Microsoft Teams

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Introduction to Microsoft Teams on RealWear

Microsoft Teams on RealWear turns the HMT into a voice-activated remote collaboration headset that can be deployed to outfit a fully connected workforce. RealWear is the only company that has a certified intrinsically safe head-mounted device for extremely hazardous areas where explosive gases are present.

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IT Admin Setup

Deploying Microsoft Teams to HMT Devices

Foresight Cloud Services for HMT-1

Resources

Getting started with Foresight Video: https://youtu.be/fnL8wO4o0Kk
Foresight Product Page: https://realwear.com/products/Foresight/
Foresight User Guide: Link here

How to Deploy Microsoft Teams to HMT Devices

Steps to Deploy with Foresight:

1. Login to Foresight
2. Verify Microsoft Teams on RealWear is in Apps posted by RealWear
3. Add HMT devices to Foresight
4. Create policy
5. Create device group
6. Test that Teams successfully deployed to HMT device

1. Login to Foresight Portal Login

Overview

- Tenant Admins and Tenant Admin Assistants may log into the Foresight portal.
- Portal is at cloud.realwear.com.
- Utilize Forgot Password as needed.

Managing Users & Apps in Foresight

User List

All users in one place with the relevant information needed to manage including user groups and status updates.

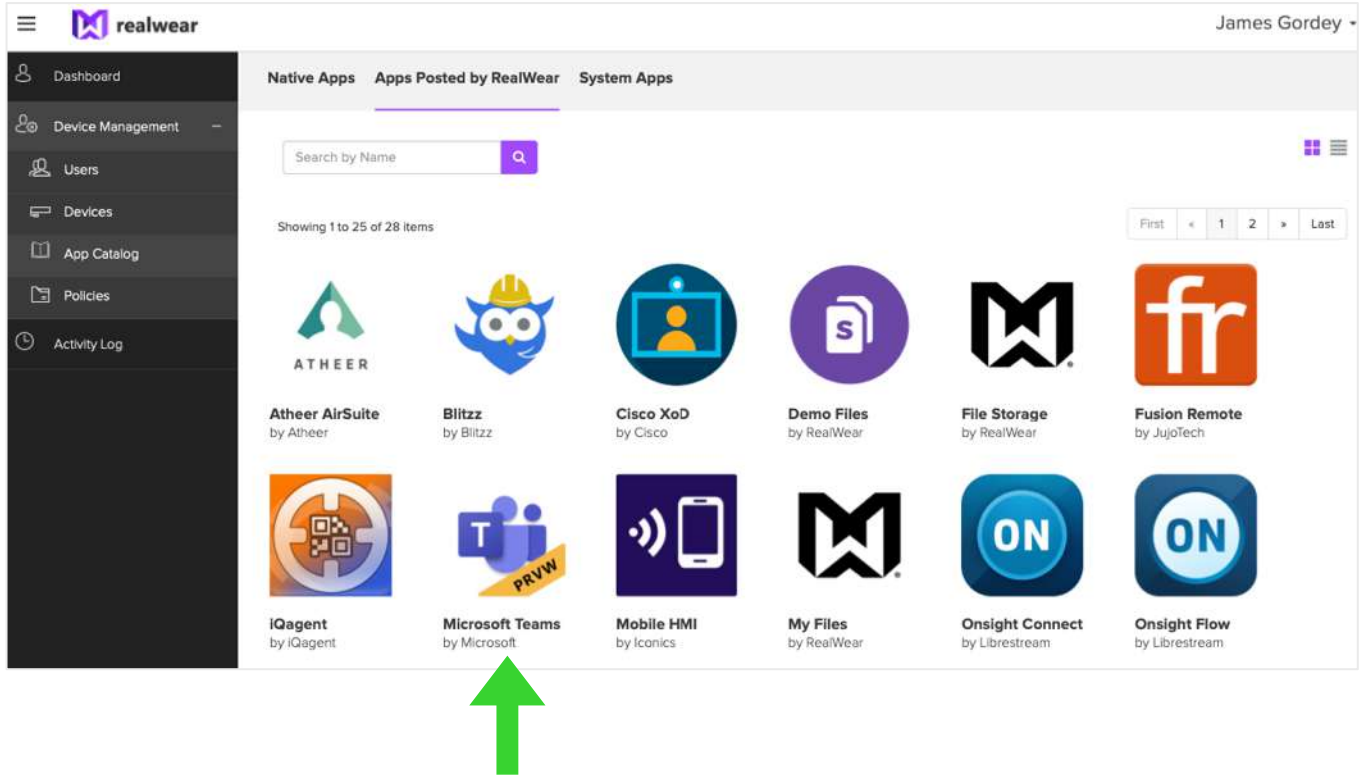
App Catalog

The 3rd party applications including Microsoft Teams you deploy across your RealWear devices can be viewed and managed all in one place.

2. Verify Microsoft Teams on RealWear is in Apps posted by RealWear

Steps:

1. Expand Device Management
2. Select App Catalog
3. Open Tab “Apps Posted by RealWear”
4. Identify Microsoft Teams

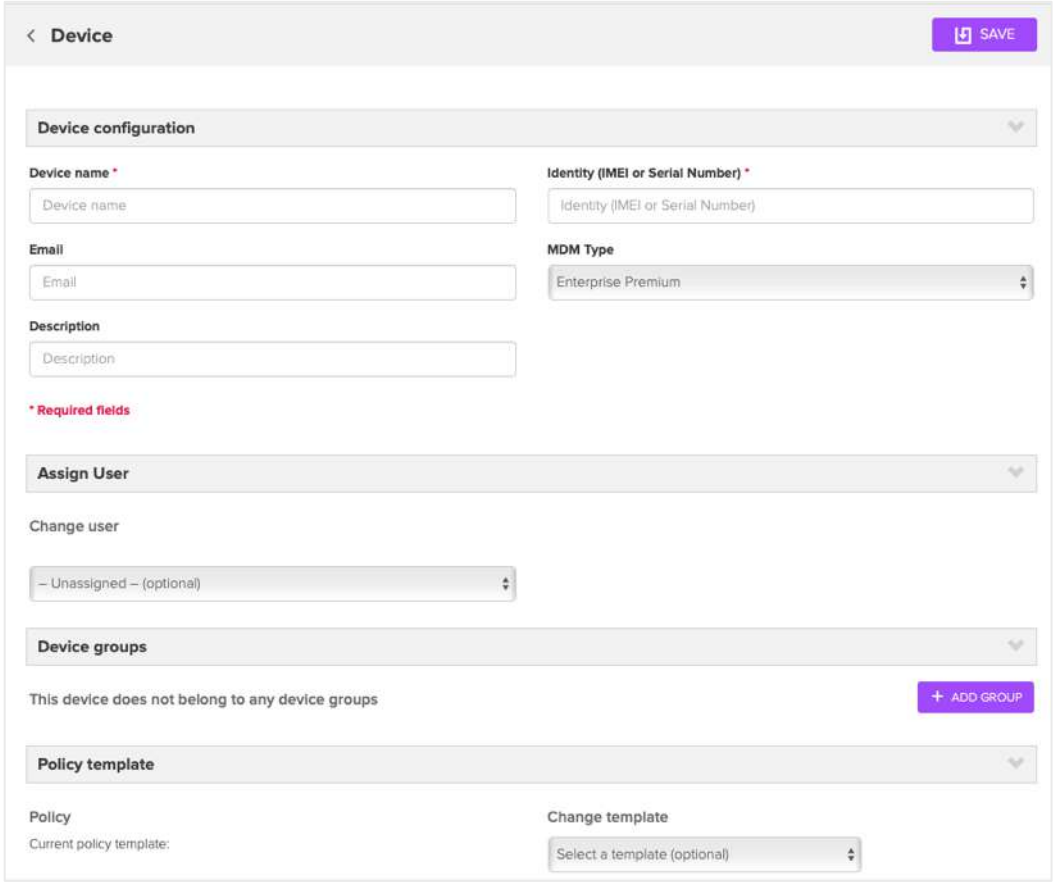


3a. Add HMT devices to Foresight - Manual

Steps to Add (One Device at a Time:)

1. Device Management>Devices>Add New device
2. Enter data into fields
3. You can ignore assign user, device groups & policy template
4. Click Save

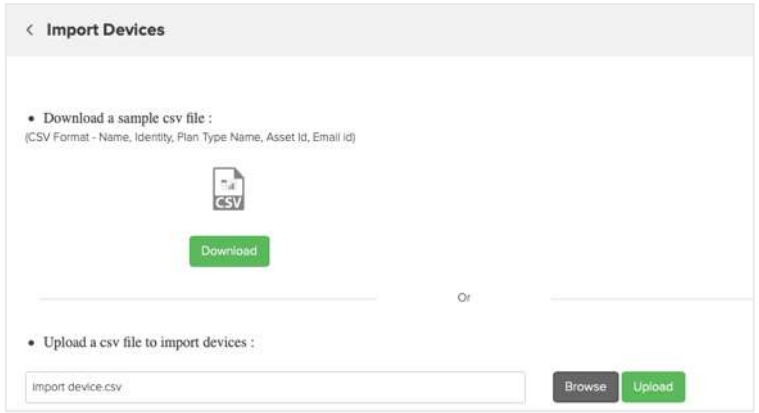
Field	Priority	Notes
Device name	Required	
Identity (IMEI or Serial Number)	Required	• Box label • On device (back of head label) • My Programs>About device
Email	Optional	For your reference
Description	Optional	• Any text up to 200 characters • Used in device list page search results



3b. Add HMT devices to Foresight - Import

Steps to Add (Multiple devices at once:)

1. Device Management>Devices>Add New device
2. Download template CSV file
3. Understand field mapping (table below)
4. Delete sample data, leave header intact
5. Save file, Select browse and upload



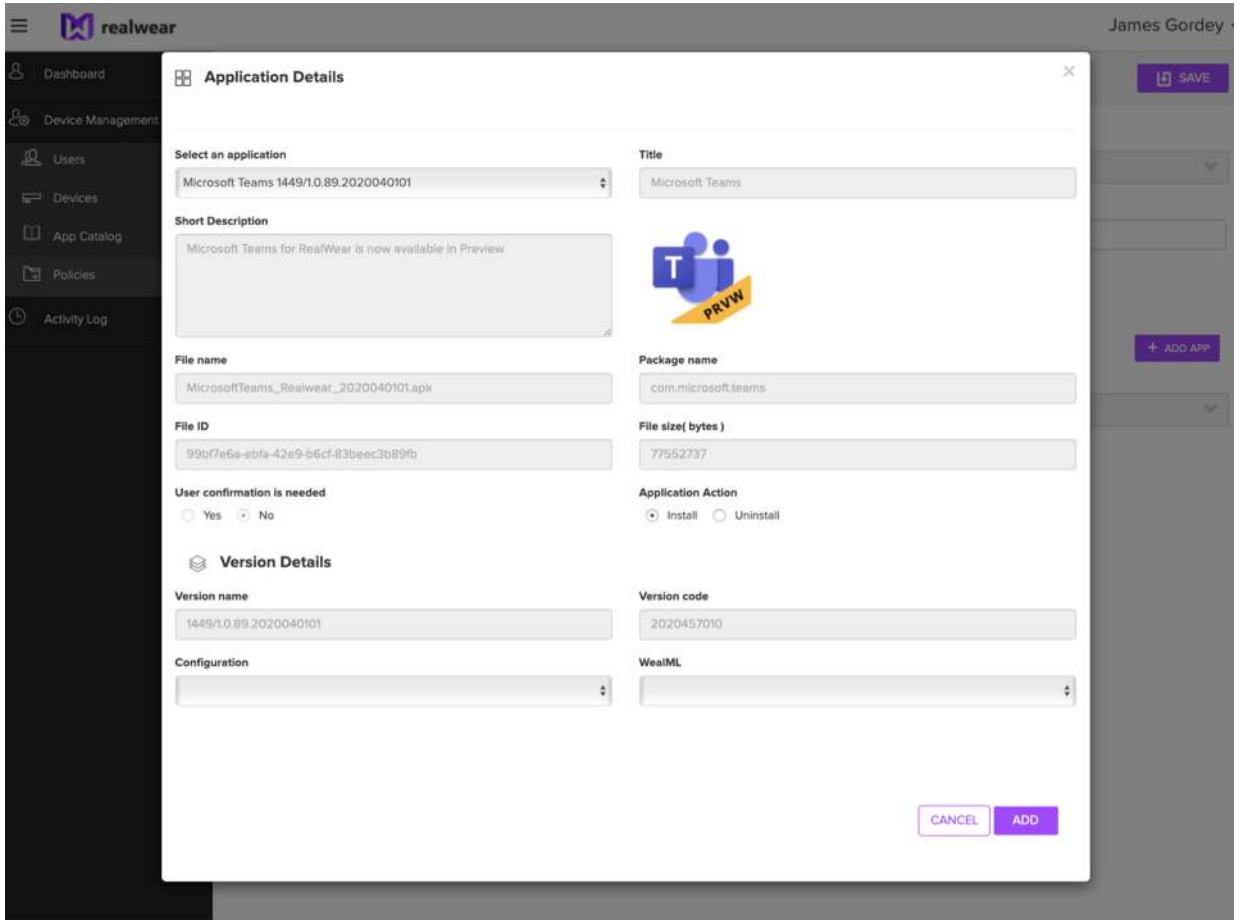
CSV Column	Foresight Field Mapping	Priority	Notes
Name	Device name	Required	
Identity	Identity (IMEI or Serial Number)	Required	• Box label • On device (back of head label) • My Programs>About device
Plan Type	MDM Type	Optional	Best to leave blank
Asset ID	Description	Optional	• Any text up to 200 characters • Used in device list page search results
Email ID	Email	Optional	

Name	Identity	Plan Type	Asset Id	Email Id
55 - Jamie	MP6J30XXXXXXX55			jamie@got.com
56 - Tyrion	MP6J30XXXXXXX56			tyrion@got.com
57 - Cersei	MP6J30XXXXXXX57			cersei@got.com
58 - Khaleesi	MP6J30XXXXXXX58			khaleesi@got.com
57 - Jon	MP6J30XXXXXXX59			jon@got.com

4. Create policy

Steps to create:

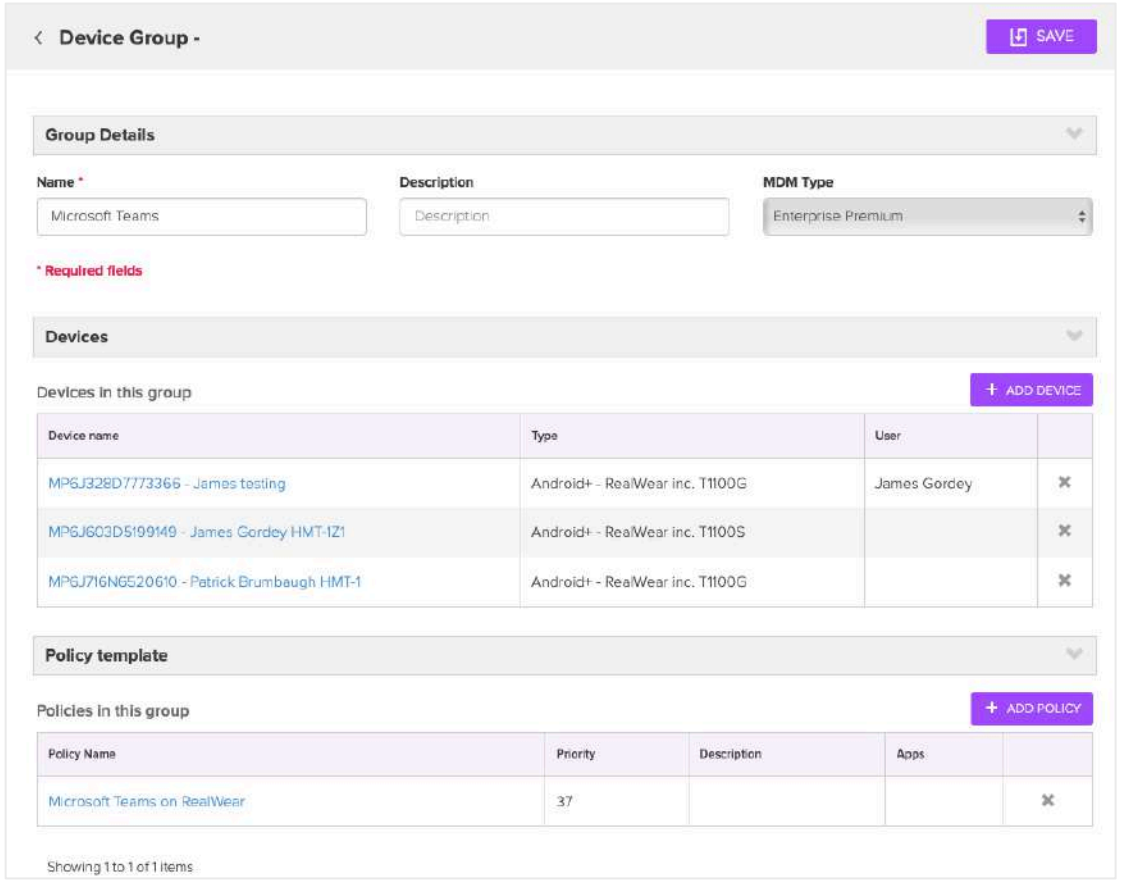
1. Device Management>Policies>Add new template
2. Name policy & set priority
3. Add Microsoft Teams on RealWear app
4. Make sure Application action is set to install
5. Click add
6. Click save in the top right



5. Create device group

Steps to create:

- Device Management>Devices>Device Groups (top left)>Add Device Group
- Name the device group & provide description
- Add devices to device group
- Add policy to device group
- Click save



6. Verify Teams on RealWear is deployed to HMT device(s)

Steps:

- Ensure RealWear device software is on at least Release 10.5
    - My Programs>About device>Version should start with 10.5, 11.x or higher
- Say: Navigate home>My Programs>Microsoft Teams
- You are now ready to begin End user setup
- If Microsoft Teams on RealWear is not present in my programs:
    1. Restart HMT device
    2. If that doesn't work try:
        - My controls> Wireless Network>Disable
        - Navigate Home>My Programs>Settings>Page Down>Security and Location>Page Down>Device Admin Apps>RealWear Device Agent>Page Down>Select Item 1
        - My controls> Wireless Network>enable

Note: If you use Intune or another EMM to manage your RealWear devices, please consult that section of the IT admin setup before proceeding.

Managing RealWear Devices

Enterprise Mobility Management solutions (EMM's)

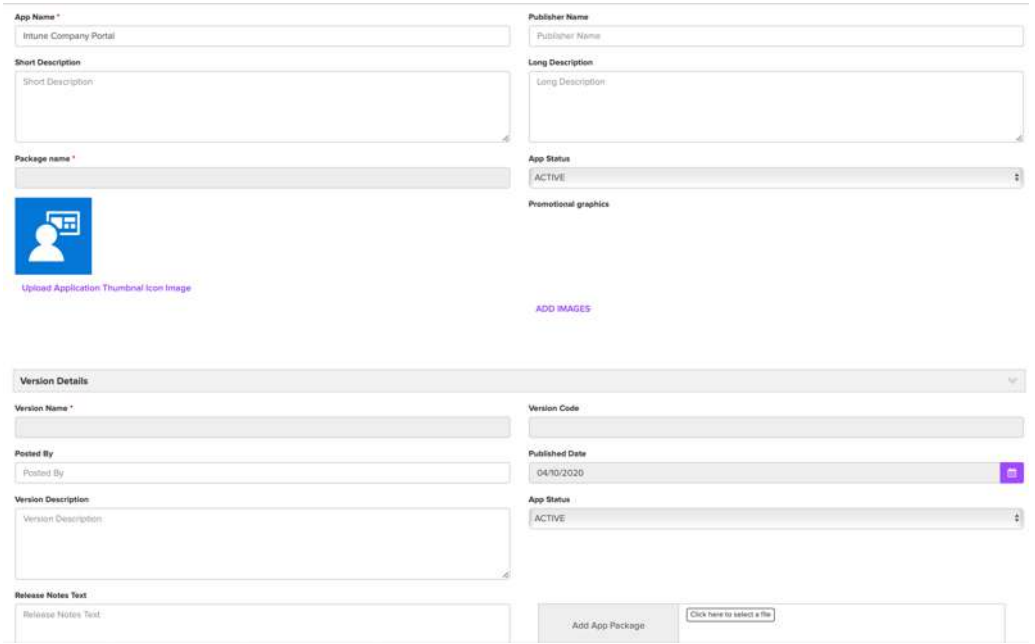
Managing RealWear devices with Intune

Recommendations:

- Consult Microsoft's documentation here
- Coordinate with your company's Intune admin
    - Loop in your Microsoft account team as needed
- Make sure your RealWear device(s) are updated to Release 10.5 or higher via Wireless Update app in My Programs
- Add the Intune Company portal app to your Foresight policy
    - This will also deploy Company Portal to all devices using Teams

Steps:

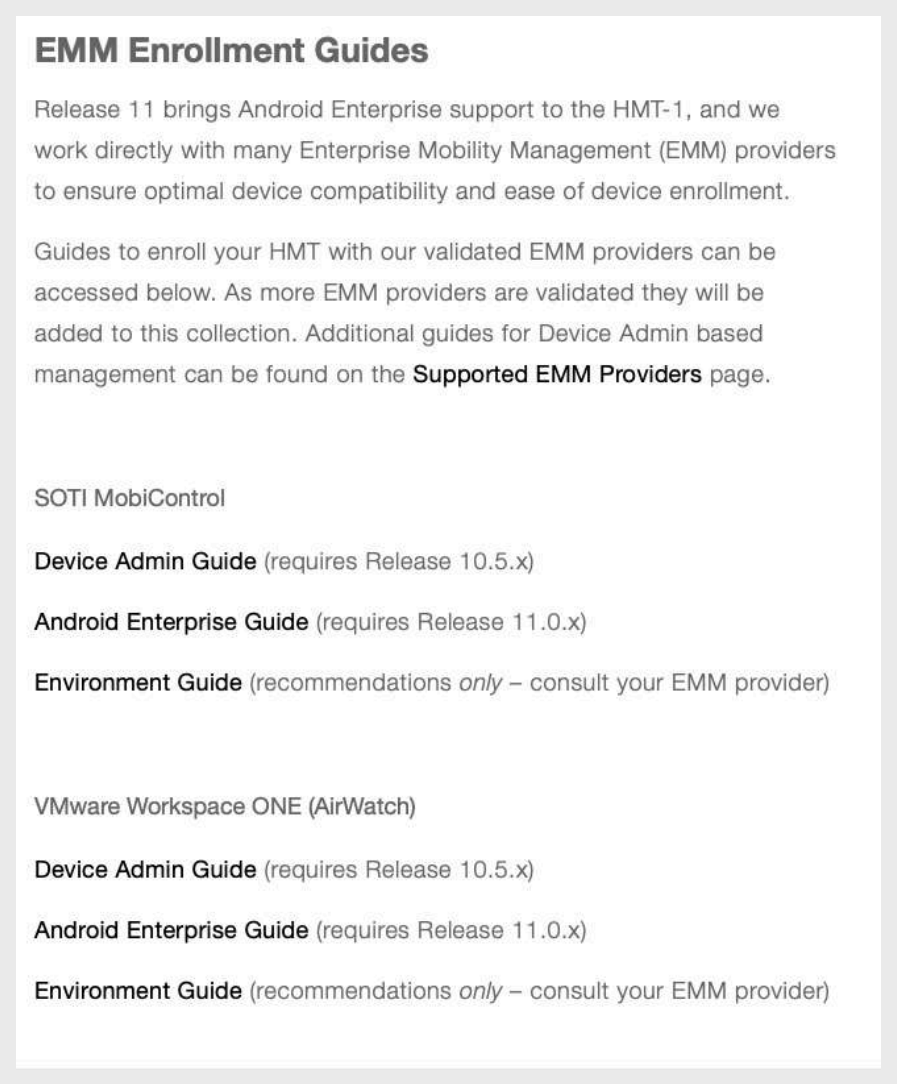
1. Foresight console>Device Management>App Catalog>Native Apps>Add New App
2. Add details
    1. Intune Company Portal
    2. Upload Application Thumbnail Icon Image
    3. Add App Package (download app here)
    4. Click Save
    5. Add Intune Company Portal apk to your already created Teams policy in Foresight



Managing RealWear devices with a non Microsoft EMM

Recommendations:

- Visit the RealWear Knowledge Center
- Consult Microsoft's documentation here
- Coordinate with your company's mobility management admin
    - Loop in your dedicated contact from that 3rd party as needed
- Make sure your RealWear device is updated to Release 10.5 or higher via Wireless Update



EMM Enrollment Guides

Release 11 brings Android Enterprise support to the HMT-1, and we work directly with many Enterprise Mobility Management (EMM) providers to ensure optimal device compatibility and ease of device enrollment.

Guides to enroll your HMT with our validated EMM providers can be accessed below. As more EMM providers are validated they will be added to this collection. Additional guides for Device Admin based management can be found on the **Supported EMM Providers** page.

SOTI MobiControl

Device Admin Guide (requires Release 10.5.x)

Android Enterprise Guide (requires Release 11.0.x)

Environment Guide (recommendations *only* – consult your EMM provider)

VMware Workspace ONE (AirWatch)

Device Admin Guide (requires Release 10.5.x)

Android Enterprise Guide (requires Release 11.0.x)

Environment Guide (recommendations *only* – consult your EMM provider)

End User Setup

Using RealWear HMT Devices

realwear HMT-1

World’s first hands-free Android™ tablet class wearable computer for industrial workers.

Benefits of the connected hands-free worker with Microsoft Teams

Connected Workers

Connected Workers in factories, plants and in the field wearing the HMT-1 can use voice commands to instantly collaborate with Remote Experts anywhere in the world.

Remote Experts

Remote Experts can collaborate from anywhere using the Microsoft Teams application
or over the web.

Hardware Overview

	HMT-1	HMT-1Z1
Ruggedization	IP66	IP66, ATEX Zone 1, CSA C1/D1
Battery	3250 mAh replaceable	3400 mAh fixed
USB Ports	1 micro USB (Charging and Data) 1 USB C (Charging only)	1 micro USB (Charging and Data)
Micro SD	Max 256GB	Max 64 GB
Charger	USB C cable	IS Safety box with micro USB
Weight	380 gms	420 gms

HMT Device Overview

First, Determine Your Dominate Eye

I. Form a triangle with hands placed together at arm's length.

II. With both eyes open, focus on any distant object cantered in the triangle.

III. Maintain focus on the cantered object and close your left eye – if the object is in the triangle, you are right eye dominant.

IV. If the object is not visible, you are left eye dominant

V. If the object is in the triangle with either eye, you are dominant eye neutral.

Link to Instructional Video

Object in distance appears centered.

Object in distance appears off center.

RealWear Support

Determining Your Dominant Eye

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Mounting the HMT-1

The HMT-1 must be fitted securely to the user with approved RealWear headwear or on PPE headwear with the use of clips.

It can be mounted on a hard hat, bump cap, baseball cap, or using the overhead strap.

Correctly Fit & Adjust

- To start, put on the HMT-1 and orient the device on the side that best fits your dominate eye.
- Keep the display as close to the eye as possible for the best viewing experience.
- Position the arm into a “Z” shape, just below the line of sight.

Do not extend the display too far from your dominate eye.

Display extended too far.

Display positioned for optimal viewing.

Link to Instructional Video

RealWear Support

Adjusting and Fitting Your RealWear HMT Device

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Power on the HMT-1

- There are 2 buttons on the side of the device. The smaller, silver, circular button is the power button.
- Hold this button down for three seconds to turn the device on or off.
- Tap once put to sleep or wake up.

Lastly, Fine Tune the Display

- With the HMT correctly positioned, the user should see all four corners of the screen.
- It should look like a 7” tablet at arms length away.
- Remember, keep the display as close to the eye as possible for the best viewing experience.

Fine Tune the Camera

- The HMT-1 includes a 16 MP camera capable of capturing 1080p HD video.
- The camera can be pivoted up and down 30 degrees.
- The camera assembly also includes a built-in flashlight controlled by voice.

Introduction to Global Commands

Say what you see commands, you can always say **Navigate Home** to get back to the home page.

Remember if you ever get stuck, you can say **Show Help** to bring up a list of global commands.

Global Commands

- Navigate Home
- Navigate Back
- Show Help
- My Controls
- My Camera
- My Programs
- My Files
- Mute Microphone
- Show Notifications
- Recent Applications

First Time Use

Using Microsoft Teams on an HMT-1

Trainer Tips

Tip 1.

Saying **Navigate Home** > **Teams** will always take you back to Teams.

Tip 2:

Tapping the Action Button (large ridged button) once will always take you back to the home screen as well.

Tip 3:

You can say **Mute Microphone** to stop the HMT-1 from picking up your voice commands during the training. Tap the Action Button once to reactive microphones.

Microsoft Teams on RealWear Resources

For additional help, questions or providing feedback on how we can improve please use the following.

More Documentation

To learn more about logging in and using Microsoft Teams on RealWear.

support.office.com

Support Questions

Please reach out via your Microsoft account team unless you have an existing email thread on this topic.

Feature Requests

Visit to share your suggestions.

microsoftteams.uservoice.com/forums

Issues:

Use "Give Feedback" via Teams Desktop client (Windows/Mac/Linux).

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