Lookout® Mobile Endpoint Security

Lookout® Mobile Endpoint Security Console Administrator's Guide

March 2018

Copyright and disclaimer

Table of contents

Preface

Lookout Mobile Endpoint Security (MES) provides comprehensive risk management across iOS and Android devices to secure against app, device, and network-based threats and vulnerabilities while providing visibility and control over data leakage. With a seamless integration to your EMM solution, Lookout empowers your organization to adopt secure mobility without compromising productivity.

About this guide

This guide serves as an overview of the Lookout MES Console and outlines the administrative tasks involved in managing users and devices, and responding to issues.

Audience

This guide is for administrators, business users, and mobile security engineers who administer and support a Lookout deployment.

Typographic conventions

The following table describes the typographic conventions used in this document.

Typeface	Meaning
User interface elements	This formatting is used for graphical user interface elements such as modules, dialog boxes, buttons, and field labels.
`Code sample`	This formatting is used for sample code segments.
<Variable>	This formatting is used for variable values. For variables within a code sample the formatting is <*`Variable`*>.
`File/path`	This formatting is used for filenames and paths.
>	The right angle bracket, or greater-than sign, indicates menu item selections in a graphic user interface, e.g., **File > New > Tag**.

Introduction to the Lookout Mobile Endpoint Security Console

The Lookout MES (Mobile Endpoint Security) Console is the main interface for analyzing and responding to threats and vulnerabilities affecting your company's mobile devices. It monitors mobile devices from threats by malicious applications, or potential risks from benign apps that may be installed on a device. The MES Console provides a comprehensive view of applications installed on any device enrolled in Lookout's Mobile Endpoint Security product.

The Lookout for Work mobile application is the device-side agent, detecting threats on mobile devices and reporting the information to the end user and also to the console. Lookout for Work is available for iOS as an enterprise signed `.ipa` file or from the App Store. It is available for Android as an `.apk` file or from the Google Play Store.

This section serves as a guide for your initial login to the Lookout MES Console, so that you can find the information you need and set up your notification email preferences.

> **NOTE:** If you are deploying Lookout for the first time, follow the steps in the Deployment Guide for your environment to integrate your MDM with Lookout:
>
> - Deploying Lookout with Microsoft Azure Active Directory and Intune
> - Deploying Lookout with MobileIron
> - Deploying Lookout with VMware AirWatch
> - Deploying Lookout with IBM MaaS360
> - Deploying Lookout with BlackBerry UEM

Logging in to the MES Console

You log in to the Lookout MES Console at https://app.lookout.com, or https://aad.lookout.com for Azure Active Directory integrations.

Lookout creates MES Console Administrators for the users your company requests during initial setup. New Administrators receive a welcome email that directs them to the console and prompts them to set a password.

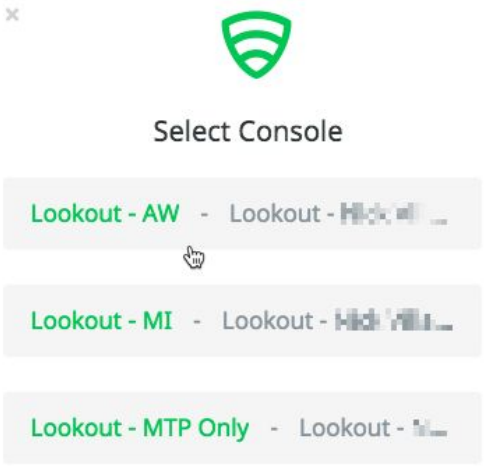
> **IMPORTANT:** Deployments with Microsoft Azure Active Directory and Intune require an AAD Global Administrator to accept initial consent before users can log in to MES. For more information, see Deploying Lookout with Microsoft Azure Active Directory and Intune.

Switching the Active Console

If you have access to the MES Console for multiple tenants, such as test and production environments, Lookout prompts you to select one on login. Once you are logged in, you can switch between tenants using the Switch Console option in your user menu:

1. Click on your username at the bottom of the Navigation Bar and click **Switch Console**:

   A dialog appears that lists your available consoles.
2. Select the console you wish to access:



MES Console Overview

The Navigation Bar on the left side of the MES Console lists the available modules. Click any of the links in the left column to read about a module in detail:

Module	Description
Dashboard	The landing module for the MES Console. The Dashboard provides an overview of Devices, Risks, and Active Issues. It also features App Analysis information if you have purchased Lookout MES Comprehensive.
Issues	Lists both Active and Resolved Issues, as well as the affected device and the detection date. You can click an issue for additional information. You can also filter the list as described in Filtering Search Results.
Devices	Lists Active, Inactive, and Disconnected devices.

	You can click a device for more information. You can also filter the list as described in Filtering Search Results.
Apps	**(MES Comprehensive customers)** Lists apps detected on enrolled devices, including the app version, operating system, number and percentage of devices running the app, detection date, and detected security violations. You can click an app for more information. You can also filter the list as described in Filtering Search Results.
Policies	Review and set the policies for different issue classifications, including assigning a severity level (Low, Medium, or High) and setting a Response (Alert or Don't Alert the user on the affected device). Compliance actions, such as restricting an affected device from your network, are typically handled by an MDM based on the severity level information sent by Lookout.
System	Replaces the Navigation Bar with the System bar. See below.
Support	Opens the Lookout Enterprise Support Portal in a new browser tab. Use your Lookout MES Console login credentials to log in. From here, you can access product documentation or file a ticket with the Support team.

System Modules

The System bar includes the modules below:

Page	Description
Account	Displays your company account information including organization, license usage, and the global enrollment code for manually adding devices to your Lookout MES tenant.
Manage Admins	Lists all MES Console Administrators. You can add new Administrators from here, or search the list by name or email. **NOTE:** For Azure Active Directory integrations, you do not modify Admin users from this module. Instead, add new administrators directly to the AAD Groups specified in the Intune Connector.
Enrollment Settings	**(Non-MDM deployments)** If you are not using a Mobile Device Management (MDM) solution, you can enroll devices directly from the MES Console. If you are running Lookout alongside an MDM, you should send invitations from the MDM, as documented in the corresponding Deployment Guide. Review and set the maximum number of devices to enroll from a single Lookout for Work invitation email, as well as the expiration period before the invitation becomes invalid. You can also set the disconnection period before

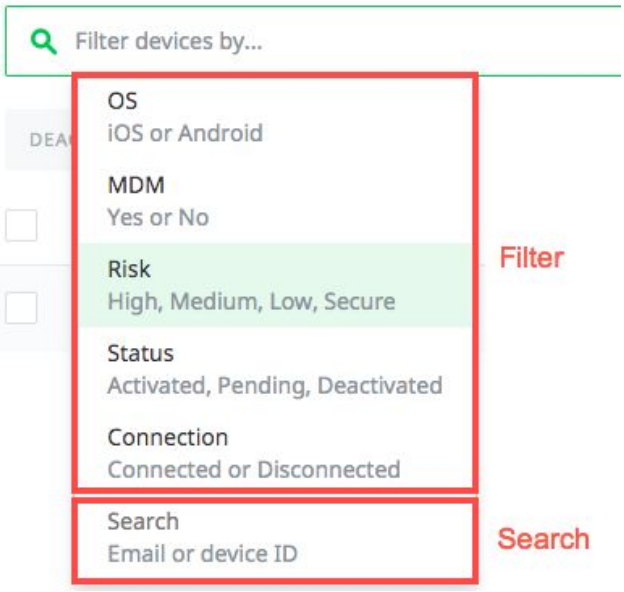
	a device is considered unenrolled.
Send Invites	**(Non-MDM deployments)** Send Lookout for Work invitation emails by uploading a `.csv` file or by manually entering a list of email addresses.
Manage Invites	**(Non-MDM deployments)** Lists email invite information, including date sent, recipient email address, status, device quota, reminders sent, expiration date, and enrollment token. You can archive invites to remove them from the list. You can also filter the list as described in Filtering Search Results.
iOS Configuration	Review and set the deployment method and other options for the iOS Lookout for Work app. Depending on your tenant configuration, this module may contain options for uploading the Enterprise Signed Lookout for Work `.ipa` file, or it may require a link to the App Store edition of Lookout for Work.
Connectors	Review and configure MDM connectors.
Application Keys	Review and generate application keys for communicating with Lookout from your SIEM application.

Searching and Filtering Lists

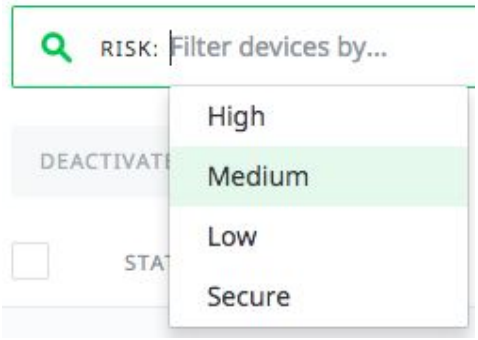
Most of the modules in the Lookout MES Console support text search, as well as filtering based on the available columns. You can also sort many of the columns in Ascending or Descending order.

To search or filter a list on a module:

1. Click the Search field.
   A list displays with the available filters, as well as the searchable fields at the bottom:



2. To search, enter your query text. To filter, click a filter.
   The filter list is replaced with a list of available values:



3. Click a value.
   The list is filtered based on the value, and the search bar is updated to indicate the active filter:

4. To apply multiple filters, repeat Steps 1-3 as many times as desired.
   You can also add multiple values for the same filter:

   For multiple values, such as Risk: Medium and Risk: Low, the results display items matching any of the values. A filter for **OS: Android, Risk: Medium, Risk: Low** returns Android devices that are Risk: Medium and Android devices that are Risk: Low.
5. To remove a filter, click its **X** icon.

You can filter the modules below for the listed fields:

- **Issues:** Discovered In last x days, Risk, Status, OS, Issue Type, Classification
- **Devices:** OS, MDM, Risk, Status, Connection
- **Apps:** Data Access, Cloud Service, Malware, Data Transfer, Source, OS, Blacklisted, Custom Policies

Exporting Filtered Data

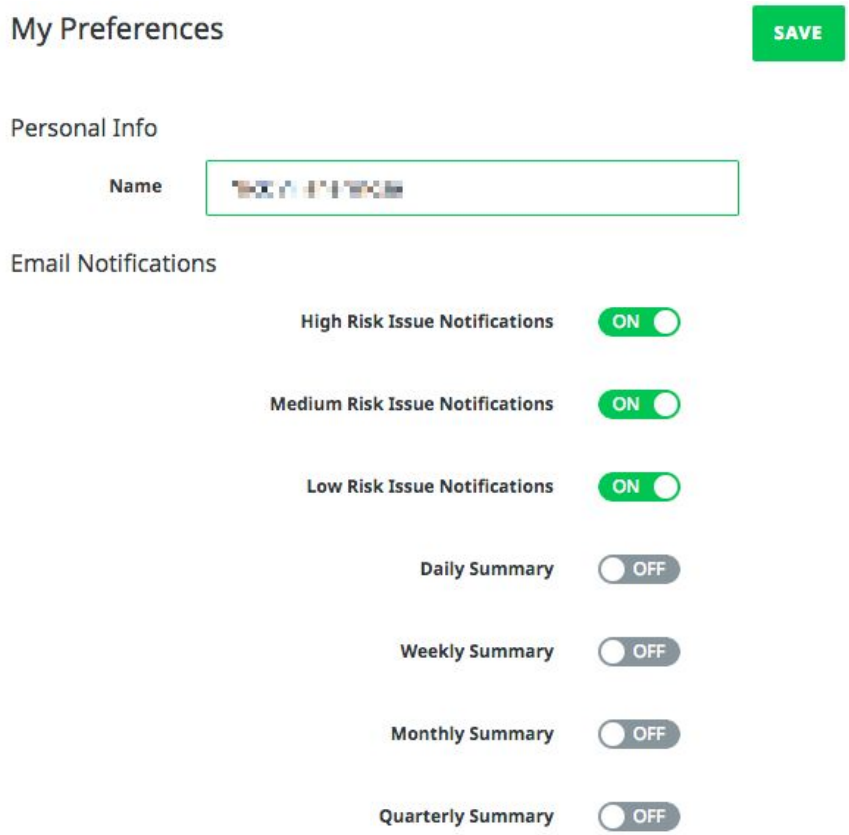
Several modules have an **Export Data** button in the top-right. This operation exports information to a `.csv` file. It respects any active filters, so if you are viewing the Issues page and have it filtered to Risk: High, then the MES Console exports a list of only High Risk issues.

Configuring Notification and Summary Emails

By default, new MES Console Administrators receive notification emails for any Medium or High severity issues, plus weekly summary emails. You can modify these settings from your **My Preferences** module.

1. Click on your username at the bottom of the Navigation Bar and click **My Preferences**:

2. Toggle the notification and summary emails you want to receive:

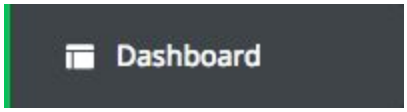


3. Click **Save**.

Lookout Mobile Endpoint Security Console UI Reference

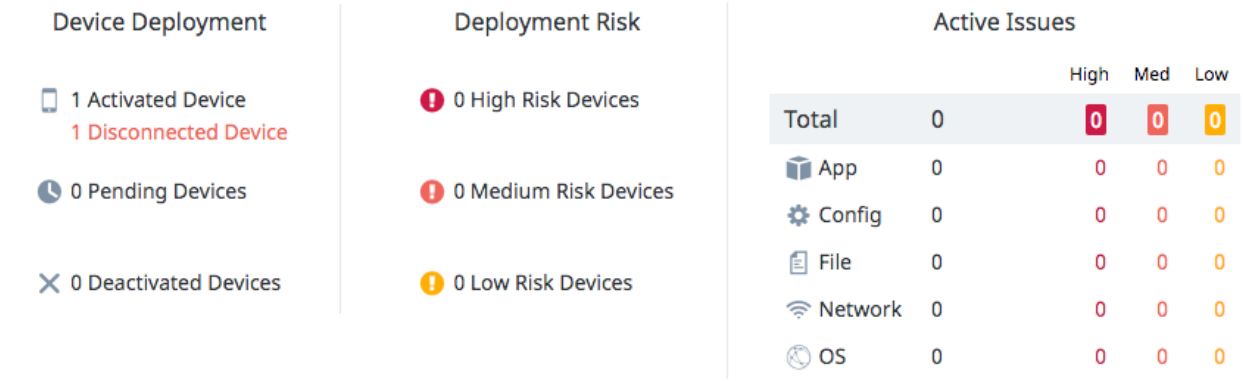
This reference provides detailed information about the modules in the MES Console.

The Dashboard Module



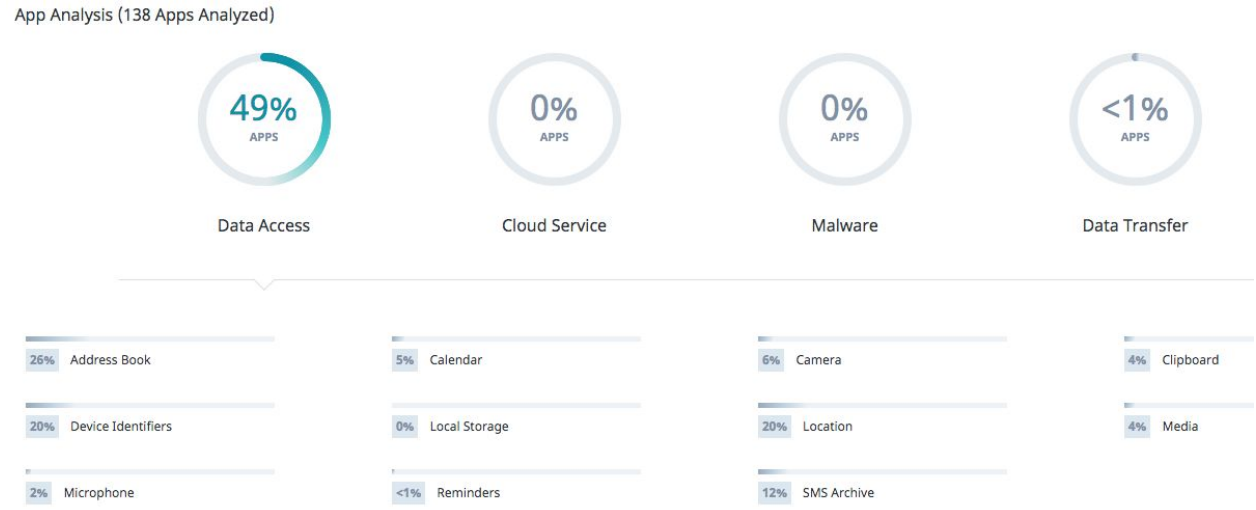
The MES Dashboard presents a summary of your enrolled devices, as analyzed by the Lookout Security Cloud. The Dashboard contains three sections, plus a fourth for MES Comprehensive customers:

Device Deployment



Device Deployment reflects a summary of the devices enrolled in the MES application, the risk to each device, and active issues across devices. This summary can be used as a “quick view” to understand what you should address in order to mitigate threats to the organization.

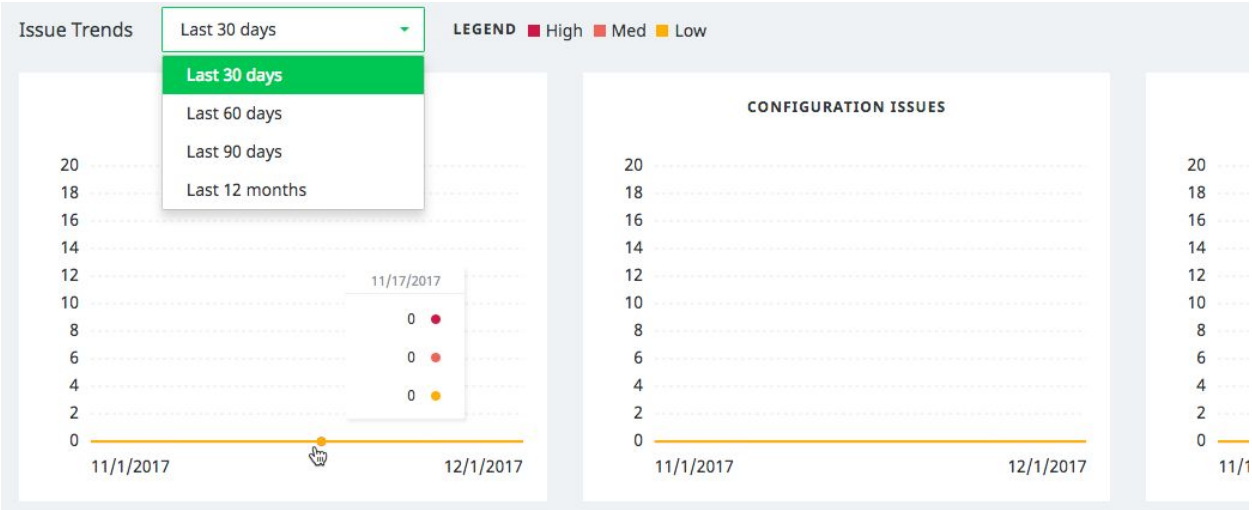
App Analysis (MES Comprehensive)



MES Comprehensive customers can review the App Analysis section to see the major vulnerability categories for apps on enrolled devices, as well as details on specific vulnerabilities. The four major categories are Data Access, Cloud Service, Malware, and Data Transfer. The center of each graph shows the percentage of enrolled devices with installed apps in that category. Clicking any category shows the issue types for that category.

Click an issue type in the lower list to immediately navigate to the **Apps** module, with filters applied to show only Apps with issues of that type.

Issue Trends



Issue Trends displays trends in the issues affecting your enrolled devices. Trends are displayed across the following categories:

- Application Issues

- Configuration Issues
- File Issues
- Network Issues
- Operating System Issues

You can change the displayed time period using the dropdown at the top of the section, or mouseover the X-axis to display the number and severity of issues for a given date.

> **IMPORTANT:** Modifying the displayed time period also affects the Issue Detections Breakdown below.

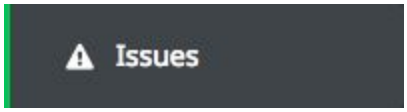
Issue Detections Breakdown

The Issue Detections Breakdown shows issue information by classification. The information uses the same time period that you set in the Issue Trends dropdown. The columns are:

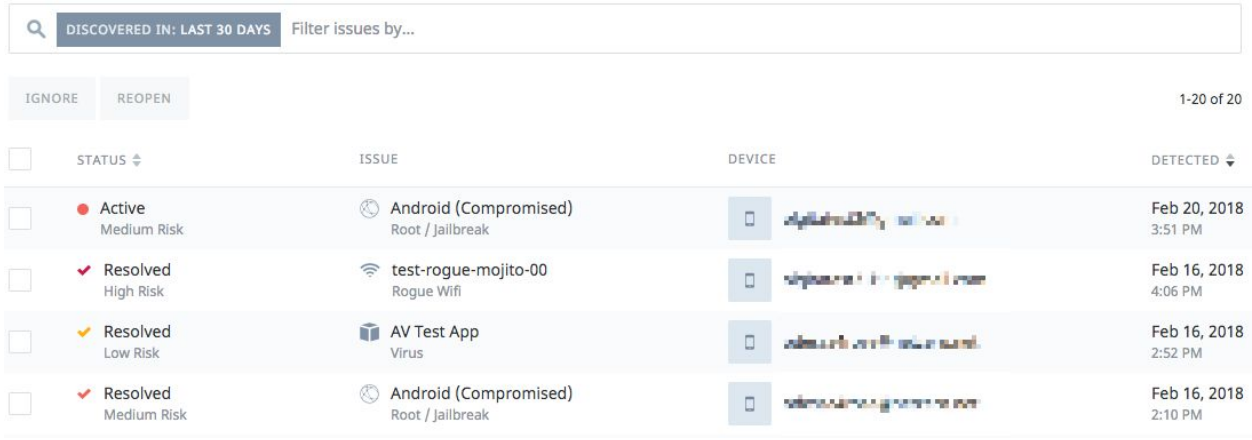
- Issue classification.
- Miniature trend graph for the time period.
- Detections over the time period, sorted into High, Medium, and Low risk categories.
- Number of detected and resolved issues over the time period, along with the percentage of resolved issues.
- Average resolution time.

Click a row in the table to immediately navigate to the **Issues** module, with filters applied to show only that class of issues.

The Issues Module



The Issues module displays a list of all issues against enrolled devices so that you can review attacks or vulnerabilities across issue types, operating systems, and other categories.



- **Status:** Active or Resolved, and the Risk Level as determined by your Policies settings.
- **Issue:** A summary of the issue or the cause (such as the network name for a Rogue Wi-Fi detection), with the Issue Classification listed below.
- **Device:** The end user email associated with the compromised device. If you have Privacy Controls enabled, this column is present, but left blank.
- **Detected:** The date and time that the issue was detected.

You can select one or more issues and click the **Ignore** button at the top of the list to mark them as ignored issues. In the MES Console, ignored issues are treated as if they are not present. This means:

- They do not modify the device's Risk Level. If all issues on a device are set to Ignored, then the device is marked as Secured.
- They do not generate alerts in the MES Console.
    - For iOS devices, Ignoring an issue removes the notification from the end user device.
    - For Android devices, Ignoring an issue does not affect the issue count and notification on the end user device.
- They are not included in summary emails.

You can review ignored issues by filtering the list on **Status > Ignored**.

You can Reopen a Resolved issue by selecting it and clicking the **Reopen** button at the top of the list.

You can export issue information to a CSV file by clicking the **Export List** link in the upper-right.

Filtering the Issue List

The filtering options are:

- **Discovered In Last [30 days/60 days/90 days/12 months]:** View recent issues only. The "Last 30 days" filter is applied by default.
- **Risk:** View High, Medium, or Low severity issues, based on the assigned levels from the Policies module.
- **Status:** View Active, Resolved, or Ignored issues to see current issues, remediated issues, and issues that are active but have been ignored by an MES Console Administrator.
- **OS:** View only iOS or Android issues to get a better idea of operating system vulnerability across your enrolled users.

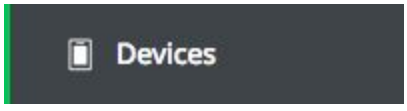
- **Issue Type:** View one or more types of issues.
    - **Application:** Installed apps that pose a risk.
    - **Configuration:** Device settings that leave the device exposed to attack.
    - **File:** Issues on the file system, such as downloaded third party apps (`.ipa` or `.apk`).
    - **Network:** Issues that allow a malicious actor to intercept data sent between two parties.
    - **OS:** Compromised operating systems, such as those on jailbroken or rooted devices.
- **Classification:** View specific classes of issues, such as Spyware or Trojans.
  For a description of each classification, see the Policies module in the MES Console.

Issue Details

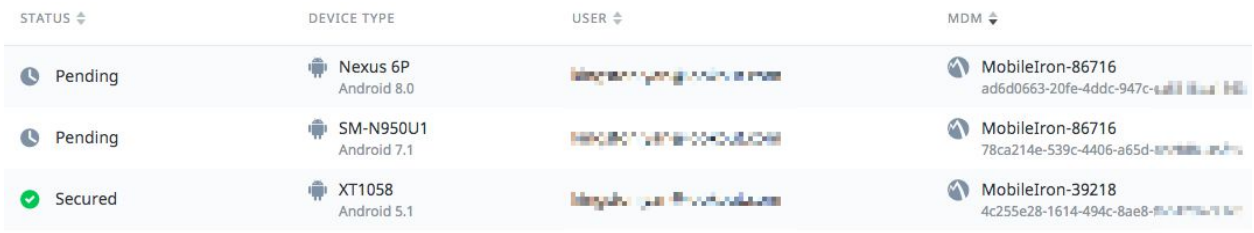
Click any issue to see the Issue Details page. It includes the following:

- **Issue Status:** Active, Resolved, or Ignored.
  For “Active” issues, an MES Console Administrator can change the status to “Ignored”
- **Risk:** High, Medium, or Low.
- **Issue Type**: The high level category, such as Application, Configuration, File, Network, or OS.
- **User:** Typically the email address for the user associated with the device.
- **Dwell time:** The time between detection and resolution.
- **Classification:** The specific category, such as Spyware or Trojan.
- **Family Name:** Issues are often grouped into families based on their authorship, shared code, and common purpose or motivation
- **Classification Description:** A definition of the issue classification that describes the general capabilities and behaviors.
- **About <*Family Name*>:** Provides greater detail around the detected issue and its potential impact.
- **Application Details (MES Comprehensive only):** Lists the app package and includes a link that to the app analysis results.
- **Device Details:** Lists the device owner and includes a link to Device Details page.
  For more information, see Device Details.
- **Issue History:** Lists the actions involving the issue, which may be **Security event detected** or **Issue status changed/resolved/ignored**.
  Each action has an associated actor, who may be the MES Console Administrator or the device end user. For App or File issues that are resolved by the endpoint, the actor is listed as the LES Client.

The Devices Module



The Devices module lists all devices that are currently enrolled in Lookout, or were previously enrolled.



- **Status:** Activated, Pending (for devices where an enrollment email has been sent but the user has not yet enrolled), and Deactivated.
- **Device Type:** The device model and operating system.
- **User:** Typically the email address for the user associated with the device.
- **MDM:** The MDM managing the device, if any. For deployments with multiple MDM Connectors, this also includes the connector ID to determine which instance of an MDM a device is associated with.
- **Connection:** Whether the device is Connected to Lookout or Disconnected. Typically, you should expect a mobile device that is operating normally to connect to Lookout at least once every 3 days.

You can export this information to a CSV file by clicking the **Export List** link in the upper-right.

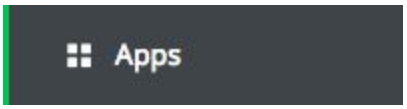
You can also **Deactivate** or **Delete** a device by checking it and clicking the corresponding button at the top of the list, or by selecting the device and clicking the button on the Device Details page.

Device Details

Click any device to see the Device Details page. It includes the following:

- **Status**, **User**, **Device Type**, **MDM**, and **Connection** as in the Devices table.
- **Issues:** The issue history of the device.
- **Configuration:** Whether the device has a lock screen or device encryption, and if it has Developer Mode, USB debugging, or apps from unknown sources enabled.
- **Software:** The device OS including the current version, latest available version, and number of unpatched known CVEs.
- **Lookout for Work App:** The device ID, app package, and app version.
- **Specs:** General device data.

The Apps Module (MES Comprehensive)



The Apps module is available to MES Comprehensive customers. The Apps Explorer shows all apps present across your enrolled devices as analyzed by Lookout Mobile Endpoint Security. The list is sorted in descending order of the percent of devices with an app installed.

- **App Name:** The app name and app package.
- **Version:** The version(s) present. You can click the row to expand if multiple versions are present.
- **OS:** Android or iOS.
- **Devices:** The number of devices running the app, and the percentage of total enrolled devices that represents.
- **First Detected:** The date and time the app was first detected on any of your enrolled devices.
- **Violations:** The number of known CVEs in the app.

App Details

Click any app in the Apps Explorer to see the App Details page. For apps with multiple versions, clicking the row expands the table to show all versions. You must select a specific version if you wish to review the details. The page includes the following:

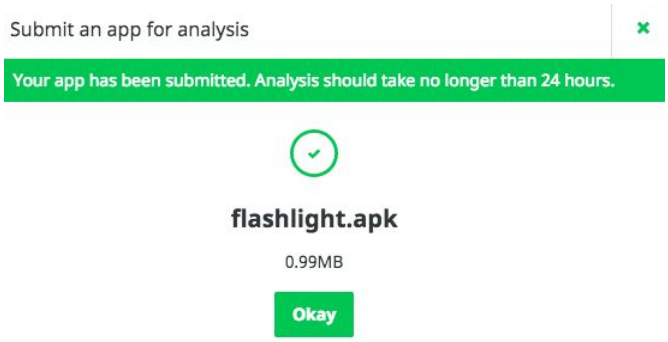
- **OS**, **Version**, **Prevalence in Fleet**, **First Detected** as in the Apps Explorer.
- **Developer**: The app developer.
- **File Size**: The size of the `.ipa` or `.apk` file.
- **Identification:** ID information such as the Bundle ID, Signing ID, Object ID, and App Store ID.
- **Description:** The app description as taken from the App Store or Google Play Store.
- **Violations:** A list of detected security violations.
- **Data Handling Security:** Whether the app transports and stores data securely.
- **Data Access and Transfer:** Whether the app accesses user data and/or transfers it.
- **Network Traffic**: A list of hosts the app communicates with.
- **Cloud Services in Use**: A list of Cloud services the app communicates with.
- **Components**: A list of components that have the potential for malevolent use.

Analyzing an App

You can upload an `.ipa` or `.apk` file to analyze an app even if it isn't present in your fleet. Note that after you upload the file, analysis can take up to 24 hours.

1. In the upper-right corner, click **ADD APP**.
   The Submit an app for analysis window appears.
2. Click and drag your `.ipa` or `.apk` file into the window, or click **choose a file** to browse to it.
   A progress ring displays while Lookout analyzes the app.

3. Upon success, the console displays the following confirmation screen:



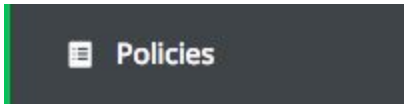
Blacklisting and Un-Blacklisting Apps

Blacklisting an App works together with defining a custom policy, as documented in Defining Custom Policies for Apps (MES Comprehensive).

1. Navigate to the App Details page for the app.
2. To blacklist an app, in the upper-right corner, click **BLACKLIST.**
3. To remove an app from the blacklist, click **UNBLACKLIST**.

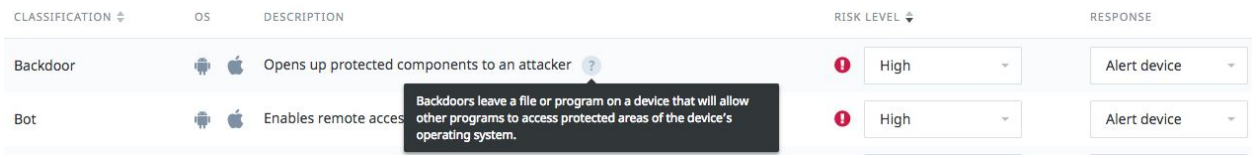
   NOTE: Adding or removing an app from the Blacklist affects all versions of that app.

The Policies Module



The Policies module is where you set the risk levels associated with different Issue classifications. You can discard your customizations and restore the default settings at any time by clicking the **Reset Defaults** link in the upper-right.

Each issue classification includes the following information:



- **Classification:** The name of the issue classification.
- **OS:** Whether the issue affects Android devices, Apple devices, or both.
- **Description:** A brief summary of the classification.
  You can mouse over the **?** icon for more details
- **Risk Level:** The risk level represents the severity of that issue classification.
  Lookout includes a set of default risk levels, but you should use the dropdown to set the risk levels appropriate to your organization.
- **Response:** For each classification, you can either alert the end user of the device or choose not to alert them.

By default, Lookout alerts the device user for all issue classifications except for non-App Store or sideloaded apps, since organizations often distribute their own signed apps for internal use.

Whitelisting Non-App Store Signers and Sideloaded Apps

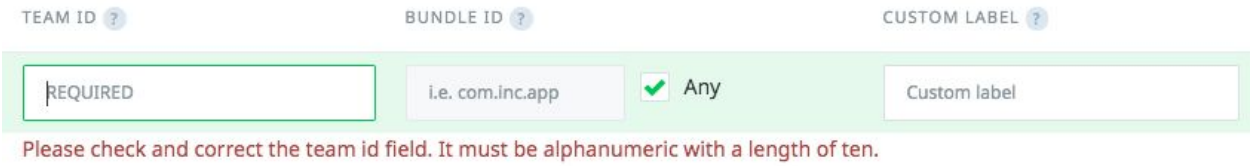
For iOS, Lookout reports the presence of apps that don't originate from the App Store. On iOS 8, 9, and 10 these issues are classified as sideloaded apps. On iOS 11, they are classified as non-App Store signers. For either classification, you can whitelist approved apps or signers in order to resolve any existing issues and prevent future issues and alerts:

> **NOTE:** If you have existing issues against a sideloaded app or non-App Store signer, you can go to the Issues module and click the issue in order to whitelist the app or signer without having to input the information manually.

To whitelist apps or signers from the Policies module:

1. Click the gear icon next to the issue classification:

   The **Configure Sideloaded App Policy** or **Configure Non-App Store Signer Policy** dialog appears.
2. Click **Add an Entry**.
3. For sideloaded apps, input the **Team ID**, **Bundle ID**, and an optional **Custom Label** to distinguish the app:



4. For non-App Store signers, input the exact Developer Name and an optional **Custom Label** to distinguish the signer:

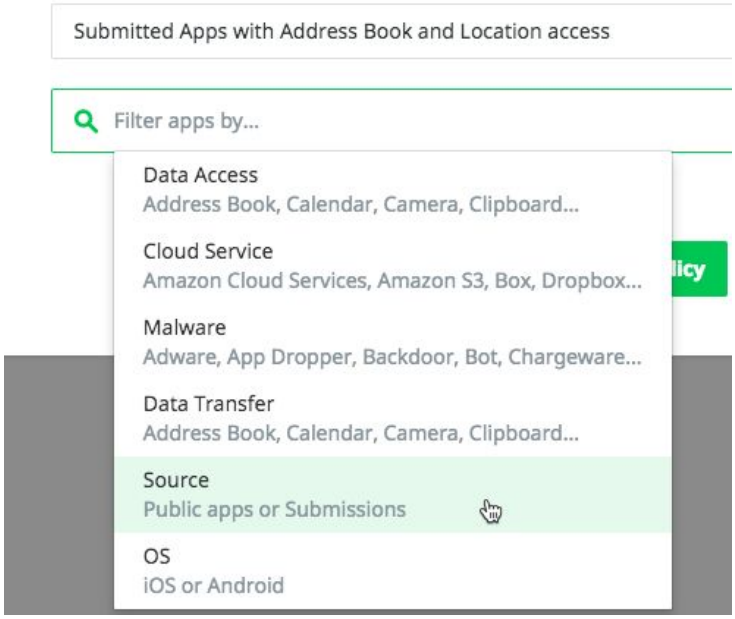
5. Click **Done**, then click **Save Changes**.

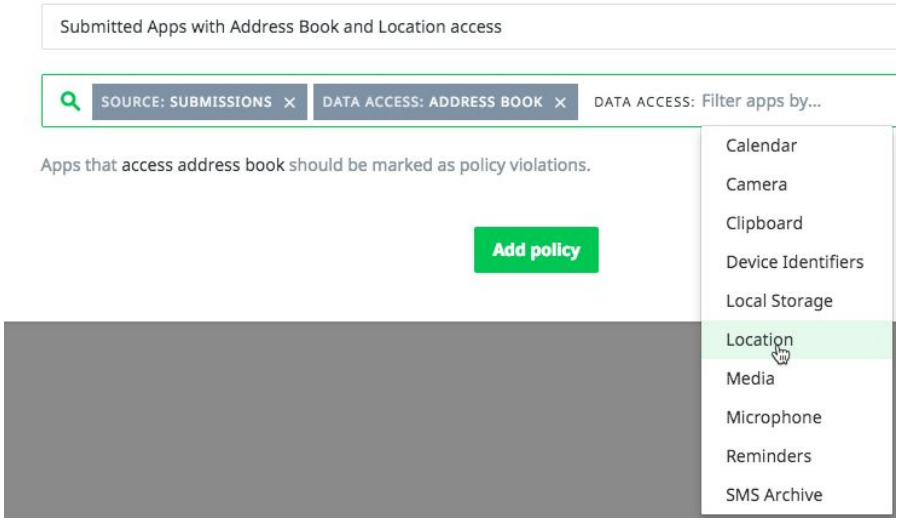
Defining Custom Policies for Apps (MES Comprehensive)

If you have Lookout MES Comprehensive, you can add your own policies for apps that fit specific criteria.

1. Click the **Custom** tab at the top of the screen:

2. Click **Add Policy**.
3. Enter a name for the policy.
4. Use the Search and Filter field to add app filters.
   For example, to add a policy for submitted apps that access either the user's Address Book or their Location, select **Source > Submissions** then **Data Access > Address Book** then **Data Access > Location**:





5. Click **Add policy**.
   Creating the policy causes the App Explorer module to flag all apps that violate the policy. Once

you have reviewed a questionable app in App Explorer, you can choose to blacklist it by clicking the **Blacklist** button. For more information, see Blacklisting Apps.

6. To configure a risk level, return to the **Policies** module **Issues** tab and set the policy for the **Blacklisted App** classification.
   This classification only applies to apps that you explicitly blacklist. It does not automatically apply to apps in violation of a custom policy.

You can delete an existing custom policy by highlighting the row and clicking the trashcan icon:

The Account Module

The Account module displays by default when you click open the System navigation bar. It displays your organization name and license status. This includes the number of purchased licenses, the license type, and the number of active users and devices. Contact your Lookout Sales representative if the license information is not what you expect.

It also displays your Global Enrollment Code, which you can use if users aren't able to successfully activate via email. If you have previously distributed the enrollment code to help users activate Lookout, you should use either the **Disable Global Code** or **Reset Global Code** buttons when you no longer want the previous code to be active.

The Manage Admins Module

Unless you are running a Microsoft Intune integration, the Manage admins module displays a list of all MES Console Administrators. You can add new Administrators from here by clicking **ADD ADMIN**, or search the list by name or email.

For Microsoft Intune, the Manage Admins module displays a notification indicating that MES Console Administrators are set based on Azure Active Directory (AAD) Groups. These are the groups configured for Full Access / Restricted Access / Read-Only Access in your Intune Connector settings under **System > Connectors.**. To modify access, either change the groups directly in AAD or change the Intune Connector settings to map to different groups.

Available access levels are:

- **Full Access**: No restrictions.
- **Restricted access**: The Admin can manage devices and issues, export content, or edit personal preferences. They can't edit security policies, enroll devices, or edit system preferences.Cannot edit security policy, enroll devices, or edit system preferences.
- **Read-Only access**: The Admin can only export content or edit personal preferences.

The Enrollment Settings Module

If you are not using a Mobile Device Management (MDM) solution, you can enroll devices directly from MES.

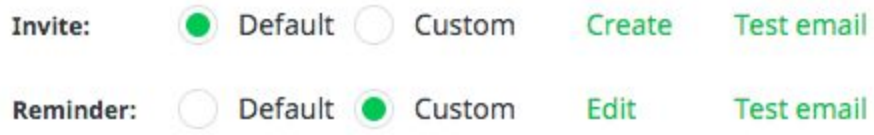
- **Email Templates**: Create or Edit default or custom email invitations and reminders.

- **Device Allotment**: The number of devices that a user can enroll using one activation email.
- **Invite Expiration**: How long an email invite remains usable, rom 1 day to 5 weeks.
- **Disconnected Status**: How long a device can go without connecting to Lookout before it is considered Disconnected, from 1 to 90 days.
- **Language**: See the Lookout Supported Platforms document for supported languages.

Creating a Custom Invitation or Reminder Email

Lookout has default email invites and reminders configured by default. To create a custom invite or reminder:

1. Verify that the **Custom** radio button appears:

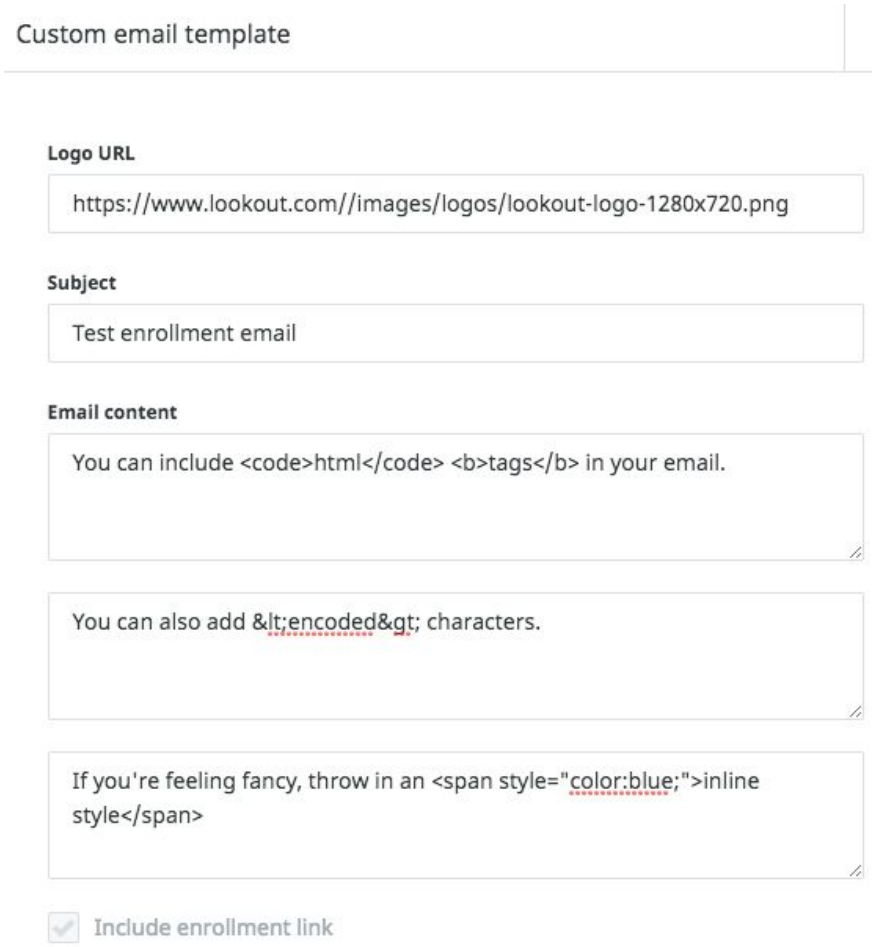


   If it is not present, contact Lookout Enterprise Support to enable this feature for your tenant.
2. Click the **Custom** radio button.
   The Custom email or reminder template window opens.
3. Enter the following:

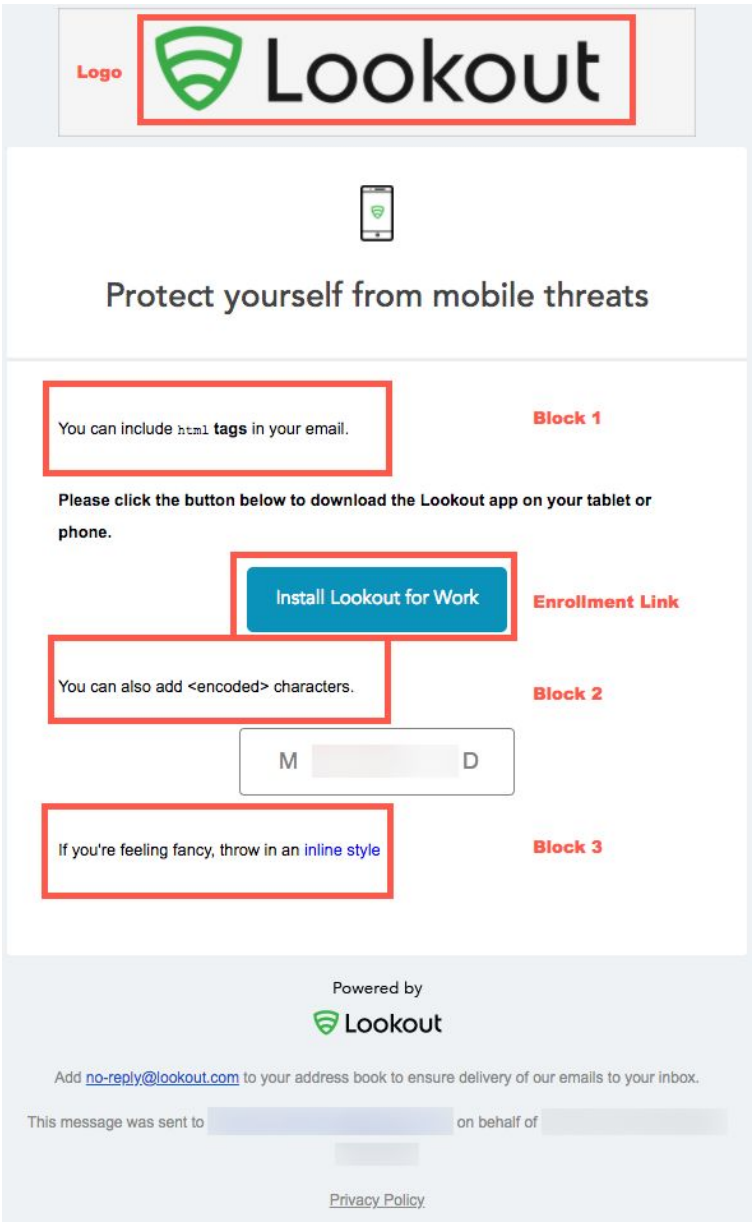
Field	Value
Logo URL	A link to your hosted logo image. This appears at the top of the email.
Subject	The email subject line.
Email Content	The email body.
Include Enrollment Link	Enabled by default.

4. Click **Save**
5. When you return to the Enrollment Settings module, click **Save** again.
6. To test the email, click the **Test email** link and input your email address, then click **Send**.

For example, these settings:


Custom email template
Logo URL
https://www.lookout.com//images/logos/lookout-logo-1280x720.png
Subject
Test enrollment email
Email content
You can include <code>html</code> tags in your email.
You can also add <encoded> characters.
If you're feeling fancy, throw in an inline style
Include enrollment link

Result in this email:



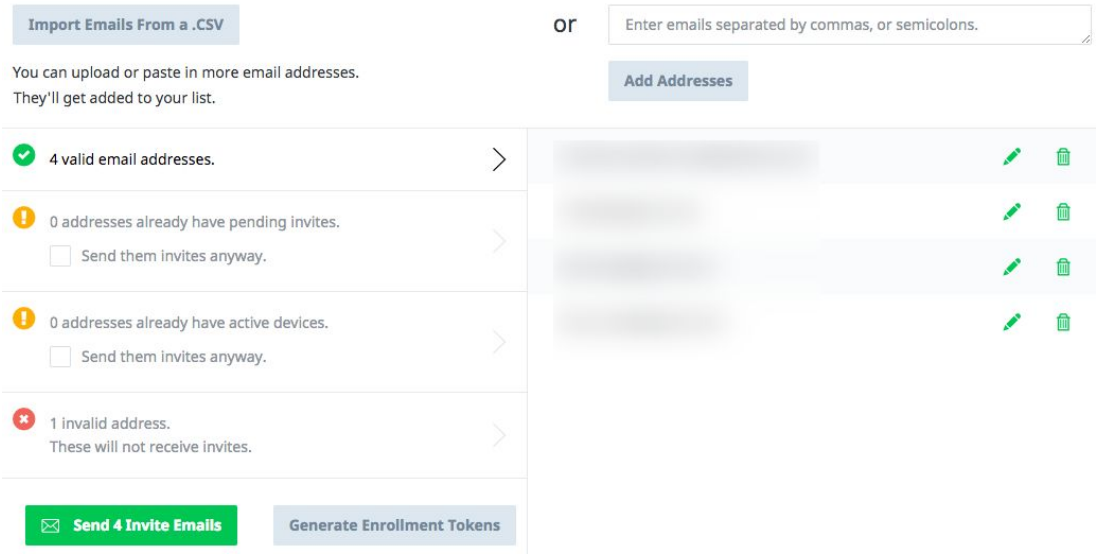
The recipient's email address and the Lookout MES Console tenant name are included at the bottom of the email.

The Send Invites Module

Once you've configured enrollment and reminder emails, you can send invites by uploading a `.csv` file or by entering a comma or semicolon delimited list of email addresses.

1. Click **Import Emails From a .CSV** and upload the file or input the names in the provided field and click **Add Addresses**.

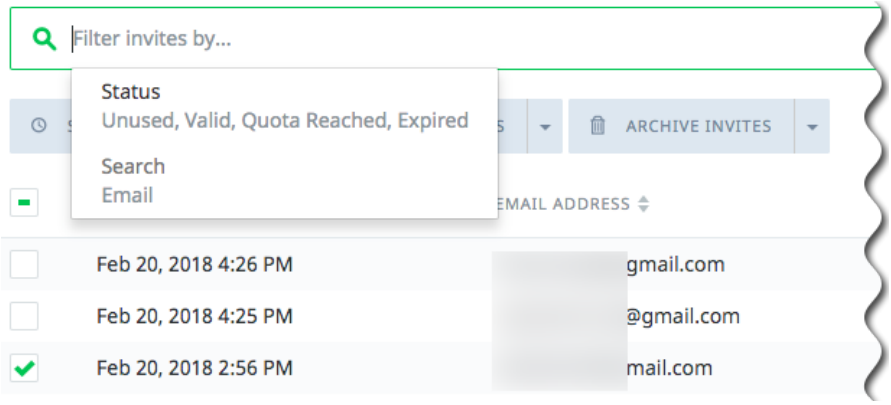
Lookout displays a summary showing which emails are valid, which are invalid, and which already have either pending invites or activated devices:



2. Click one of the following:
    - **Send <*number*> Invite Emails:** Send invites using the settings from The Enrollment Settings Module.
    - **Generate Enrollment Tokens:** This generates an enrollment token and adds the email addresses to the Manage Invites list, but lets you stop short of sending the actual email. To continue sending an invitation, navigate to the Manage Invites module, select the invitation(s), and click **Send New Invites**.

The Manage Invites Module

The Manage Invites module lists all invites from the Send Invites module and their status:



- **Initial Invite Sent**: The date and time of the original invitation email.
- **Email Address**: The recipient's email address.
- **Status**: Unused, Valid, Quota Reached, or Expired.
- **Devices Used**: The number of devices used out of the total number available for that invite.
- **Reminders Sent**: The number of reminders sent.
- **Expiration**: The invitation expiration date.
- **Token**: The enrollment token associated with the invite.

You can export this information to a CSV file by clicking the **Export List** link in the upper-right.

Managing Invites

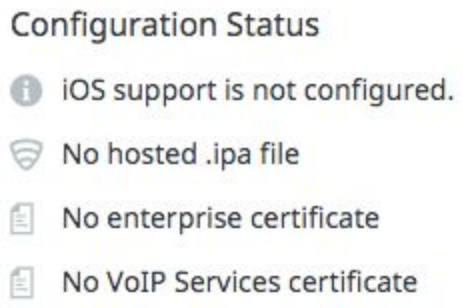
You can perform the following actions using the buttons at the top of the invites list:

- **Send Reminders**: Check one or more invitations and click this button to send a reminder email using the settings from The Enrollment Settings Module. Alternately, click the drop-down arrow to send reminders to **All Unused Invites** or **All Active Invites**.
- **Send New Invites**: Check one or more invitations and click this button to send new invitations using the settings from The Enrollment Settings Module. Alternately, click the drop-down arrow to send new invitations to **All Unused Invites**, **All Expired Invites**, or **All Expired & Unused Invites**.
- **Archive Invites**: Archive the invite, preventing the end user from using it to activate a device. Alternately, click the drop-down arrow to archive **All Expired Invites, All Invites That Have Reached Quota, All Unused Invites, All Invites Used At Least Once,** or **All Invites**.

The iOS Configuration Module

The iOS Configuration Module is where you review and set the deployment method and other options for the iOS Lookout for Work app. Depending on your tenant configuration, this module may contain options for uploading the Enterprise Signed Lookout for Work `.ipa` file, or it may require a link to the App Store edition of Lookout for Work.

Initially, the MES Console shows that the iOS app is not configured:



To distribute the In-House edition of the Lookout for Work iOS app, follow the steps in the iOS App Re-Signing Process article. This process is outlined in detail in the deployment guide for your MDM.

> **NOTE:** If you have uploaded a resigned Lookout for Work `.ipa` file, you cannot upload a prior version. For example, uploading the resigned `.ipa` for version 4.9 prevents you from reverting to the resigned .ipa for version 4.8, despite the upload process appearing to work.

The Connectors Module

The Connectors module lists any active MDM connectors. If you have no active connectors or if you are using an MDM that supports multiple connectors, then you can add a new connector by clicking **Add Connector**.

For detailed information on the connector settings for your MDM, refer to the Deployment Guide for your environment:

- Deploying Lookout with Microsoft Azure Active Directory and Intune
- Deploying Lookout with MobileIron
- Deploying Lookout with VMware AirWatch
- Deploying Lookout with IBM MaaS360
- Deploying Lookout with BlackBerry UEM

The Application Keys Module

If you are running an integration that communicates with Lookout's Mobile Risk API for logging purposes, you can review and generate application keys from the Application Keys module. For more information, refer to the SIEM Connector Guide.