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About This Guide

The guide provides information about installing and using the Zebra Access Management System (ZAMS) software that is used with the Zebra Intelligent Cabinet.

For the latest version of this guide, go to zebra.com/support.

ZAMS Overview

The elements of the ZAMS software consists of mobile device application and services, kiosk application and services, and the Cloud resident console.

- Mobile device application and services - provides the lock screen user interface (UI) and services for Android-based mobile devices.

- Kiosk application and services - provides on-site device management, UI, and information to the Cloud-based console. The kiosk application is designed for the CC6000 device.

- Cloud resident console - the Web portal that provides various administration level tasks and reports. The server access portal is at zams.zebra.com.

Refer to the ZAMS release note on the supported operating system platform for the version-specific supported features. This guide provides the installation guidelines and steps for Zebra Android devices.

Installation Tools

The ZAMS installation process can be implemented with several methods and users can choose the methods based on preference and capabilities. This guide focuses on the default installation process which uses Zebra Value Add (ZVA) and configuration tools such as StageNow and DataWedge. These tools are the generic installation methods across Zebra customer environments with automation reuse that can be configured by most Enterprise Mobility Management (EMM) software products.

Supporting references and notes for other non-ZVA installation options may be given as guidance, but it is not intended to be a complete reference. Refer to the supported files used by the ZVA tools to understand how to reuse and integrate them into a specific support environment.

More references about the ZVA tools are available at techdocs.zebra.com. The ZAMS installation process relies mainly on the following ZVA components:

- DataWedge profiles provide a way to configure data capture services like barcode scanning outside without the need to modify software applications.

- StageNow barcodes and support files allow for automated installation by scanning barcode into the device resident StageNow application and service.
• Mobility DNA Extensions (MX) provide a way to configure an application and device without the need to prompt users.

A typical updated ZAMS release contains the application software and the supporting files applicable to the device that is being installed, such as the mobile device or kiosk. There is no installation file for the ZAMS portal, but all ZAMS kiosks are required to have connectivity to the portal.

After installing the ZAMS software on the kiosk and mobile devices for the first time, you must register the software before use. The ZAMS portal can create offline configuration files that can be incorporated into the device and kiosk for automatic software registration. Therefore, the ZAMS portal is also considered a tool to install the ZAMS software.

**Notational Conventions**

The following conventions are used in this document:

- **Bold** text is used to highlight the following:
  - Dialog box, window, and screen names
  - Drop-down list and list box names
  - Checkbox and radio button names
  - Icons on a screen
  - Key names on a keypad
  - Button names on a screen
- **Bullets (•)** indicate:
  - Action items
  - List of alternatives
  - Lists of required steps that are not necessarily sequential.
- **Sequential lists** (for example, those that describe step-by-step procedures) appear as numbered lists.

**Icon Conventions**

The documentation set is designed to give the reader more visual clues. The following visual indicators are used throughout the documentation set.

- **NOTE:** The text here indicates information that is supplemental for the user to know and that is not required to complete a task.
- **IMPORTANT:** The text here indicates information that is important for the user to know.
- **CAUTION:** If the precaution is not heeded, the user could receive a minor or moderate injury.
- **WARNING:** If danger is not avoided, the user CAN be seriously injured or killed.
- **DANGER:** If danger is not avoided, the user WILL be seriously injured or killed.
The ZAMS installation process includes completing the installation prerequisites and server setup regardless of the installation method used. Once the installation is completed, users can update the kiosk and mobile devices separately.

Contact Zebra Technical Support at supportcommunity.zebra.com/s/contactsupport if you need assistance.

Performing Installation Prerequisites

The first step to install ZAMS is to download the latest software, rename the APK file, and then configure and validate the network.

1. Obtain the latest ZAMS software on the Intelligent Cabinets support page at zebra.com/support.
2. Download the latest ZAMS software.

   ZAMS is continually updated with and the latest software is posted every quarter. Click Subscribe to ZAMS Software Updates on the Intelligent Cabinets support page to receive an email alert when a new version of ZAMS Software is available for download.

3. Rename the APK file.

   Users must rename the APK file before installing the file on the mobile device and kiosk. The APK file downloaded from Zebra support follows a naming convention that includes the version number of the relevant APK. For example, an APK provided in the download is named ams-device-2.3.16.apk. Rename the file to AmsDevice.apk before the file is pushed to the device or MDM before installation.

4. Perform network configuration and validation.

   Ensure you meet the ZAMS network requirements so that the kiosk can communicate to the Cloud portal, and the mobile devices can communicate to the kiosk.

Performing Server Setup

The second step to install ZAMS is setting up the server.

1. Create and manage user accounts.

   Create and manage user accounts on the ZAMS Portal at zams.zebra.com. Log in with a Company Admin account. ZAMS has one initial admin user only who can create an account for all other users. Before installing ZAMS, it is highly recommended to create a new Company Admin to log in to the ZAMS Portal and a number of Device Users to log in to the devices.
2. Create a Cabinet.

Create Cabinets on the ZAMS Portal prior to installation by signing in as a Company Admin user. During the installation process and depending on which installation method is used that is outlined in this document, users can load a configuration file that is going to automatically configure the Cabinet. Or, users can create Cabinet on the ZAMS user interface after the software is installed on the CC6000. Users can also synchronize a previously created Cabinet on the ZAMS user interface.

3. Create the Cabinet and device configuration files.

Depending on the installation method used, users may be required to create a Cabinet configuration file and a Cabinet device configuration file. Create these configuration files after logging in as a Company Admin user on the ZAMS Portal. Load the configuration files to the CC6000 kiosk and mobile device to automatically create the Cabinet on the kiosk and automatically register the mobile device with a pre-configured Cabinet.
The ZAMS installation prerequisites process consists of obtaining and downloading the latest ZAMS software, renaming the downloaded APK files, and performing network configuration and validation for the cabinets.

**Obtaining the Latest ZAMS Software**

Go to the Intelligent Cabinets support page at [zebra.com/support](http://zebra.com/support) to check for the latest ZAMS software. ZAMS software undergoes continuous updates to enhance the software and introduce new features. Backward compatibility for legacy systems is maintained. However, when more and newer Android operating systems are being released, the compatible version for the legacy system is moving up as well. Android operating system, in particular, is constantly evolving, therefore, ZAMS products and its install base are undergoing updates too.

**Downloading the Latest ZAMS Software**

The kiosk and mobile device subfolders are in the ZAMS Auto Install folder.

2. Download the latest ZAMS release zipped file.

**NOTE:** ZAMS application is a restricted software, so users must enter a **Contract Number** (1) on the **Alternate Validation Option** screen.
3. Extract the downloaded zipped file.

4. Select a location to extract the files.
5. In the folder storing the extracted files, locate the installation files for the kiosk (3) and mobile devices (2) which are located in the subfolders in the ZAMS Auto Install folder (1).

### Renaming the APK Files

Before installing ZAMS software on the kiosk and mobile devices, you must rename some files in the extracted zipped file. The name of the APK file downloaded from Zebra support follows a naming convention that includes a version number of the APK. For example, `ams-device-2.3.16.apk`. The file is named in such a way to identify the version of the APK in use and ensure that the most recent version of the APK is installed.

1. In the **Device Installation** folder, rename `ams-device-x.x.x.apk` to `AmsDevice.apk` (1).
2. In the **Kiosk Installation** folder, rename the following APK file names:
   
   a) Rename `ams-core-zams-x.x.x.apk` to `AmsCore.apk` (1).

   b) Rename `ams-ui-x.x.x.apk` to `AmsUi.apk` (2).

---

**Network Configuration and Requirements**

ZAMS consists of three key components: Cloud portal, Cabinet APKs, and device APK. Communication between the three key components is crucial to ensure the ZAMS software works. Therefore, ensure the required network configurations are met before deploying the application in the environment.

**Figure 1** ZAMS Network
The C6000 kiosk requirements:
- Static IP address
- Wi-Fi or Ethernet access to zams.zebra.com
- TCP port 443 open
- Apply proxy settings (if required).

The mobile device requirements:
- Must be Wi-Fi enabled
- Wi-Fi or WLAN connectivity to the CC6000
- TCP port 9000 used between mobile devices and CC6000 by default.
Server Setup

The server setup process consists of creating the user accounts to login into the ZAMS network and setting up the Cabinet in the ZAMS portal.

User Management

Before installing ZAMS kiosk and mobile device APKs, it is recommended to create a new Company Admin user for the ZAMS Portal access. For initial testing, it is recommended to create at least three to five Device Users to log in to the devices.

It is highly recommended to create a Company Admin user solely for the Cabinet registration. Once the username and password of this Company Admin user are configured, they should not be changed to prevent the Cabinet from prompting new credentials.

Creating a User Account

Create user accounts at zams.zebra.com before installing ZAMS software.

1. Log in to the ZAMS Portal at zams.zebra.com with the Company Admin credentials.
2. On the Dashboard screen, select User Management (2) in the Administration (1) drop-down menus.

3. Click + Create User (1).

Creating a Company Admin User

A Company Admin User is an administrator account with full access to manage settings and configurations on the ZAMS Portal. The Company Admin is able to create and manage users and Cabinets, Return Material Authorization (RMA) and Beyond Economical Repair (BER) devices, view reports, generate configuration files, and generate a Master Unlock Code.

To open the Create or edit a user screen, see Creating a User Account on page 15.

1. From the Create or edit a user screen, select the ROLE_COMPANY_ADMIN in the Security Roles drop-down menus (1).

2. Complete the Email (2), First name (3), and Last name (4) fields.

3. Create a Password (5) that complies with the indicated criteria.

4. Enter the password again in the Confirm Password (6) field.
5. Check the Activated (7) box.
6. Select Language (8) from the drop-down menus.
7. Click Save (9).

A Company Admin user is created and this user has access to the ZAMS Portal.

Creating a Device User

A Device User is an account that is used by an operator to login into a mobile device manually by entering a unique PIN code on the device, or scanning the PIN code from a barcode on an ID badge. The Device User does not have access to the ZAMS Portal, but can only use the unique PIN Code to login into a mobile device.

To open the Create or edit a user screen, see Creating a User Account on page 15.

NOTE: The Device Login account is used to identify the user who has a specific device that is in use and the account is displayed on the ZAMS Cabinet and ZAMS Portal.

1. From the Create or edit a user screen, select the ROLE_DEVICE_USER in the Security Roles drop-down menus (1).

   ![Create or edit a user screen]

2. Complete the First name (2), Last name (3), and Device Login (4) fields.
3. Assign the User to a specific Site or create a Global user from the Site Id / Name (5) drop-down menus.
4. Enter a unique PIN Code (6).
5. Check the Activated (7) box.
6. Select Language (8) from the drop-down menus.
7. Click Save (9).

A Device User is created and this user can now login to a device.
Cabinet Setup

ZAMS requires kiosk APKs to be installed on the kiosk when setting up a Cabinet. Users can use two methods to set up the Cabinet.

The first method is to configure the Cabinet in the ZAMS Portal when users log in as a Company Admin. This method allows for a configuration file to be created and pushed to the kiosk during the installation process which automatically sets up the Cabinet on the kiosk.

The second method allows a Company Admin to create the Cabinet on the kiosk after the kiosk APK is installed. This method allows a Company Admin to enter the credentials on the kiosk to create a new Cabinet or synchronize an existing Cabinet that is created on the ZAMS Portal previously.

Setting up a Cabinet on ZAMS Portal

Set up a Cabinet on the ZAMS Portal at zams.zebra.com.

1. Log in to the ZAMS Portal at zams.zebra.com with the Company Admin credentials.

The ZAMS Portal Dashboard displays.

2. Select Cabinet (2) in the Administration (1) drop-down menus.

3. Click + Create a new Cabinet (1).
4. Select a site from the Site drop-down menus (1), and then enter a Cabinet Name (2).

5. Click Save (3).

A Cabinet is created.

Setting up a Cabinet on the Kiosk

After ZAMS is installed on the kiosk, users can set up the Cabinet through the ZAMS user interface on the Kiosk. The Company Admin credentials are required to create a new Cabinet.

1. To set up the Cabinet in the kiosk, touch Settings (1) on the ZAMS Home screen.
2. Touch Setup cabinet (1).

3. Enter a **Username** (1) and **Password** (2) of a user with the Company Admin credentials, and then click Login.

4. Click **NEW CABINET** (1).
5. Enter a new **Cabinet name** (1) and select a site from the **Select site** (2) drop-down menus.

6. Click **Register** (3).

A Cabinet is created successfully.

**Synchronizing a Cabinet on the Kiosk**

After ZAMS is installed on the kiosk, synchronize a Cabinet created previously through the ZAMS user interface.

Touch **Settings** on the ZAMS Home screen.
1. To synchronize a Cabinet created previously, click **SYNC CABINET** (1).

2. Select the appropriate site and Cabinet from the **Select site** (1) and **Select cabinet** (2) drop-down menus, and then click **Sync** (3).

The Cabinet is synchronized successfully.
Cabinet and Device Configuration Files

The Cabinet and device configuration files can be generated by the Company Admin user. Configurations files are required in the StageNow automated installation with a manual file copy process.

By using the configuration files, when installing a Cabinet the files automatically creates a Cabinet on the kiosk without having to set up the Cabinet or synchronize a Cabinet using the ZAMS UI on the kiosk as described in Setting up a Cabinet on the Kiosk on page 19 and Synchronizing a Cabinet on the Kiosk on page 21.

When installing a Cabinet on the mobile device, the configuration file automatically registers the device with the Cabinet without the need to manually link a mobile device with the Cabinet by scanning the QR Code displayed on the Register device screen on the Kiosk.

Generating the Cabinet Configuration Files

The Company Admin can generate the Cabinet configuration files at the ZAMS Portal.

1. Log in to the ZAMS Portal at zams.zebra.com with the Company Admin credentials.

2. Select Offline Cabinet Setup (2) in the Configurations (1) drop-down menus.

The Offline Cabinet Setup screen displays.
3. To generate the offline Cabinet configuration file, select a site and a Cabinet configured previously in the Site (1) and Cabinet (2) drop-down menus.

4. Enter the Company Admin login credentials in the Company Admin User Name (3) and Company Admin Password (4) text boxes, and then click the Download Cabinet Setup (5) button.

The cabinet.config file is downloaded automatically.

Transfer the cabinet.config file to the /sdcard/Download/ folder prior to installing the application on the kiosk.

Generating the Device Configuration File

The Company Admin can generate the configuration file of the device at the ZAMS Portal.

1. Log in to the ZAMS Portal at zams.zebra.com with the Company Admin credentials.

2. Select Offline Cabinet Device Setup (2) in the Configurations (1) drop-down menus.

The Offline Cabinet Device Setup screen displays.
3. Enter an IP address and host name in the IP Address (1) or Host Name (2) text boxes.

4. Enter 9000 in the Port (3) field, and then click Download Cabinet Device Setup (4).

The cabinet-device.config file is downloaded automatically.

Transfer the cabinet-device.config file to the /sdcard/Download/ folder prior to installing the application on the mobile device.
ZAMS Software contains a number of components that must be installed on the kiosk and mobile devices. ZAMS can be installed on both the kiosk and devices using StageNow with manual file push, StageNow with local server push, and various MDM applications.

Review the Installation Prerequisites before proceeding with the kiosk and mobile device installations.

Kiosk Installation

Install ZAMS on the kiosk by manually copying files or transferring files from the local server in StageNow, or using an MDM tool such as SOTI, 42Gears, or VMWare Workspace ONE.

Copying Files Manually in StageNow

This method requires users to manually copy the required ZAMS files in the kiosk folder of the extracted ZIP file to the internal storage of the kiosk, and then use the StageNow application on the kiosk to complete the installation.

See Installation Prerequisites on page 9 and Cabinet and Device Configuration Files on page 23 to learn how to download the appropriate APK and configuration files from zebra.com/support.
1. Copy the following files into the /sdcard/Download folder in the kiosk:
   - AmsCore.apk
   - AMSKioskPermissions.xml
   - AmsUi.apk
   - cabinet.config
   - mac_randomisation.xml
   - ZamsKioskA11PlusStoragePermissions.xml.

2. Open the **StageNow** application in the kiosk.

3. Open the **AmsKioskInstall** PDF file in the extracted zip file.

   **NOTE:** See step 5 in **Downloading the Latest ZAMS Software** on page 9 to locate the PDF file.
4. With the StageNow application running, scan the barcodes in the AmsKioskInstall PDF file so that the ZAMS application can be installed and configured automatically on the kiosk.

ZAMS is now installed in the kiosk.

Loading Files from Local Server in StageNow

This method uses the StageNow administrator tool to import a StageNow profile to a host computer. The StageNow profile then uses the local File Transfer Protocol (FTP) storage to store the files required for the installation. Upon scanning the StageNow barcodes, the files are automatically loaded and installed on that kiosk.

**NOTE:** The computer hosting the StageNow local FTP storage and the kiosk must be connected to the same local area network (LAN).

1. In the kiosk, locate the ZAMS Device installation StageNow Profile in the Admin folder in the extracted zipped file:
   - Use the Ams_Kiosk_Install.zip file for a kiosk installed with Android 7, 8, 9, and 10 operating systems.
   - Use the Ams_Kiosk_Install_All.zip file for a kiosk installed with the Android 11 operating system.

2. Open StageNow on the host computer, and then select Administrator Login.
3. Login to StageNow using an Administrator password.

4. Select **All Profiles** (1), and then click **Import Profile(s)** (2).
5. Select the file location that has the zipped file, and then click **Import**.

The window displays a **Profile imported successfully** message.

6. On the **All Profiles** screen, select the **Ams_Kiosk_Install** profile.

7. Select **Publish (2) > Staging Client (1) > Publish (3)**.
8. Add a custom instruction, and then click **Publish Now** (1).
9. Click **Stage** (1) to generate a PDF with barcodes.

These barcodes are required to be scanned using the StageNow application on the kiosk.
10. Open the StageNow application on the kiosk, and then scan the barcodes generated in step 9 to automatically install the ZAMS software into the kiosk.

11. Follow the steps on the screen to scan the remaining barcodes.

ZAMS is successfully installed on the kiosk.
Device Installation

Install ZAMS on the mobile device by manually copying files or transferring files from the local server in StageNow, or using an MDM tool such as SOTI, 42Gears, or VMWare Workspace ONE.

Copying Files Manually in StageNow

This method requires users to manually copy the required ZAMS files in the device folder of the extracted ZIP file to the internal storage of the mobile device, and then use the StageNow application on the mobile device to complete the installation.

See Installation Prerequisites on page 9 and Cabinet and Device Configuration Files on page 23 to learn how to download the appropriate APK and configuration files from zebra.com/support.

1. Copy the following files into the /sdcard/Download folder in the mobile device:
   - AmsDevice.apk
   - cabinet-device.config
   - dwprofile_AmsDevice.db
   - dwprofile_amsPin.db
   - ZamsA10SerialPermission.xml
   - ZamsDeviceA11PlusStoragePermission.xml
2. Open the **StageNow** application in the mobile device.

   ![StageNow Application](image1)

   **StageNow** is waiting for input from any of the staging methods below.

   **Staging Methods**
   - **Barcode Staging**: Always On
   - **NFC Staging**: Waiting for NFC Tag
   - **Local File Staging**: Stage with an on-device .bin file

3. Open the **AmsDeviceAndDwProfileInstall** PDF file in the extracted zipped file.

   **NOTE:** See step 5 in **Downloading the Latest ZAMS Software** on page 9 to locate the PDF file.

4. With the StageNow application running, scan the barcodes in the **AmsDeviceAndDwProfileInstall** PDF file so that the ZAMS application can be installed and configured automatically on the device.

   ![Barcode Scan](image2)

   ZAMS is now installed on the mobile device.

**Loading Files from Local Server in StageNow**

This method uses the StageNow administrator tool to import a StageNow profile to a host computer. The StageNow profile then uses the local File Transfer Protocol (FTP) storage to store the files required for the
installation. Upon scanning the StageNow barcodes, the files are automatically loaded and installed on that mobile device.

**NOTE:** The computer hosting the StageNow local FTP storage and the mobile device must be connected to the same local area network (LAN).

1. In the kiosk, locate the ZAMS Device installation StageNow Profile in the Admin folder in the extracted zipped file:
   - Use the `Ams_Device_Install.zip` file for a mobile device with Android 7, 8, 9, and 10 operating systems.
   - Use the `Ams_Device_Install_A11.zip` file for a mobile device with the Android 11 operating system.

2. Open StageNow on the host computer, and then select **Administrator Login**.

3. Login to StageNow using an Administrator password.

4. Select **All Profiles** (1), and then click **Import Profile(s)** (2).
5. Select the file location that has the zipped file, and then click **Import**.

The window displays a **Profile imported successfully** message.

6. On the **All Profiles** screen, select the **Ams_Device_Install** profile.

7. Select **Publish (2)** > **Staging Client (1)** > **Publish (3)**.
8. Add a custom instruction, and then click **Publish Now** (1).

9. Click **Stage** (1) button to generate a PDF with barcodes.

These barcodes are required to be scanned using the StageNow application on the mobile device.
10. Open the StageNow application on the mobile device, and then scan the barcodes generated in step 9 to automatically install the ZAMS software into the kiosk.

11. Follow the steps on the screen to scan the remaining barcodes.

ZAMS is successfully installed on the mobile device and the screen displays a **Enter Your Passcode** message, number keypads, and a **Register device** button.
Cabinet Registration in Devices

Users must register Cabinet on the mobile device before the ZAMS Software can be configured in the device. After registering with the Cabinet, the user can then unlock the device.

Two methods to register Cabinet on the mobile device are as follows:

- Load the `cabinet-device.config` file to the mobile device prior to installing the APK on the device. This configuration file automatically registers the mobile device with a selected Cabinet.
- Scan a QR Code displayed on the Cabinet UI to manually register the Cabinet.

**Automatic Registration**

Users can use the **StageNow** application to register the mobile device with the Cabinet automatically when installing ZAMS on the device.

Load the `cabinet-device.config` file to the mobile device prior to installing the APK on the device. This configuration file automatically registers the mobile device with a selected Cabinet. See [Loading Files from Local Server in StageNow](#) on page 35 to learn how to load the configuration file.

**Manual Registration**

When installing the ZAMS software on the mobile device, users may be required to manually register the Cabinet on the mobile device by scanning a QR Code displayed on the Cabinet user interface.

To manually register the mobile device:
1. On the CC6000 kiosk, touch **Register device** (1).

2. On the mobile device, touch the **Register device (1)** button, and then the **Scan to Register (2)** button.
3. Point the exit window of the device at the barcode display on the CC6000 kiosk to register ZAMS on the mobile device.

The mobile device displays a **Enter Your Passcode** message with number keypads on the screen after the registration is successful.

The mobile device is now associated with the Cabinet and ready to use.
ZAMS software undergoes continuous updates for software enhancement and to introduce new features. Therefore, it is necessary to update the APKs on the kiosk and mobile devices.

ZAMS can always be updated to replace the existing APKs in the kiosk or mobile device by using any installation methods outlined in this installation guide.

After updating the ZAMS software in the kiosk or mobile devices, users are not required to register Cabinet or mobile computer again.
Uninstallation

Uninstall the ZAMS software on the kiosk or mobile device manually when the software is not required.

**NOTE:** Uninstalling ZAMS on a kiosk or mobile device using the Mobile Device Managers (MDM) or other applications may require separate procedures from the following sections.

### Uninstalling the APKs in the Kiosk

To uninstall the ZAMS APKs in the kiosk, you must remove both the **AMS Core** and **AMS UI** applications.

1. Locate the **AMS Core** (1) and **AMS UI** (2) applications in the application menu.
2. Press and hold the **AMS UI** (2) application.

![Application Menu](image1)

An **App info** (1) dialogue box displays.

3. Touch **App info** (1).

   The **App info** screen displays.

4. On the **App info** screen, touch **UNINSTALL** (1).

![App Info Screen](image2)

5. On the uninstalling confirmation dialog box, touch **OK**.

   The **AMS UI** application is no longer showing in the application menu.

6. To remove the **AMS Core** application, repeat step 1 to step 5 illustrated in this section.

Both the **AMS Core** and **AMS UI** applications are not in the application menu.
Uninstalling the APKs in the Mobile Device

To uninstall the ZAMS APKs in the mobile device, you must remove the AMS Device application.

**NOTE:** Users can also use the AmsDeviceRemove.xml file with EMM or StageNow to uninstall the APKs. The AmsDeviceRemove.xml file is in the ZAMS Auto Install folder. When using this XML file, the device does not prompt the Device admin app screen during the uninstallation process.

1. Locate the AMS Device (1) application in the application menu, and then press and hold the icon.

   ![App info](image1)

   An App info (2) dialogue box displays.

2. Touch App info (2).

   The App info screen displays.

3. On the App info screen, touch UNINSTALL (1).
4. On the **Device admin app** screen, touch **Deactivate & uninstall** (1).

On the uninstalling confirmation dialog box, touch **OK**.

The **AMS Device** application is no longer showing in the application menu.
This section consists of a list of glossaries as a reference when users are installing ZAMs software on the kiosk and mobile device.

### Glossary of Terms

Refer to this list of terms and definitions when installing ZAMs software on the kiosk and mobile device.

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AmsCore.apk</td>
<td>An APK file of the ZAMS Core Service must run on the kiosk to enable the core kiosk functionality.</td>
</tr>
<tr>
<td>AmsDevice.apk</td>
<td>An APK file of the ZAMS Device must run on the mobile device to enable the core mobile device functionality.</td>
</tr>
<tr>
<td>AmsDeviceAndDwProfileInstall.xml</td>
<td>An XML file used by the MDM to install the ZAMS Device application and DataWedge profiles on the mobile device.</td>
</tr>
<tr>
<td>AmsDeviceAndDwProfileInstall.zip</td>
<td>A zipped file containing the StageNow profile that can be imported into the StageNow administrator tool to manage the installation of the ZAMS Device application and DataWedge profiles on the mobile device.</td>
</tr>
<tr>
<td>AmsDeviceRemove.xml</td>
<td>An XML file used by the EMM or StageNow to uninstall the AMS Device application on the device.</td>
</tr>
<tr>
<td>AmsKioskInstall.xml</td>
<td>An XML file used by the MDM to install the ZAMS Core and ZAMS UI applications on the kiosk.</td>
</tr>
<tr>
<td>AmsKioskInstall.zip</td>
<td>A zipped file containing the StageNow profile that can be imported into the StageNow administrator tool to manage the installation of ZAMS Core and ZAMS UI application on the kiosk.</td>
</tr>
<tr>
<td>AmsUi.apk</td>
<td>An APK file of the ZAMS UI must run on the kiosk to enable the core kiosk functionality.</td>
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</tr>
<tr>
<td>Cabinet.config</td>
<td>A configuration file used during the kiosk installation process to automatically register a Cabinet on the kiosk.</td>
</tr>
<tr>
<td>Cabinet-device.config</td>
<td>A configuration file used during the mobile device installation to automatically register the mobile device in the kiosk.</td>
</tr>
<tr>
<td>DataWedge</td>
<td>An application to configure data capture services such as barcode scanning without the need to modify software applications.</td>
</tr>
<tr>
<td>dwprofile_AmsDevice.db</td>
<td>A DataWedge profile used by the mobile device to enable barcode scanning functionality to manually register a mobile device in the kiosk.</td>
</tr>
<tr>
<td>Dwprofile_amsPin.db</td>
<td>A DataWedge profile used by the mobile device to enable barcode scanning functionality to enter a PIN code by scanning a barcode.</td>
</tr>
<tr>
<td>Kiosk</td>
<td>An Android concierge kiosk runs the ZAMS Core and ZAMS UI applications.</td>
</tr>
<tr>
<td>mac_randomisation.xml</td>
<td>An XML file that disables MAC randomization on a kiosk that is running the Android 11 operating system.</td>
</tr>
<tr>
<td>Mobile device</td>
<td>An Android mobile device runs the ZAMS Device application.</td>
</tr>
<tr>
<td>Zebra Mobility DNA (MX)</td>
<td>An additional enterprise-class security and management function layer for Android devices.</td>
</tr>
<tr>
<td>StageNow</td>
<td>An Android and Windows Desktop application that can perform automated application and service installation into the device by scanning barcodes.</td>
</tr>
<tr>
<td>ZAMS</td>
<td>Zebra Access Management System</td>
</tr>
<tr>
<td>ZamsA10SerialPermission.xml</td>
<td>An XML file to use to enable certain permissions on the mobile devices with the Android 10 operating system during the ZAMS installation process.</td>
</tr>
<tr>
<td>ZamsDeviceAllPlusStoragePermission.xml</td>
<td>An XML file to use to enable certain permissions on the mobile devices with the Android 11 operating system during the ZAMS installation process.</td>
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<td>ZamsDeviceAllPlusStoragePermission.zip</td>
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<tr>
<td>Zams_Device_Install.zip</td>
<td>A zipped file containing the StageNow profile that can be imported into the StageNow administrator tool to automatically install ZAMS Device on the mobile device. For Android 7, 8, 9, and 10 only.</td>
</tr>
<tr>
<td>Zams_Device_Install_A11.zip</td>
<td>A zipped file containing the StageNow profile that can be imported into the StageNow administrator tool to automatically install ZAMS Device on the mobile device. For Android 11 only.</td>
</tr>
<tr>
<td>ZamsKioskA11PlusStoragePermission.xml</td>
<td>An XML file to use to enable certain permissions on the kiosks with the Android 11 operating system during the ZAMS installation process.</td>
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<td>ZamsKioskA11PlusStoragePermission.zip</td>
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<td>Zams_Kiosk_Install.zip</td>
<td>A zipped file containing the StageNow profile that can be imported into the StageNow administrator tool to automatically install the ZAMS Core and ZAMS UI applications on the kiosk. For Android 7, 8, 9, and 10 only.</td>
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<td>Zams_Device_Install_A11.zip</td>
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