# Iris Device Management System





These operating instructions provide the necessary information for proper operation of the Iris Device Management System. There may be information provided in this manual that is not relevant for your system. Do not operate the Iris Device Management System without completely reading and understanding these instructions.

**Notice:** Purchase or possession of this device does not carry any express or implied license to use with replacement parts which would, alone or in combination with this device, fall within the scope of one of the relating patents.

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Patents: www.masimo.com/patents.htm

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# About This Manual

This manual explains how to set up and use Iris Device Management System. Important safety information relating to general use of Iris Device Management System appears in this manual. Read and follow any warnings, cautions, and notes presented throughout this manual. The following are explanations of warnings, cautions, and notes.

A warning is given when actions may result in a serious outcome (for example, injury, serious adverse effect, death) to the patient or user.

**WARNING**: This is an example of a warning statement.

A caution is given when any special care is to be exercised by the patient or user to avoid injury to the patient, damage to this device, or damage to other property.

**CAUTION**: This is an example of a caution statement.

A note is given when additional general information is applicable.

Note: This is an example of a note.

# Product Description, Key Features, and Intended Use

# Product Description and Key Features

The Iris Device Management System is a software application that facilitates the management of Masimo devices through secure network connections. Functionalities include but are not limited to; display of device information, device updates, and etc. The Iris Device Management System can be run on a server to serve as a web application.

Key features of the Iris Device Management System include:

- · Web login with role based user account management.
- Remote device management including software upgrade and device configuration.
- Support for up to 600 Masimo devices.
- Software upgrade file management.

## Intended Use

The Iris Device Management System is intended to support management of the Masimo device software version and display device information through web browser. The Iris Device Management System can be used in hospital or hospital-like environments.

The Iris Device Management System does not display or store patient data from the Masimo device.

# Safety Information, Warnings and Cautions

Note: Please refer to the Operator's Manual or Directions For Use for Iris Device Management System host device.

## Safety Warnings and Cautions

WARNING: Do not to place equipment used with the Iris Device Management System where it may be accessible by patients.

WARNING: Do not use any equipment if it appears or is suspected to be damaged.

WARNING: Do not use unauthorized devices with the Iris Device Management System.

**WARNING:** Do not place the equipment in any position that might cause it to fall on the patient.

**WARNING:** Explosion hazard: Do not use equipment in the presence of flammable anesthetics or other flammable substance in combination with air, oxygen-enriched environments, or nitrous oxide.

**WARNING:** To protect against injury, follow the directions below:

- Avoid placing the equipment on surfaces with visible liquid spills.
- Do not soak or immerse the equipment in liquids.
- Use cleaning solutions only as instructed in this operator's manual

**WARNING:** Do not use the equipment during or near magnetic resonance imaging (MRI).

# Performance Warnings and Cautions

**WARNING:** The Iris Device Management System does not support the management of alarms. The standalone device's audible and visual alarms, used in conjunction with clinical signs and symptoms, are the primary sources for determining that an alarm condition exists.

WARNING: Do not place containers with liquids on or near the equipment. Liquids spilled on the equipment may cause it to perform inaccurately or fail.

**WARNING:** After performing a software upgrade to a Masimo device using the Iris Device Management System, ensure the device operates properly before use.

**WARNING:** If an error occurs while the Iris Device Management System is communicating with the Masimo device, ensure the device is configured properly and operates properly before use.

**CAUTION:** The Iris Device Management System is intended to operate across the facility's network. Unanticipated failure or alteration of network components (including but not limited to: disconnection or malfunctioning of a networking device/switch/router/ethernet cable) may result in loss of connectivity of the Iris Device Management System. Altering or making changes to the Hospital Network should be done with proper knowledge.

**CAUTION:** The Quality of Service (QoS) of connectivity to the Masimo Devices may be affected by:

- Network Failure
- Increased number of connected devices on the Network
- Modifications to the Network
- Presence of devices provided with radio transmitters
- Improper network configuration on POC
- Signal Priorities of the Network
- Latency

CAUTION: Network performance may be affected by changes in the network including the addition of additional network devices.

CAUTION: Use redundant network connections to ensure reliable network connectivity to the Iris Device Management System equipment.

CAUTION: Utilize a back-up AC power source to minimize the interruption of service due to the loss of power to the equipment.

**CAUTION:** To prevent tampering, the equipment should be located in a secure location.

**CAUTION:** Carefully route power supply cords to minimize the accidental disconnection.

CAUTION: Do not place the equipment on electrical equipment that may affect the devices, preventing it from working properly.

# Cleaning and Service Warnings and Cautions

**WARNING:** Do not adjust, repair, open, disassemble, or physically modify the equipment. Injury to personnel or equipment damage could occur. Return Iris Device Management System for servicing.

**WARNING:** If the equipment fails any part of the setup procedures or electrical safety tests, remove the device from operation until qualified service personnel have corrected the situation.

WARNING: Do not autoclave, pressure sterilize, or gas sterilize the equipment.

WARNING: Use cleaning solutions only as instructed in the operator's manual for the equipment.

**Note:** Modifications to the Iris Device Management System's settings, and those of any components connected thereto, should be made by qualified personnel only.

Note: Iris Device Management System installation must be completed by Masimo or an authorized service department.

# **Compliance Warnings and Cautions**

**WARNING:** Do not attempt to repair or modify any part of the Iris Device Management System doing so may void the warranty or the authorization to use the Iris Device Management System components.

WARNING: Disposal of product - Comply with local laws in the disposal of the equipment and/or its accessories.

**WARNING:** When using devices with wireless features outside the United States, consideration should be taken to local government frequency allocations and technical parameters to minimize the possibility of interference to/from other wireless devices.

# Chapter 1: Description

# Iris Device Management System Screen

The following information describes the features of the Iris Device Management System header and main screens.

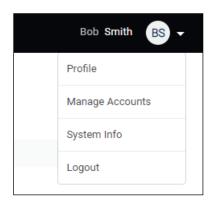
# Iris Device Management System Screen Header

The image and table below describe the features of the Iris Device Management System screen header.



Item	Feature	Description
1	Devices Selection	Select to display the device screen. See <i>Devices Screen</i> on page 12.
2	Software Selection	Select to display the software screen. See <i>Software Screen</i> on page 14.
3	User name and Initials	Displays the currently logged in user account/profile. See <i>User Management</i> on page 28.
4	Main Menu	Select the arrow to display the drop-down <i>Main Menu</i> options.  See <i>Main Menu</i> on page 11.

#### Main Menu



The Main Menu allows the user to access the following features:

**Profile** View user profile. See *User Management* on page 28.

Manage Accounts\* Manage user accounts. See *User Management* on page 28.

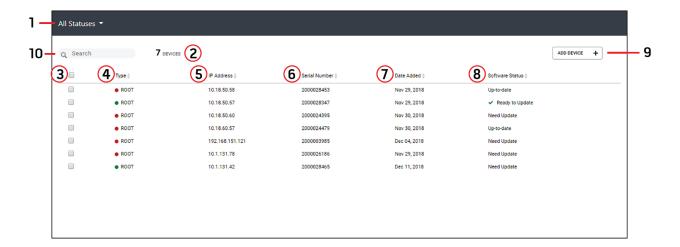
System Info\* View the Iris Device Management System information. See Iris Device Management System Information on page 37.

**Logout** Logout of the Iris Device Management System. See **Logging Out of the Iris Device Management System** on page 16.

<sup>\*</sup> Visible to user accounts with Administrator roles and above. See *User Roles* on page 29.

# **Devices Screen**

The image and table below describe the features of the Iris Device Management System Devices screen.



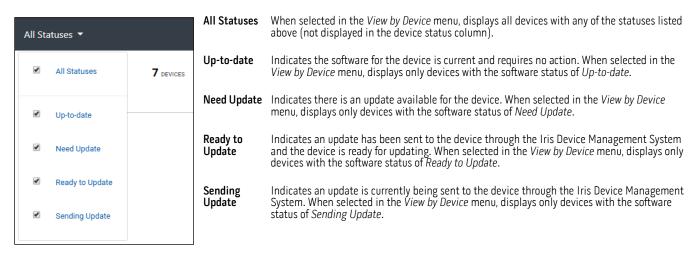
Item	Feature	Description
1	Device Status Menu	Displays devices based on software status (item 8). See <i>Device Software Status Menu</i> on page 13.
2	Available Devices	Displays number of active devices listed below based on the selections in the <i>Device Status Menu</i> . See <i>Device Software Status Menu</i> on page 13.
3	Select Device	Selecting a device displays additional information. See <i>Device Details</i> on page 20.
4	Device Type Column*	Displays the device type and heartbeat status. See <i>Heartbeat Status</i> on page 13.
5	IP Address Column*	Displays the device IP address. See <i>Device Details</i> on page 20.
6	Serial Number Column*	Displays the device serial number. See <i>Device Details</i> on page 20.
7	Date Added Column*	Displays the date the device was added to the Iris Device Management System.
8	Software Status Column*	Displays the software status for the device. See <i>Device Software Status</i> on page 13.
9	Add Device Button	Allows a device to be added to the Iris Device Management System. See <i>Adding a Device</i> on page 17.
10	Search Field	Allows the user the ability to search for a specific device by serial number and/or IP address

<sup>\*</sup> This field can be viewed in ascending or descending order (numerically or alphabetically) by clicking on the header text.

Iris Device Management Service Chapter 1: Description

#### Device Software Status Menu

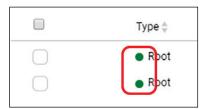
The Device Status Menu allows devices to be filtered based on current software status. To view this menu, click on the down arrow to the right of the text. The text reflects the item(s) selected in the menu. The number of available devices displays at the top of the Device Screen based on selections in this menu. In the example below, based on All Statuses being selected, 7 devices are available.



For information on updating device software, go to **Device Software Management** on page 23.

#### Heartbeat Status

The device Heartbeat is the periodic signal that the Iris Device Management System sends to the device to check its operational status. The *Heartbeat Status* indicator displays in the *Type* column as a colored dot next to the device name on the *Devices* screen. See *Devices Screen* on page 12.



Indicator (Dot) Color	Heartbeat Status
Green	The last heartbeat was successful.
Yellow	The last heartbeat was unsuccessful.
Orange	The last 2 heartbeats were unsuccessful.
Red	The last 3 or more heartbeats were unsuccessful.

The device Heartbeat Interval can be modified in the device detail screen under the **Configuration** tab. See **Device Detail Screen** on page 21.

### **Device Software Status**

Device software status displays on the *Device* screen in the *Software Status* column and on the *Device Information* bar. See *Devices Screen* on page 12 or *Device Details* on page 20.

**Up-to-Date** Indicates the software on the device is the latest available for this device.

Need Update Indicates there is new software available for this device. See Upgrading Device Software on page 25.

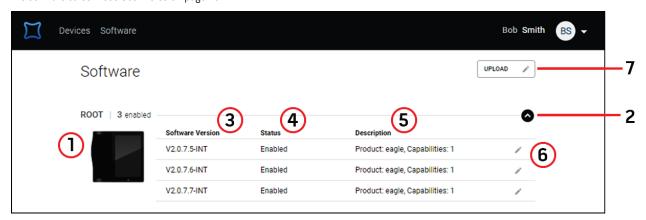
**Sending Update** Indicates software is being sent to the device.

**Ready to Update** Indicates there is a software image available on the device ready to be installed.

**Upgrade in Progress** Indicates the device software is currently being upgraded.

## Software Screen

The image and table below describe the features of the Iris Device Management System *Software* screen. Only Upgrade Manager roles and above can view the *Software* screen. See *User Roles* on page 29.



Item	Feature	Description
1	Device Icon	Displays Masimo device name, image of device and number of software upgrades enabled.
2	Minimize/expand arrow	Minimize and expand the device specific software information. When minimized, only the device name displays.
3	Software Version Column	Displays the software version.
4	Status Column	Displays the status of the software.*
5	Filename Column	Displays the device description.
6	Edit Software Icon	Allows software properties to be changed. See <i>Edit Software</i> on page 24.
7	Upload Button	Allows software to be uploaded to the Iris Device Management System. See <i>Upload Software</i> on page 23.

<sup>\*</sup> **Enabled =** Software is enabled and **can** be used to update a device. **Disabled =** Software is disabled and **cannot** be used to update a device.

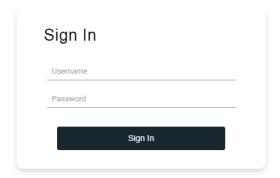
# Chapter 2: Operation

# Logging In to the Iris Device Management System

Follow the instructions below to log in to the Iris Device Management System. If a user does not have an account, or if they have forgotten their login credentials, they will not be able to log in to the Iris Device Management System and must contact the system administrator to setup an account or set a new password. See *User Management* on page 28.

- A default account is available used to access the Iris Device Management System for the ability to setup user accounts. For default account credentials, see *Default Account Information* on page 43.
- 1. Open a web browser. See **Supported Browsers** on page 43.
- 2. Enter the Iris Device Management System address into the browser address bar and select Enter. Refer to the system administrator for the address for Iris Device Management System.
- 3. The Device Manager login screen displays. In the **Login** screen, enter login credentials:
  - Enter USERNAME.
  - Enter PASSWORD.
- 4. Press/Select the SIGN IN button.





Note: A prompt to enter a new password may display. See Change Password at First login on page 15.

- 5. After successful login, the devices screen appears by default. See *Devices Screen* on page 12.
  - To log out of an Iris Device Management System user account, see Logging Out of the Iris Device Management System on page 16.

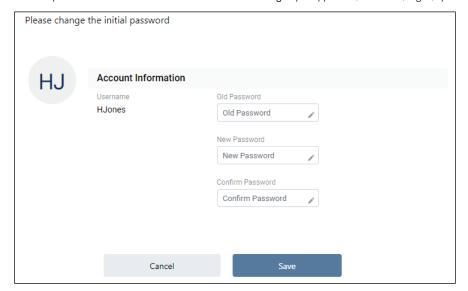
# Change Password at First login

When a new user logs in for the first time after a new account has been created for that user, a new password is required during the login process before access to the system is granted.

- 1. On the Please change the initial password screen, fill in the old and new password information as shown. When complete, click the Save button.
  - The new password should be at least 10 characters long.

Iris Device Management Service Chapter 2: Operation

• The new password should have at least 3 out of 4 character groups: Uppercase, lowercase, digits, special



- 2. Confirmation displays when the password has been successfully changed.
- 3. After changing the password, the login screen displays and the user must now login with the new password.

# Logging Out of the Iris Device Management System

Follow the instructions below to log out of a user account.

1. While viewing the Iris Device Management System display, press/select the drop-down arrow icon next to the user name in the upper-right corner of the screen.



- 2. Press/select Logout.
- After successfully logging out, the Login screen will appear. To log in to a user account, see Logging In to the Iris Device Management System
  on page 15.

Iris Device Management Service Chapter 2: Operation

# Device Management

The following information applies to management of devices within the connected system using the Iris Device Management System. Ability to view content is dependent on the user's assigned role. See *User Roles* on page 29.

- To add a device to the Iris Device Management System, see Adding a Device on page 17.
- To remove a device from the Iris Device Management System, see *Delete a Device* on page 18.
- To view device software status, see Device Software Status on page 13.
- To view device information, see Device Details on page 20.
- To manage device software, see Device Software Management on page 23.

# Adding a Device

Additional devices can only be added one at a time. This ability is restricted to Administrator roles and above. See *User Roles* on page 29. Only supported device can be added to the Iris Device Management System. See *Supported Devices* on page 43.

1. Select the **Add Device** button on the screen.

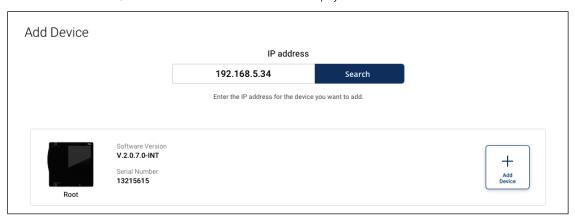
**Note:** If the maximum number of devices has already been reached, when trying to add an additional device, a popup notifies that the Enabled Device Limit has reached the maximum.



Enter the IP address of the desired device in to the IP address field and click Search. The Iris Device Management System will search for the device on the network and display locating device.



3. After the device is located, confirm the correct device to be added is displayed. Select the Add Device button to add the device.

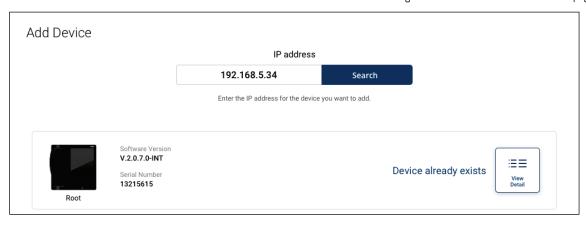


#### No Device Found

If a device IP address cannot be found on the network, No Device Found displays under the search box. Contact the network administrator for assistance in confirming the device is on the network and can be added.

## **Device Already Exists**

If a device IP address has already been added to the Iris Device Management System, the Device Already Exists message displays. Confirm the correct IP address was entered. Select the *Device Detail* button to view information about the existing device. See **Device Detail Screen** on page 21.



### Delete a Device

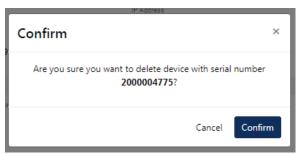
Follow the instructions below to remove (delete) a device from the Iris Device Management System. This ability is restricted to Administrator roles and above. See *User Roles* on page 29.

Note: A deleted device can be re-added to the Iris Device Management System using the restore function. See Restore Deleted Device on page 19.

- 1. Select a device from the Devices screen to access the Device Detail screen. See Device Details on page 20.
- Select the Delete Device button at the top right corner of the screen.



- 3. Verify the information is correct in the popup and select **OK** to delete the device from the Iris Device Management System.
  - Select Cancel to NOT restore the device.



4. When complete, the Iris Device Management System returns to the *Device* screen.

#### Restore Deleted Device

After a device is deleted, it can be added back to Iris Device Management System using the Restore feature. This ability is restricted to Administrator roles and above. See *User Roles* on page 29.

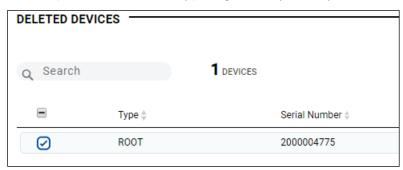
1. Select the **Add Device** button on the screen.

**Note:** If the maximum number of devices has already been reached, when trying to add an additional device, a popup notifies that the Enabled Device Limit has reached the maximum.

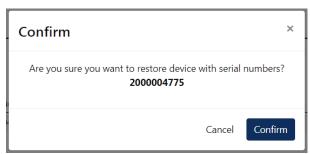


2. The lower half of the screen displays deleted devices that have been removed from Iris Device Management System. Select the deleted device to restore.

Note: Multiple devices can be selected by pressing the Cntl key on the keyboard and selecting multiple devices.



- 3. Select the **Restore Device** button on the right side of the screen.
- 4. Verify the information is correct in the popup and select **OK** to restore the device to Iris Device Management System.
  - Select Cancel to NOT restore the device.



Note: When multiple devices are selected to be restored, the serial number for each device displays in the popup.

5. When complete, Iris Device Management System returns to the Device screen, showing the device in the list of devices.

## **Device Details**

The following procedure instructs how the current user can view and edit device information as well as access the ability to update the device software.

Select the desired device on the *Devices* screen. See *Devices Screen* on page 12. Information about the selected device appears at the right side of the Iris Device Management System *Devices* screen as shown.

Note: Multiple devices can be selected by pressing the Cntl key on the keyboard and selecting multiple devices.



#### **Device Type**

Displays an image and name of the connected device.

#### **Software Version**

Displays the current software version along with the status of any available software for updating the device.

#### **IP Address**

Connected device IP address

#### Serial Number

Connected device serial number

#### **Connected Device**

Devices connected to this device.

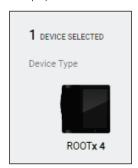
#### **Connected Channels**

Connected channels used with this connected device.

#### Missed Heartbeat

Number of total missed heartbeats for this device.

When multiple devices are selected, details are not shown. Only the device type and number of selected devices displays (four (4) Roots are selected in the example).



Select the Detail button at the bottom to view the detail screen. See Device Detail Screen on page 21.

### Device Detail Screen

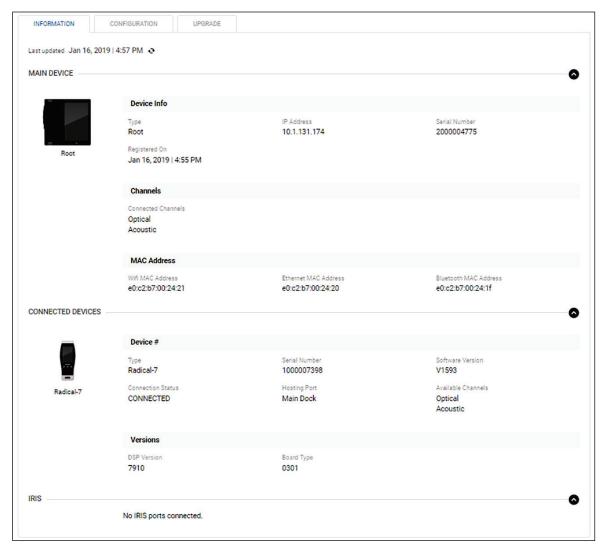
At the top of the device detail screen, basic information for the device are shown similar to the information bar mentioned above. For information on the device *Heartbeat*, see *Heartbeat Status* on page 13. The displayed device can also be removed (deleted) from this screen. See *Delete a Device* on page 18.

When multiple devices are selected on the device screen, the *Information* tab is not available and the screen defaults to display only the *Configuration* and *Upgrade* tabs.



#### Information Tab

The Information shows info about the device and devices connected to this device.

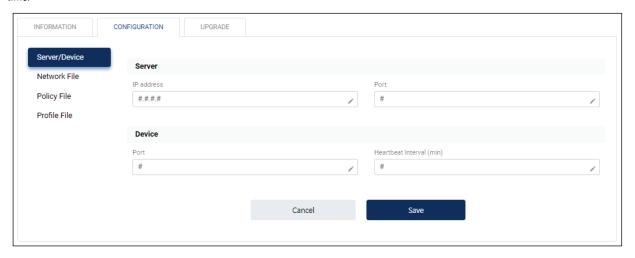


Item	Description
Last Updated	Date and time the device information was last updated.
Device Info	Device information along with when the device was registered with the Iris Device Management System.
Channels	Channels that are currently connected to the device.
MAC Address	Wi-Fi, Ethernet and Bluetooth MAC address of the device.
Versions	Current version of software and other technical information about the device.
Connected Devices*	Information about Masimo devices currently connected to this device including type, serial number, and software version.
IRIS*	Information about 3rd party devices currently connected to this device through the IRIS port.

<sup>\*</sup> Select the minimize and expand arrow on the right to minimize and expand the information. When minimized, only the title displays.

# Configuration Tab

The Configuration tab allows the server and device to be modified. Multiple devices can be selected from the *Device* screen and configured at the same time.

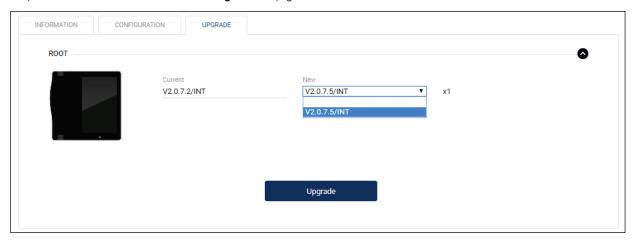


Item	Description
Server/Device	Allows customization of the following items:
	<ul> <li>Server IP address and Port</li> <li>Device Port and Heartbeat Interval (min). See <i>Heartbeat Status</i> on page 13.</li> </ul>
Network File*	Allows network files to be uploaded to the device.
Policy File*	Allows a policy file to be uploaded to the device.
Profile File*	Allows profile files to be uploaded to the device.

<sup>\*</sup> Only valid file types can be uploaded.

## Upgrade Tab

The Upgrade tab allows the device software to be upgraded. Multiple devices can be selected from the *Device* screen and upgraded at the same time. For complete information, see *Device Software Management* on page 23.



Item	Description
Current	Current software version of the device.
New	Software updates available for the device.

# Device Software Management

The following information discusses device software related information. This ability is restricted to Administrator roles and above.

# **Upload Software**

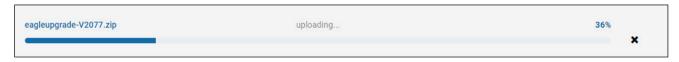
The following information provides instructions for uploading software to the Iris Device Management System for updating masimo devices. This ability is restricted to Super Admin roles ONLY. See *User Roles* on page 29.

Software .zip files can be uploaded to the Iris Device Management System for upgrading Masimo devices on the network.

- 1. To upload software to the Iris Device Management System, from the Software screen, click on the Upload button.
- 2. Click in the Select a Software File field.



- 3. When prompted, navigate to the location of the software and select the desired software .zip file.
- 4. Click the Upload button to upload the file to the Iris Device Management System. A status bar displays as the file is uploaded.



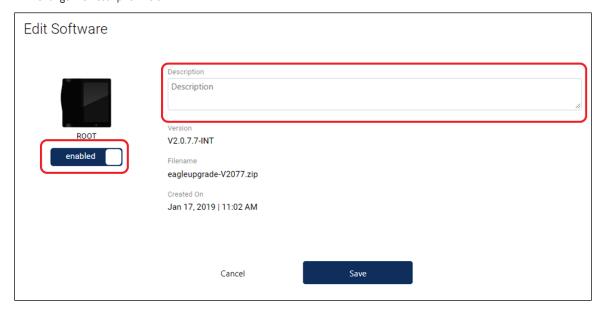
5. After the file is uploaded, the uploaded software appears in the software list, and can be used to update the device software.



## **Edit Software**

Software properties can be modified through the edit feature on the *Software Screen*. See *Software Screen* on page 14. Only two (2) items on the screen can be modified:

- Description
- Enable/Disable software for use to update device (under device image). See Software Screen on page 14.
- 1. Click on the *Edit* icon next to the software filename.
- 2. Click the **Edit** button at the bottom of the screen.
  - Enable/Disable the software.
  - Change the Description field.



3. When changes are completed, click the **Save** button.

Note: To exit without saving changes, select the Cancel button.

4. The Confirm Changes popup appears showing the current and new information. Accept the changes by clicking the Confirm button.





5. When complete, the Iris Device Management System returns to the Software screen.

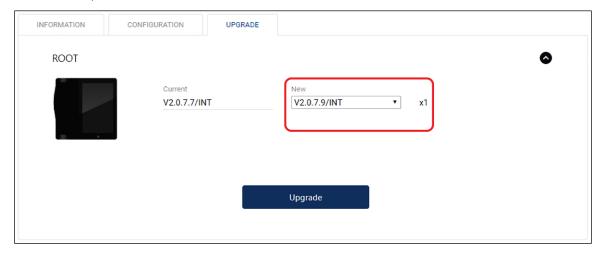
# Upgrading Device Software

When viewing the device screen, if a device has an available software upgrade, this is indicated in the device software status column. See **Device Software Status** on page 13. This upgrade can be confirmed by viewing the device details. See **Device Details** on page 20.

Device software can be upgraded on a single device or on multiple devices at the same time.

#### Single Device

- 1. To update software on a single device, select the desired device on the *Device* screen. See *Devices Screen* on page 12.
- 2. When the Device Detail displays, click the **Detail** button at the bottom to view the device detail screen. See **Device Details** on page 20 and **Device Detail Screen** on page 21.
- 3. Select the **Upgrade** tab.
- 4. From the New drop down, select the desired software version.



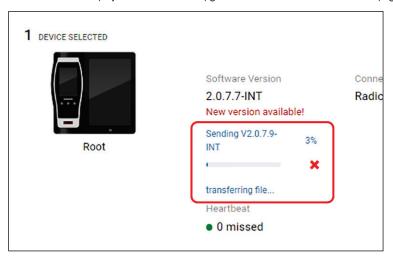
- 5. Select the **Upgrade** button to send the upgraded software to the device.
- 6. Review the Current and New software versions in the popup. If these are correct, select Upgrade.

Iris Device Management Service Chapter 2: Operation

• To exit without upgrading the device software, select the **Cancel** button.



7. The Device Detail displays the status of the upgrade. See **Device Software Status** on page 13.



To stop the device software upgrade, select the Red X and Confirm in the popup. To continue with the upgrade, select Cancel.



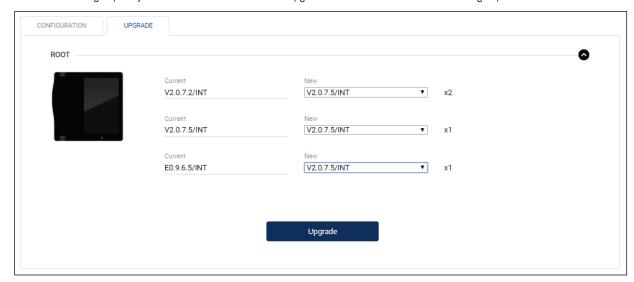
- 8. When the software is loaded and the device is ready to be upgraded:
  - On the Iris Device Management System: Device screen status displays Ready to Update. See Device Software Status Menu on page 13.
  - On the device: Device displays *Upgrade Image VX.X.X.X Available* at the top of the screen.
- 9. When safe to do so, perform the upgrade installation at the device.

#### **Multiple Devices**

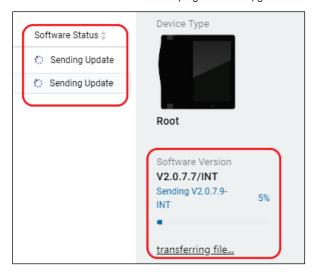
- 1. To update software on multiple devices, hold the Ctrl button on the computer keyboard and select the desired devices on the *Device* screen, or select the box at the top of the first column to select all devices. See *Devices Screen* on page 12.
- 2. The device type of the number of selected devices appears at the right side of the Iris Device Management System window in the *Device Details*. See *Device Details* on page 20. Click the **Detail** button at the bottom to view the device detail screen.
  - Note: When multiple devices are selected, only the Configuration and Upgrade tab appear on the Device Details screen.
- 3. Select the **Upgrade** tab on the *Device Details* screen.

4. From the New drop down, select the desired software version.

Note: Devices are grouped by the current software version. An upgrade version must be selected for each group of devices.

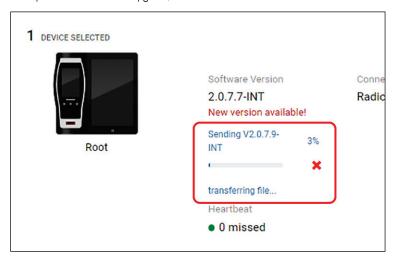


- 5. The Devices screen displays with the status of Sending Update for the selected devices. See **Device Software Status** on page 13.
- 6. Select an individual device to see the progress of the upgrade in the Device Detail at the right of the screen.



Iris Device Management Service Chapter 2: Operation

To stop the device software upgrade, select the **Detail** button to view the *Device Detail* screen.



Select the Red X and Confirm in the popup. To continue with the upgrade, select Cancel.



- 7. When the software is loaded and the device is ready to be upgraded:
  - On the Iris Device Management System: Device screen status displays Ready to Update. See **Device Software Status Menu** on page 13.
  - On each device: Device displays *Upgrade Image VX.X.X.X Available* at the top of the screen.
- 8. When safe to do so, perform the upgrade installation at each device.

# User Management

The following information applies to the management of users and user roles for accessing the Iris Device Management System. Access to these features is determined by the user role. See *User Roles* on page 29.

- Create new user accounts. See Create User Account (Admin) on page 28.
- User Level View and edit user account. See *View Account (User)* on page 30.
- Administrator Level View, edit and delete user accounts. See View Account (Admin) on page 33.

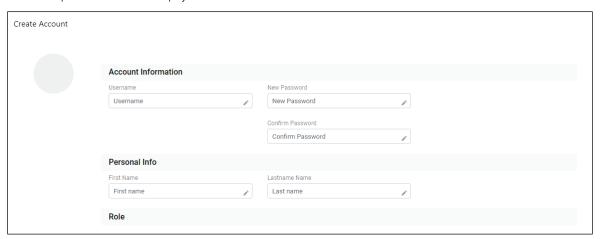
# Create User Account (Admin)

The following procedure instructs how to create a new user and assign roles for that user. This ability is restricted to Administrator roles and above.

- 1. From the Main Menu, select Manage Accounts. See Main Menu on page 11.
- 2. Click on the **Create Account** button at the top of the screen.

**Note:** If the maximum number of accounts has already been reached, when trying to add an additional account, a popup notifies that the Enabled Account Limit has reached the maximum.

3. Enter the required information as displayed on the screen.



- 4. Select an available user role. See *User Roles* on page 29.
- 5. Click the Save button to create the new user.
  - To exit without creating a new user, select the **Cancel** button.

**Note:** When a new user logs in for the first time after a new account has been created for that user, a new password is required during the login process before access to the system is granted.

#### **User Roles**

Roles are assigned to user when the user account is created. Roles dictate what a user can and cannot do within the Iris Device Management System environment.

- Only an Administrator and above can create a new user account.
- A Super Admin can grant Super Admin roles, as well as any account role below.
- An Administrator can only grant Administrator roles and below.
- An Upgrade Manager and above can update device software.

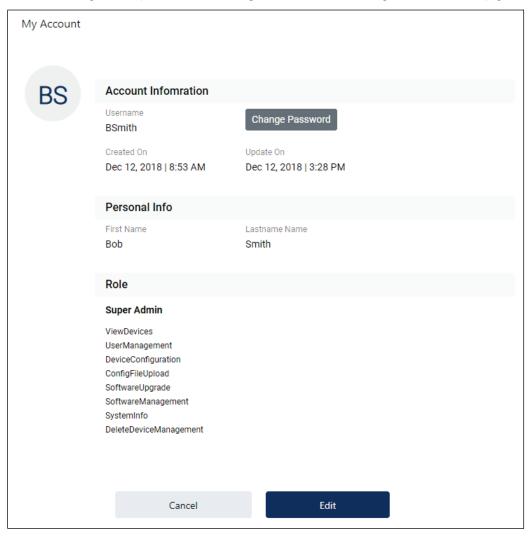
Roles/Privilege	User	Device Manager	Upgrade Manager	Administrator	Super Admin
View Devices	Х	Х	Х	Х	Х
User account management				Х	Х
Device configuration			Х	Х	Х
Configuration file upload					Х
Device upgrade		X	Х	X	Х
Software image management				Х	Х
System Info				Х	Х
Delete Device				Х	Х

# View Account (User)

The following procedure instructs how the current user can view their profile, edit the profile and change the password.

From the Main Menu, select Profile. See Main Menu on page 11. The account info, personal info and role for the logged in user displays on the My Account screen.

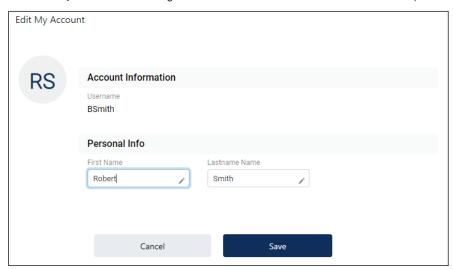
- To edit the user profile, click the **Edit** button. See **Edit Account Information (User)** on page 31.
- To change the user password, click the Change Password button. See Change Password (User) on page 32.



# Edit Account Information (User)

The first and last name for the logged in user can be manually changed through the *My Account* screen. The following procedure instructs how a user can change their name.

- 1. On the My Account screen, select the Edit button.
- 2. On the Edit my Account screen, change the first and/or last name on the account. When complete, click the Save button.



- 3. The Confirm Changes screen appears showing the current and new information. Accept the changes by clicking the Confirm button.
  - To discard the changes, select the **Cancel** button.

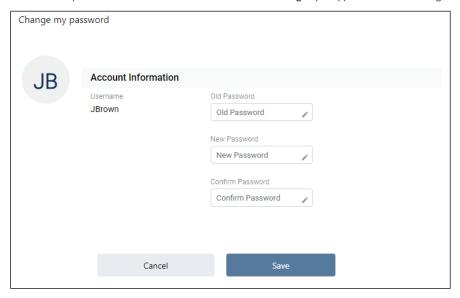


4. When complete, the Iris Device Management System returns the My Account screen.

# Change Password (User)

The password for the logged in user can be manually changed through the user Profile screen. The following procedure instructs how a user can change their own password.

- 1. On the My Account screen, select the Change Password button.
- 2. On the Change my Password screen, fill in the old and new password information as shown. When complete, click the Save button.
  - The new password should be at least 10 characters long.
  - The new password should have at least 3 out of 4 character groups: Uppercase, lowercase, digits, special



- 3. Verify the information to confirm changes and select **Save**.
- 4. When complete, the Iris Device Management System returns to the login screen to require sign in with the new password.

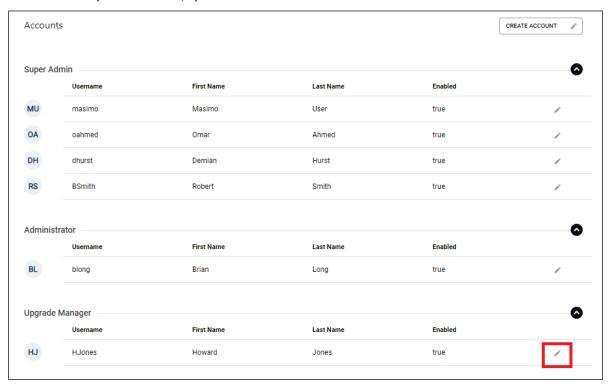
Iris Device Management Service Chapter 2: Operation

# View Account (Admin)

The following procedure instructs how Administrator roles and above can view and modify existing user accounts.

1. From the Main Menu, select Manage Accounts. See Main Menu on page 11. All users display on the Accounts screen as shown.

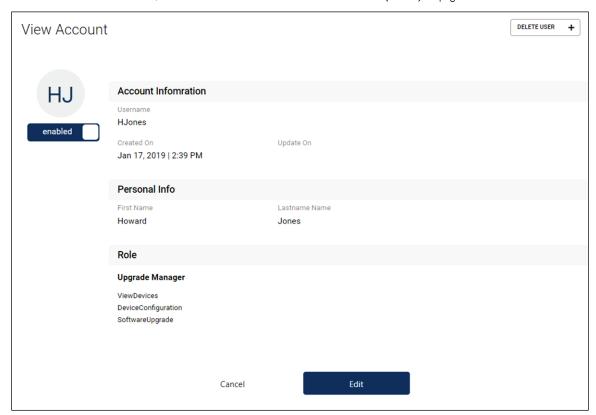
- Users are grouped by the assigned role. See *User Roles* on page 29.
- The status of the account is in the **Enabled** column. An *Enabled* account shows *true*, a *Disabled* account shows *false*.
- The minimize/expand arrow at the opposite end of the role allows the users for that role to be minimized and expanded. When minimized, only the role name displays.



- 2. Click the Edit icon next to a user to display the account info, personal info and role for that user in the View Account screen.
  - To edit the account or change the user password, click the Edit button. See Edit Account Information (Admin) on page 35.

Iris Device Management Service Chapter 2: Operation

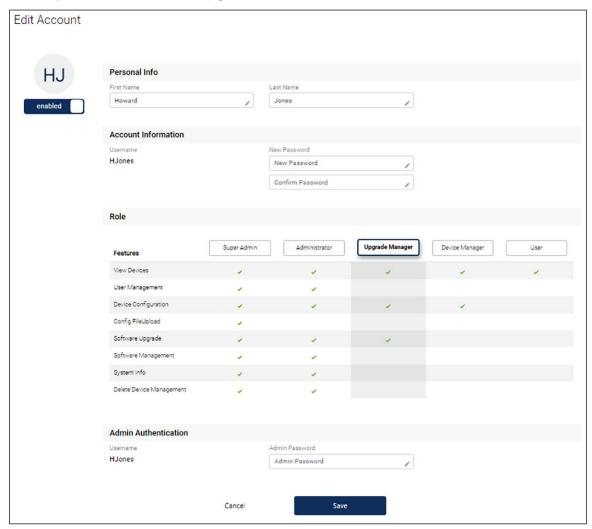
• To remove the user account, select the **Delete User** button. See **Delete Account (Admin)** on page 36.



#### Edit Account Information (Admin)

The first and last name for the logged in user can be manually changed through the user Profile screen. The following procedure instructs how a user can change their name.

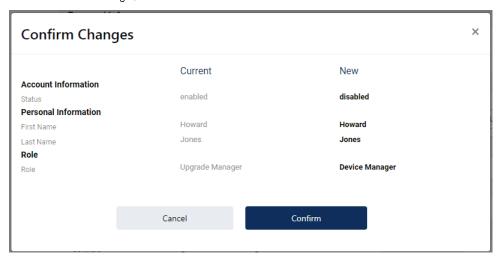
- 1. On the View Account screen, select the Edit button.
- 2. On the Edit Account screen, the following items can be changed:
  - Disable or Enable the user account.
  - Edit the first and/or last name on the account.
  - Change the user's password.
  - Modify the user role. See User Roles on page 29.



- 3. Make the desired changes to the users account.
  - The user's new password should be at least 10 characters long. The user's new password should have at least 3 out of 4 character groups: Uppercase, lowercase, digits, special
- 4. When complete, enter the password of the administrator making the changes (required) and click the **Save** button.
- 5. The Confirm Changes screen appears showing the current and new information. Accept the changes by clicking the Confirm button.

Iris Device Management Service Chapter 2: Operation

To discard the changes, select the Cancel button.



6. When complete, the Iris Device Management System returns to the View Account screen.

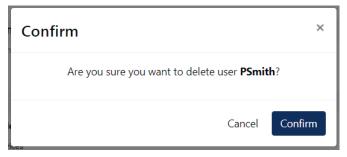
#### Delete Account (Admin)

The following procedure instructs how to delete an account (remove an existing user). This ability is restricted to Administrator roles and above.

- 1. An administrator or above must login and edit the users account. See Edit Account Information (Admin) on page 35.
- 2. Select the Delete Account button in the upper right corner of the screen.



- 3. Confirm to delete the account by selecting Confirm in the popup. The account (user) will be deleted from the Iris Device Management System.
  - Select Cancel to NOT delete the user.

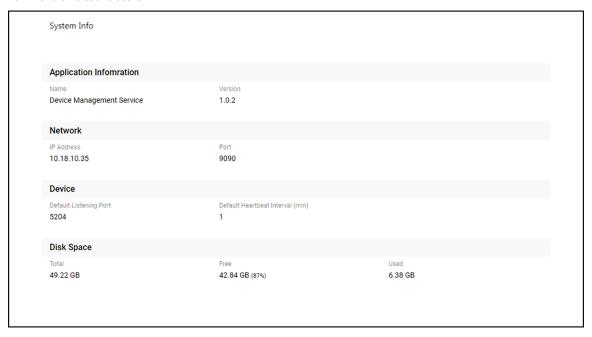


4. When complete, the Iris Device Management System returns to the Accounts screen.

Iris Device Management Service Chapter 2: Operation

## Iris Device Management System Information

The System Info screen displays the following information about the Iris Device Management System. These fields are read-only. Viewing is restricted to Administrator roles and above.



# Chapter 3: Messages

# Messages

Message	Potential Causes	Next Steps
Incorrect username or password	Attempting to login and the user id and/or password are incorrect.	Verify user id and/or password are correct and try again.
User already exists	Attempting to create a new user with the same username as a current user.	Use a modified user name.
User not found	<ul> <li>Attempting to view a user that does not exist based on user id.</li> <li>Attempting to view a user that the current user does not have access to, based on role hierarchy.</li> </ul>	<ul> <li>Verify user id is correct and try again.</li> <li>A different user with advanced roles is required to view user.</li> </ul>
Incorrect admin password	Displays when attempting to change a user's password and the admin password is incorrect.	Ensure the correct admin password is used.
Incorrect password	Displays when attempting to change a user's password and the old password is incorrect.	Ensure the correct user password is used.
Error while uploading software	Attempting to upload an invalid file.	Only upload valid files.
Software image version already exists	Uploading a file that is already loaded into the system.	Verify the correct file is being uploaded.
No software image found	Attempting to view a software version based on version id that is not in the system.	Verify software version id is correct and try again.
No Devices Added	Displays when there are no devices added.	Add a device to the system.
Are you sure you want to delete (serial number) device?	Displays when deleting a device.	Confirm to delete the device.
Device already exists	Displays when creating a device, which already exists in the system, based on the serial number field.	Verify device serial number is correct and try again.
Are you sure you want to cancel?	Displays when attempting to cancel a software image upload to the system or cancel sending a software image to the device.	Confirm to cancel the upload.
Low disc space. Please contact your administrator.	Displays when attempting to cancel a software image upload to the system or cancel sending a software image to the device.	Contact the network administrator to resolve.

# Chapter 4: Troubleshooting

## Troubleshooting the Iris Device Management System

The following section lists possible symptoms, the potential cause, and next steps.

Symptom	Potential Causes	Next Steps
Cannot login	<ul> <li>User not found</li> <li>Incorrect Password</li> <li>No network connection</li> </ul>	<ul> <li>Verify user id is correct and try again.</li> <li>Ensure the correct user password is used.</li> <li>Ensure the Iris Device Management System equipment is connected to a network and communicating.</li> <li>If the issue continues, contact the network administrator.</li> </ul>
Device does not display on the Device screen	<ul> <li>Device is disconnected from the network</li> <li>Device is Off</li> <li>Incorrect configuration</li> <li>Device not compatible</li> </ul>	Determine device status and attempt to accessing device again.
Device detail view does not display	<ul> <li>Device details are being modified by another user</li> <li>Device software is currently updating</li> <li>Incorrect configuration</li> <li>Device not compatible</li> </ul>	Determine device status and attempt to accessing device again.

# Chapter 5: Specifications

## **Default Account Information**

Username	Password	Role
serviceadmin	MasimoDMS2018!	Super Admin

# Minimum System Requirements

Requirement	Details
Operating System	Red Hat 6.5
CPU	Quad-Core CPU, 1.80 GHz
RAM	4 GB
HDD	512 GB

## **Supported Devices**

Device	Specifications
Root	Software greater than v2.0.7.8

## **Supported Browsers**

Browser	Minimum Version
Google Chrome	70

## Symbols

Symbols	Definition
	Follow Instructions for use
NON STERILE	Non-Sterile
	Not made with natural rubber latex
aku indicato.	Instructions/Directions for Use/Manuals are available in electronic format @http://www.Masimo.com/TechDocs <b>Note:</b> eIFU is not available in all countries.

## Chapter 6: Warranty Information

#### Masimo Technical Services

To contact Masimo Technical Services, refer to the Masimo Technical Services web page: http://www.masimo.co.uk/company/global-services/technical-services/

#### **Contacting Masimo**

Masimo Corporation 52 Discovery Irvine, California 92618 Tel:+1 949 297 7000 Fax:+1 949 297 7001

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