10. Press the **Power** button to initiate the installation.
11. Once the "Install from Ipsm complete" message appears, select **Reboot system now**, and press the **Power** button.

### Optional Installation Method

1. Copy the .zip file from your PC to the \Internal storage\honeywell\autoinstall folder on the computer.
2. Touch **All Apps > AutoInstall**.
  - Verify **Enable AutoInstall** has a check mark in the box.
3. Touch **Packages update**. The computer automatically initiates a reboot and installs the software.

# Start Launcher for Android


If you are starting Launcher for Android for the first time, you can log in as an administrator. As an administrator, you can [Create a New User](#) profile and [Configure Launcher for Android](#).

If this is the first time you are logging in as an administrator, make sure you change the default administrator password to something more secure.

1. Open Launcher for Android.
2. In the Settings page, slide the Status bar to the **On** position.
3. When the Enable pop-up screen appears, tap **OK**.
4. In the **User Name** field, type **admin**.
5. In the **Password** field, type **admin**.
6. Tap **Login**. You are logged into Launcher for Android as an administrator.


## Log Into Launcher

To log into Launcher, follow these steps.

1. Tap  and select **Log In** from the drop-down list.
2. In the **User Name** field, type **admin**.
  - If another user has been created, substitute the desired user name.
3. In the **Password** field, type **admin**.
  - If another user has been created, substitute the pass user name.
  - If the password for the admin account has been updated, substitute the updated password.
4. Tap **Login**. You are logged into Launcher for Android, either as the administrator or as a user.


## Log Out of Launcher for Android

When you are finished with your session, log out of Launcher for Android.

1. Tap  and select **Log Out** from the drop-down list.
2. When the Log Out pop-up screen appears, tap **OK**. You are logged out of your session.

## Disable Launcher for Android


Disable Launcher for Android when you are not using it to lock down your computer.

1. [Log Into Launcher](#) as an administrator.
2. Tap  and then tap **Settings**.
3. In the Settings page, slide the Status bar to the Off position.
4. When the Disable pop-up appears, tap **OK**.

## View the About Screen

Use the About screen to view the version number of Launcher for Android.

To view the About screen, Launcher for Android must be enabled.

1. [Log Into Launcher](#).
2. Tap  and select **About**.




# CONFIGURE LAUNCHER FOR ANDROID

As an administrator, you can customize the needs of each user by controlling the access to the computer and applications that are installed. Use these topics to

- [Configure Permissions Settings](#)
- [Configure Shared Preferences](#)
- [Set the Display Wallpaper](#)
- [Configure White List Settings](#)
- [How to Make Launcher Persist Through a Factory Reset](#)
- [Disable Airplane Mode](#)
- [Disable Volume Hard Key](#)
- [Set the Logoff Timeout](#)
- [Set the Application Mode](#)
- [Set the User Mode](#)

# Configure Permissions Settings

Configure the Permissions settings to enable or disable a variety of settings such as Wi-Fi and WWAN.

1. [Log Into Launcher](#) as an administrator.
2. Tap  and select **Settings** from the drop-down list.
3. Tap **Manager Users**. The *Manage Users Account* screen appears.
4. Select the user you want to configure.
5. Under **Permissions**, select the check boxes to enable or clear check boxes to disable the settings.

## Launcher for Android Management Settings

Permissions Setting	Description
Wi-Fi	Enables Wi-Fi communications on the computer.
WWAN	Enables WWAN communications on the computer.
SD Card	Allows you to read and write to an SD card when it is inserted into the computer.
Change Password	Allows the user to change their own password.
Configure Auto-Run	Allows the user to configure their Auto-Run settings.
Device Settings	Allows the user to change some device settings such as Sound, Display, and Honeywell Smart Sensor.

## Configure Shared Preferences


Setting	Default	Description
Honeywell Launcher Status	True	This option helps user to turn on Honeywell Launcher application.
WiFi Setting	True	When enabled, WiFi is turned on for administrators and users with WiFi permission. When disabled, WiFi is turned off for administrators and users.
Mobile Data Setting	True	When enabled, mobile data is turned on for administrators and users with WWAN permission. When disabled, mobile data is turned off for administrators and users.



Screen Lock Setting	False	When enabled, screen lock is available for administrators and users. When disabled, administrators have a swipe for a lock screen and other users have no lock screen.
Display Mode	0	<p>This option sets the display for the status and navigation bars:</p> <p>0 = normal display</p> <p>1 = hide navigation bar</p> <p>2 = hide status bar</p> <p>3 = hide both</p> <p>4 = both are aggressively hidden</p> <p><b>Note:</b> 4 is supported in Phoenix devices only. This option requires a reboot.</p>


## Set the Display Wallpaper

You can choose the wallpaper that appears in the Launcher screen if you have Device Settings permission.

1. Tap  and then tap **Settings**.
2. Go to **Display > Wallpaper**.
3. Select the wallpaper you want to appear and tap **Set wallpaper**.
4. Logout to see the wallpaper setting.

## Configure White List Settings

Add applications to the white list to enable access to only specific applications on the computer. This feature prevents users from accidentally changing system settings, and helps ensure that users stay focused and as productive as possible.

1. Log in as an administrator.
2. Tap  and select **Settings** from the drop-down list.
3. Tap **Manager Users**. The Manage Users Accounts screen appears.
4. Select the user for whom you need to configure white list settings.
5. Tap **Manage Application Whitelist**. The Configure White List screen appears.
6. Select the applications you want to add or remove from the white list.
7. Tap **Finish** to save your changes.

# How to Make Launcher Persist Through a Factory Reset

To make Launcher persist on the computer after a factory reset, you need to:

1. Make sure the HoneywellLauncher.zip file is in the sdcard\Honeywell\autoinstall folder.
2. Copy the HoneywellLauncher.xml file to the sdcard\Honeywell\persist folder.


## Disable Airplane Mode

There is no Airplane Mode in the Power Menu. This setting only persists in the CT50. The default value is enabled.

1. Tap  and then tap **Settings**.
2. In the Settings page, tap the **Disable Airplane Mode** check box to enable or disable the setting.


## Disable Volume Hard Key

You can disable the computer volume hard keys if you do not want them to be used. The default value for this setting is disabled.

1. Tap  and then tap **Settings**.
2. In the Settings page, tap the **Disable Volume Hard Key** check box to enable or disable the setting.

## Set the Logoff Timeout

You can set Launcher to logoff if there are no actions. The default value is 0 (zero) which means the application will never logoff automatically.


1. Tap  and then tap **Settings**.
2. Tap **Logoff Timeout**.
3. Type the amount of time in minutes before the application will log off.

## Set the Application Mode

An admin can set the Application Mode for normal users. You can set Application Mode to either Single Application Mode or Multiple Application Mode. The default value is Multiple Application Mode which allows users to access more than one application.


Single Application Mode is implemented for Enterprise Browser only. You can set Launcher to Single Application Mode and only add Enterprise Browser in the whitelist. When Enterprise Browser runs in this mode, a user cannot exit Enterprise Browser by clicking the Back button.

Single Application Mode works the same as Multiple Application Mode for all other applications. Users can add more than one application in Single Application Mode.

1. Tap  and then tap **Settings**.
2. In the Settings page, tap **Application Mode**.
3. Tap either **Single Application Mode** or **Multiple Application Mode**.

## Set the User Mode

An admin can set the User Mode for the computer to Single User or Multiple User. When Single User is enabled, Launcher automatically creates a Default user profile for this computer. When Multiple User is enabled, you can create more than one normal user for the computer. The default value is Multiple User.

1. Tap  and then tap **Settings**.
2. In the Settings page, tap **User Mode**.
3. Tap either **Single User** or **Multiple User**.

## How to Configure Multiple Mobile Computers


After you have configured all users on a device (as an administrator), it is easy to export the configuration file and use it to configure other devices.

To use the configuration file to configure other mobile computers, you need to:

- [Copy the Configuration File to Your PC](#)
- [Configure Multiple Mobile Computers](#)

## Copy the Configuration File to Your PC

When you configure Launcher for Android on your mobile computer for the first time, it configures the HoneywellLauncher.xml file located in the /sdcard/HoneywellLauncher folder. To copy the configuration file to your PC, you need to have a USB connection.

1. Tap  and select **Settings** from the drop-down list.
2. Tap **Export Configuration** to save the .xml file to your computer:
  - For the Dolphin 70e, the .xml file is saved to the /sdcard/HoneywellLauncher folder.
  - For the CT50, and Dolphin 75e, the .xml file is saved to /internal storage/HoneywellLauncher folder.
3. [Disable Launcher for Android](#).
4. Connect the mobile computer to your PC with a USB cable.
5. On your mobile computer, turn on USB storage.

6. On your PC, browse to `sdcard\HoneywellLauncher\` and copy `HoneywellLauncher.xml` to your PC.

## Configure Multiple Mobile Computers

You can create bar codes with the EZConfig Editor or copy the `HoneywellLauncher.xml` file to other mobile computers to configure multiple computers.

If you are copying the `HoneywellLauncher.xml` file to a mobile computer, you need to copy it to both the `autoinstall` and `persist` folders. If you have not scanned an EZConfig bar code with your mobile computer, you will need to manually create the `persist` folder. The `persist` folder does not appear until you scan an EZConfig bar code.

1. [Copy the Configuration File to Your PC](#)
2. Open the `HoneywellLauncher.xml` file in the EZConfig Editor.
3. Edit the file and save it or generate an EZConfig bar code.
4. Use one of these methods to configure other mobile computers that have Launcher for Android installed:
  - Scan the EZConfig bar code generated from the EZConfig Editor.
  - Copy the `HoneywellLauncher.xml` file to `/sdcard/Honeywell/persist`. If the `persist` folder does not exist, you need to create it.
5. Restart the mobile computer.

## Troubleshoot Launcher for Android

Use this table to find possible solutions for problems you may encounter while using Launcher for Android.

Problem	Possible Solution
You set a password that was longer than the accepted 20 characters.	<p>Modify the <code>HoneywellLauncher.xml</code> file to set a password that is between 6 and 20 characters.</p> <p>Here is a <a href="#">Sample HoneywellLauncher.xml File</a> you can use to edit the password. The password is on the seventh line of the <code>.xml</code> file.</p> <p>You can also use this file to recreate the <code>HoneywellLauncher.xml</code> file if your file was corrupted.</p>

# USERS AND SECURITY

This chapter describes how to create user profiles and provides recommendations for Launcher for Android security:


- [About User Profiles](#)
- [Create a New User](#)
- [Delete a User](#)
- [Change the Admin Password](#)
- [Reset the User Password](#)
- [Security Recommendations](#)

# About User Profiles

Create a new user to allow multiple people to share the same computer under their own individual profiles. Use these topics to manage user profiles with Launcher:


## Create a New User

Create a new user to allow multiple people to share the same computer under their own individual profiles. This procedure allows you to customize the permissions and restrictions for each user.

1. [Log Into Launcher](#) as an administrator.
2. Tap  and select **Settings** from the drop-down list.
3. Tap **Create User**. The Create New User screen appears.
4. In **User Name**, type in a user name.
5. In **Password**, type in a password that is longer than six characters.
6. In **Re-type Password**, retype the password.
7. Tap **Next**. The Configure White List screen appears.
8. Select the applications you want to enable and tap **Next**. The Configure Permissions screen appears.
9. Select the Permission settings you want to enable and tap **Finish**.


## Delete a User

Delete a user to remove their profile from Launcher for Android.

1. [Log Into Launcher](#) as an administrator.
2. Tap  and select **Settings** from the drop-down list.
3. Tap **Manage User**. The Manage User Account screen appears.
4. Select a user, and then tap **Delete User**. The Delete User pop-up screen appears.
5. Tap **Delete** to remove the user profile.

## Change the Admin Password


The valid range for a password is 6 to 20 characters. If you cannot type your entire password in the login screen, you may need to configure a new password with the HoneywellLauncher.xml file. For help, see [Troubleshoot Launcher for Android](#).

1. Tap  and select **Settings** from the drop-down list.
2. Tap **Change Password**. The Change Password screen appears.
3. In the **Old Password** field, type in your current password.
4. In the **New Password** field, type in your new password.

5. In the **Retype Password** field, retype your new password.
6. Tap **Change Password**. Your new password is saved.

## Reset the User Password

If a user forgets their password, you can reset the user password.

1. Tap [Log Into Launcher](#) as an administrator.
2. Tap  and select **Settings** from the drop-down list.
3. Tap **Manage Users**. The Manage Users screen appears.
4. Select the user, and then tap **Reset Password**. The password is reset to 123456.

## Security Recommendations

To maximize the security of your Honeywell computer while running Launcher for Android, Honeywell recommends that you follow these policies:

- [Change the Admin Password](#) immediately after you log in for the first time.
- Change all of the passwords frequently. Make sure to use a mix of characters and lengths for the passwords.
- Follow the [Delete a User](#) process to delete all unused user accounts.
- Do not allow any user accounts to access EZConfig or any other configuration utilities.
- Do not allow any user accounts to access the file system or any file system browsers.
- Back up the HoneywellLauncher.xml file regularly. For help, see [Copy the Configuration File to Your PC](#).





# SMISCELLANEOUS INFORMATION

This appendix contains miscellaneous information for Launcher for Android:

- [Launcher for Android and Older Operating Systems](#)
- [Purchasing Licenses](#)
- [Licenses of Third Party Software](#)
- [Sample HoneywellLauncher.xml File](#)

# Launcher for Android and Older Operating Systems

The instructions earlier in this document are for installing Launcher for Android on an Android 6.0 computer as part of Enterprise Client Pack (ECP).

To install Launcher for Android on an older operating system, follow the instructions below. For these older operating systems, Launcher for Android is installed from a separate zip file rather as part of ECP.

Once installed, follow the instructions earlier in this document to configure Launcher for Android.

## Requirements

For CT50:

- Running platform version 59.02.01.0009 (GMS) / 60.02.01.0009 (Non-GMS) or later
- Include Common ES version 3.05.2688 or later

For Dolphin 70e:

- Running platform version 41.25 or later
- Include Common ES version 2.42.2597 or later

For Dolphin 75e:

- Running platform version 54.01.06.0033 and SP2 or later
- Include Common ES version 3.05.2688 or later

## Install Launcher for Android on a CT50

**Note:** If you are upgrading or downgrading Launcher from a previously installed version with a .zip file, the Launcher installation file must have a different name than the previously installed version. If the file does not have a different name, the installation will fail.

1. Download the Honeywell Launcher for Android distribution file (.zip file):
  - a. Navigate your browser to [www.aidc.honeywell.com](http://www.aidc.honeywell.com) and select **Products > Hand-Held Mobile Computer**.
  - b. Select **Dolphin CT50**.
  - c. Select the **Software** tab and download the Honeywell Launcher for Android .zip file.
2. Save the Honeywell Launcher for Android .zip to a convenient location on your PC.

3. If a previous version of Launcher is installed on the device, we recommend that you remove the old .zip or apk file from the AutoInstall folder before installing the new version:
  - a. Go to sdcard\honeywell\autoinstall and delete the file HoneywellLauncher\_xxx.zip (where xxx is a version number).
  - b. Go to **Settings > Apps** and uninstall Honeywell Launcher.
  - c. Reboot your device.
4. Using the method of your choice, copy the Honeywell Launcher for Android .zip file from your PC to sdcard\honeywell\autoinstall.
5. Verify that auto-install functionality is enabled:
  - a. From the Android launcher screen select **AutoInstall Settings**.
  - b. Check the **Enable AutoInstall** check box if it is not already selected.
6. Reboot your device.

## Install Launcher for Android on a Dolphin 70e or 75e

**Note:** If you are upgrading or downgrading Launcher from a previously installed version with a .zip file, the Launcher installation file must have a different name than the previously installed version. If the file does not have a different name, the installation will fail.

1. Download the Honeywell Launcher for Android distribution file (.zip file):
  - a. Navigate your browser to [www.aidc.honeywell.com](http://www.aidc.honeywell.com) and select **Products > Hand-Held Mobile Computer**.
  - b. Select **Dolphin 70e Black** or **Dolphin 75e**.
  - c. Select the **Software** tab and download the Honeywell Launcher for Android .zip file.
2. Save the Honeywell Launcher for Android .zip to a convenient location on your PC.
3. If a previous version of Launcher is installed on the device, we recommend that you remove old .apk or zip from the AutoInstall folder before installing the new version:
  - a. Go to sdcard\honeywell\autoinstall and delete the file HoneywellLauncher\_xxxx.apk (where xxxx is a version number) if it exists.
  - b. Go to **Settings > Apps** and uninstall Honeywell Launcher.
  - c. Reboot your device.
4. Using the method of your choice, copy the Honeywell Launcher for Android .zip file from your PC to sdcard\honeywell\autoinstall.
5. Verify that auto-install functionality is enabled:

- a. From the Android launcher screen select **AutoInstall Settings**.
  - b. Check the **Enable AutoInstall** check box if it is not already checked.
6. Reboot your device.

## Purchasing Licenses

You can obtain licenses for Launcher through normal Honeywell sales channels. Once the appropriate license has been ordered, the person named on the purchase order will receive an entitlement email from ACSHSMLicense@Honeywell.com. You need the Activation ID from this email to download your licenses.

To download licenses and add them to your devices:

1. If you have not installed the Honeywell License Manager application, download and install it on your PC:
2. In a browser, go to [aidc.honeywell.com](http://aidc.honeywell.com) and select **Products > Handheld Mobile Computer**.
3. Select **Dolphin CT50** or **Dolphin 75e**.
4. Select the **Software** tab and download the Honeywell License Manager application.
5. Run the License Manager download and install it on your PC.
6. Start License Manager on your PC.
7. Use License Manager to download the licenses to your PC. For help, use the online License Manager Help to guide you through this process for the first time.
8. Register your devices with License Manager. For help, use the online License Manager Help to guide you through this process for the first time.
9. Use License Manager to assign licenses to individual devices in a License Bundle. For help, use the online License Manager Help to guide you through this process for the first time.
10. Use License Manager to export the License Bundle to an .xml file. A single license bundle .xml file can contain multiple device/license pairs.
11. Use any method of your choice to copy the license bundle .xml file to the \sd-card folder on your mobile computers. The licensing utility on the computer consumes the license bundle .xml file (the file disappears).

Once the license bundle .xml file has been read, the license has been installed, and you are ready to run Launcher.

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.. contents::

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## Sample HoneywellLauncher.xml File

**Note:** This file will disable Honeywell Launcher. It should only be used by administrators.

```
<?xml version='1.0' encoding='UTF-8' standalone='yes' ?>
<ConfigDoc name="HoneywellLauncher">
  <Section name="Users Settings" desc="Settings of all users.">
    <Section name="admin" desc="User settings.">
      <Section name="Login" desc="User login settings.">
        <Key name="USER_NAME" desc="Username length must be less than 50."
          flags="16">admin</Key>
        <Key name="PASSWORD" desc="Password length must be more than 6 and less than 20."
          flags="16">F6FDFFE48C908DEB0F4C3BD36C032E72</Key>
      </Section>
    <Section name="User Profile" desc="User system settings.">
      <Section name="Sound">
        <Key name="volume_music" desc="Music volume" flags="16">11</Key>
        <Key name="volume_ring" desc="Notification volume" flags="16">5</Key>
        <Key name="volume_alarm" desc="Alarm volume" flags="16">6</Key>
        <Key name="silent_mode" desc="silent_mode" flags="16">2</Key>
        <Key name="ringtone" desc="Phone ringtone"
          flags="16">content://media/internal/audio/media/169</Key>
        <Key name="notification_sound" desc="notification_sound"
          flags="16">content://media/internal/audio/media/91</Key>
        <Key name="vibrate_when_ringing" desc="Vibrate when ring" flags="16">0</Key>
        <Key name="dtmf_tone" desc="Dial pad touch tones" flags="16">1</Key>
        <Key name="sound_effects_enabled" desc="Touch sounds" flags="16">1</Key>
        <Key name="lockscreen_sounds_enabled" desc="Screen lock sound" flags="16">1</Key>
        <Key name="haptic_feedback_enabled" desc="Vibrate on touch" flags="16">1</Key>
      </Section>
    <Section name="Display">
      <Key name="screen_brightness_mode" desc="Adjust screen display brightness control, 1
        for auto, 0 is default." flags="16">1</Key>
      <Key name="screen_brightness" desc="Adjust screen display brightness, form 30 to
        255." flags="16">102</Key>
      <Key name="wallpaper_user" desc="Wallpaper" flags="16">Normal
        wallpaper:/storage/emulated/0/Honeywell/Wallpaper/admin.png</Key>
      <Key name="screen_off_timeout" desc="Adjust the delay before the screen
        automatically turns off, 15000, 30000, 60000, 120000, 600000, 1800000, -1 (Nerver
        timeout)" flags="16">60000</Key>
      <Key name="font_scale" desc="Scaling factor for fonts, value are float. 0.85 =
        Small, 1.0 = Normal, 1.15 = Large, 1.3 = Huge" flags="16">1.0</Key>
      <Key name="accelerometer_rotation" desc="auto-rotate screen, 0 or 1. "
        flags="16">1</Key>
      <Key name="show_system_dialog_in_lock" desc="Show when long pressing power key, 0 or
        1. " flags="16"></Key>
      <Key name="short_pw_key" desc="Enable short press Power key, 0 or 1. "
        flags="16"></Key>
    </Section>
  </Section>
</ConfigDoc>
```

```

    <Key name="unattended_mode" desc="Enable unattended mode, 0 or 1. "
      flags="16"></Key>
  </Section>
</Section>
<Section name="Honeywell Smart Sensors">
  <Key name="keep_awake_on_motion_enabled_setting" desc="Wake up device when motion is
    detected, 0 or 1. " flags="16">0</Key>
  <Key name="wake_up_on_motion_enabled_setting" desc="Keep device on when motion is
    detected, 0 or 1. " flags="16">0</Key>
  <Key name="face_down_suspend_enabled_setting" desc="Face down suspend, 0 or 1. "
    flags="16">0</Key>
</Section>
</Section>
</Section>
<Section name="shared_prefs" desc="Settings in shared preference.">
  <Section name="launcher">
    <Key name="Honeywell_Launcher_Status" desc="Enable or disable app."
      flags="16">>false</Key>
    <Key name="pref_key_app_mode" desc="Application Mode." flags="16">1</Key>
    <Key name="pref_key_user_mode" desc="User Mode." flags="16">1</Key>
    <Key name="key_disable_airplane_mode" desc="No airplane mode setting in power menu"
      flags="16">>true</Key>
    <Key name="pref_key_disable_volume_mode" desc="Disable volume hard key"
      flags="16">>false</Key>
    <Key name="motion_enable" desc="" flags="16">>false</Key>
    <Key name="key_dock_mode" desc="Blanking only when docked" flags="16">>false</Key>
    <Key name="key_voice_input" desc="Disable voice input when motion control activated"
      flags="16">>false</Key>
    <Key name="key_gps_errant_data_filter" desc="Use some filter to filter out the GPS
      errant data" flags="16">>true</Key>
    <Key name="key_enable_motion_speed" desc="Enable Speed threshold" flags="16">8</Key>
    <Key name="key_disable_motion_speed" desc="Disable Speed threshold" flags="16">0</Key>
    <Key name="key_speed_unit" desc="Speed unit" flags="16">km/h</Key>
    <Key name="key_enable_motion_mode_time" desc="Enable time threshold"
      flags="16">10</Key>
    <Key name="key_disable_motion_mode_time" desc="Disable time threshold"
      flags="16">10</Key>
    <Key name="key_gps_lost_timer" desc="GPS lost timer" flags="16">60</Key>
    <Key name="key_blanking_mode" desc="Blanking mode" flags="16">0</Key>
    <Key name="image_path" desc="" flags="16"></Key>
    <Key name="key_logoff_timeout" desc="Auto logoff timer( Range should be 0-500 )"
      flags="16">0</Key>
    <Key name="key_wifi_enable" desc="Enable Wifi when user has wifi permission"
      flags="16">>true</Key>
    <Key name="key_screen_lock_enable" desc="Enable existing screen lock(Not supported on
      EDA70 and CN51 devices)" flags="16">>false</Key>
    <Key name="key_mobile_data_enable" desc="Enable the mobile data" flags="16">>true</Key>
    <Key name="sso_enable" desc="" flags="16">>false</Key>
    <Key name="guest_user_enable" desc="" flags="16">>false</Key>
    <Key name="guest_profile" desc="" flags="16"></Key>
    <Key name="default_profile" desc="" flags="16"></Key>
    <Key name="sso_signout_timeout" desc="" flags="16">5</Key>
    <Key name="key_display_mode" desc="Change Display Mode (applicable only for devices
      with software navigation bar) 0 for Normal (default), 1 for hiding Navigation button,
      2 for hiding Status, 3 for hiding both, 4 for aggressive hiding of both (Option 4 is
      applicable only for Phoenix)(use with caution)(Device needs to Reboot for aggressive
      hide/show ) " flags="16">0</Key>
  </Section>
</Section>

```

```
    </Section>
  </Section>
</Section>
<HHPReserved name="Tool Version">
  <Key name="EXMVersion" flags="16">1.0.1</Key>
</HHPReserved>
</ConfigDoc>
```





Honeywell  
9680 Old Bailes Road  
Fort Mill, SC 29707

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