User Instructions

MSA FireGrid

Order No.:10219194/05

Print Spec: 10000005389 (EO)

CR: 800000067457

US

MSAsafety.com

WARNING!

These instructions must be provided to users before use of the product and retained for ready reference by the user. Read this manual carefully before using or maintaining the device. The device will perform as designed only if it is used and maintained in accordance with the manufacturer's instructions. Otherwise, it could fail to perform as designed, and persons who rely on this device could sustain serious injury or death.

The warranties made by MSA with respect to the product are voided if the product is not installed and used in accordance with the instructions in this manual. Please protect yourself and your employees by following the instructions.

Please read and observe the WARNINGS and CAUTIONS inside. For additional information relative to use or repair, call 1-800-MSA-2222 during regular working hours.

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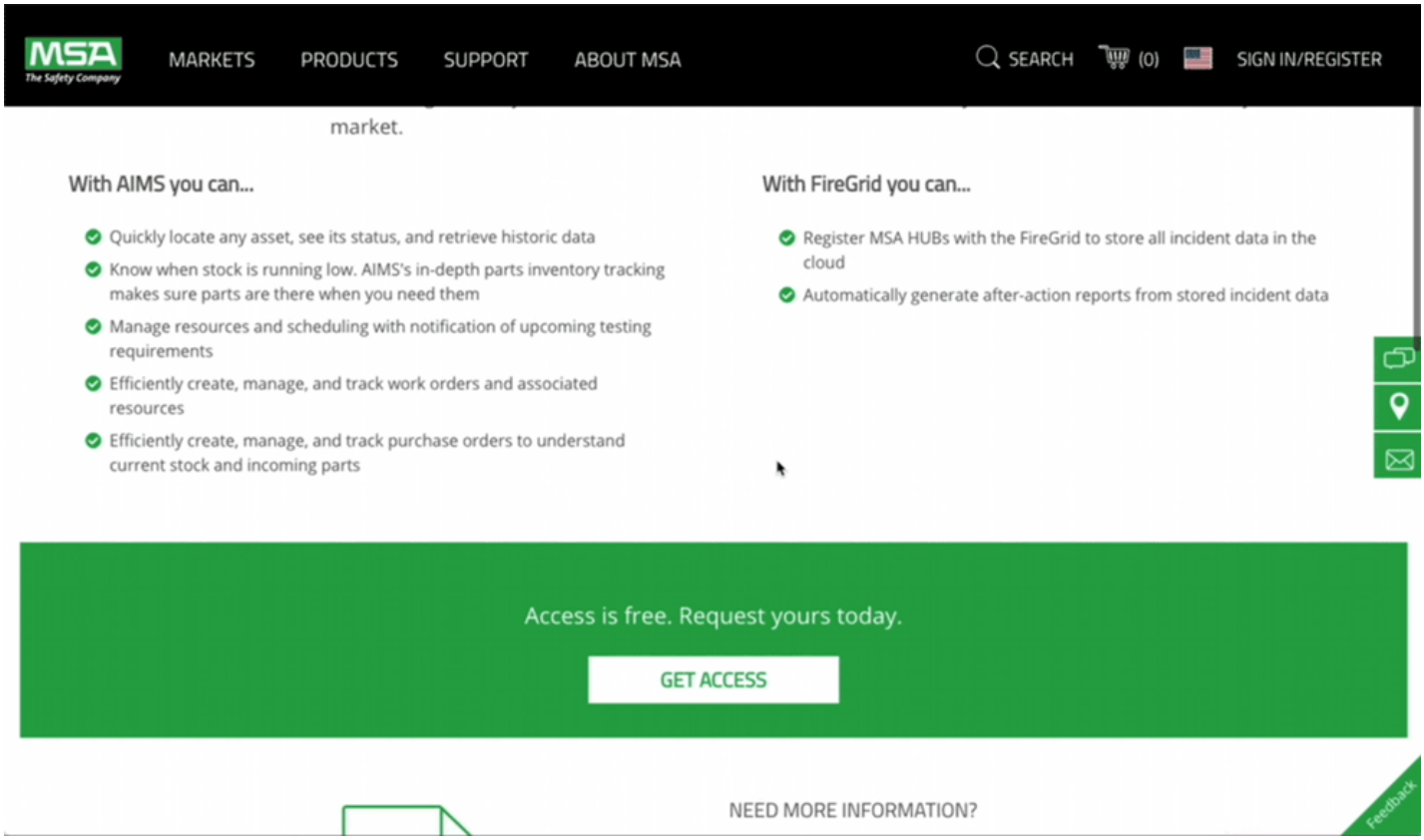
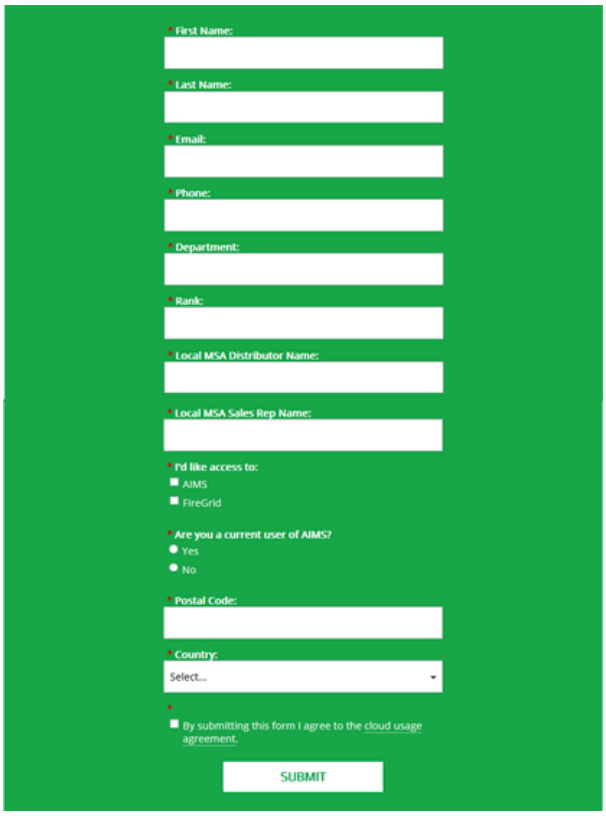
1 Getting Started

To request a **FireGrid** and **FireGrid Inventory** account for your organization (and User Administrator):

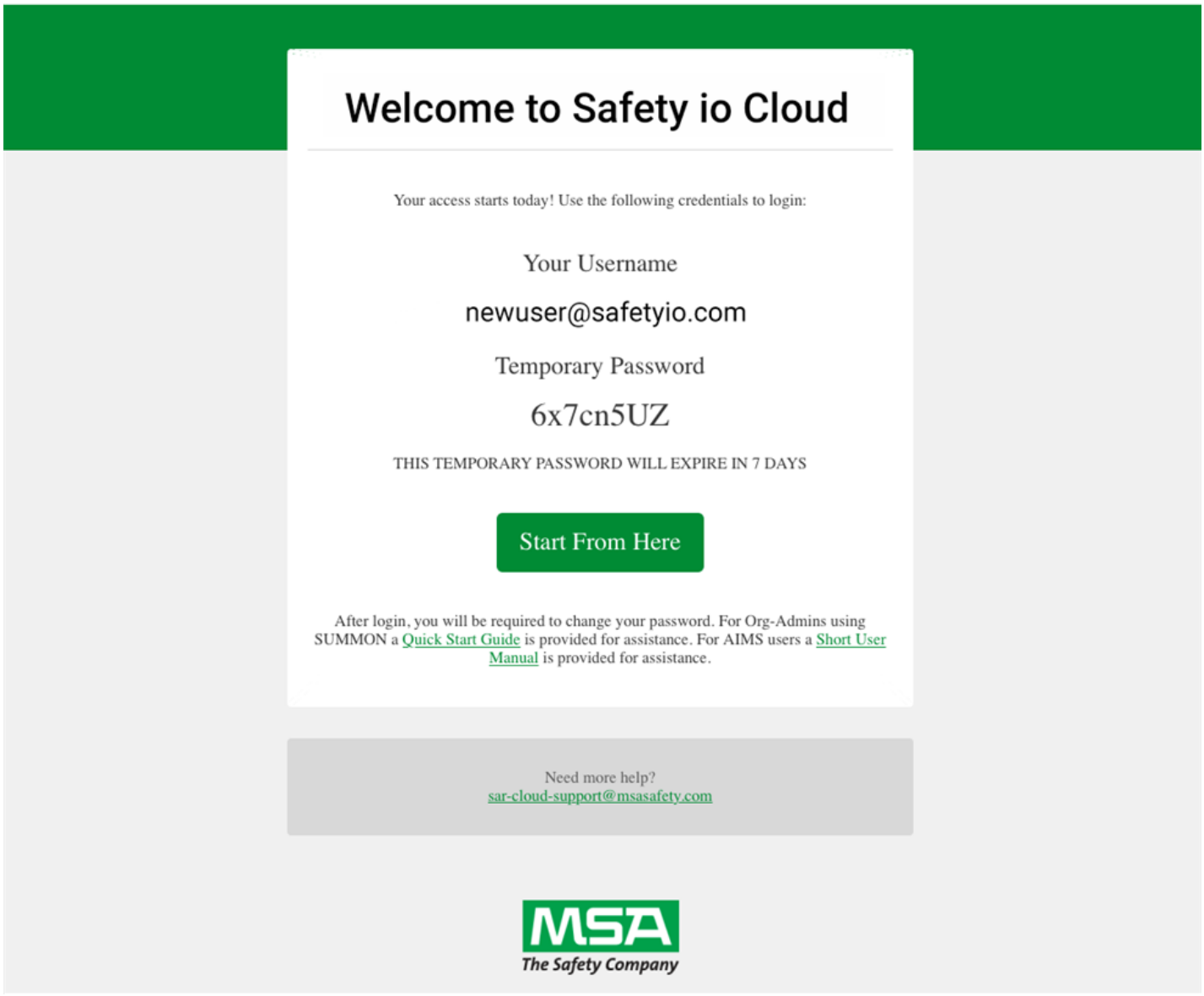
1. Go to the MSA website at https://us.msasafety.com/markets/fire-service/firegrid.
2. Click the **Get Access** button.



3. Fill out the form and select the apps to access.



4. Click the **Submit**button. An email with the account username and a temporary password is sent to the email address used to request access.

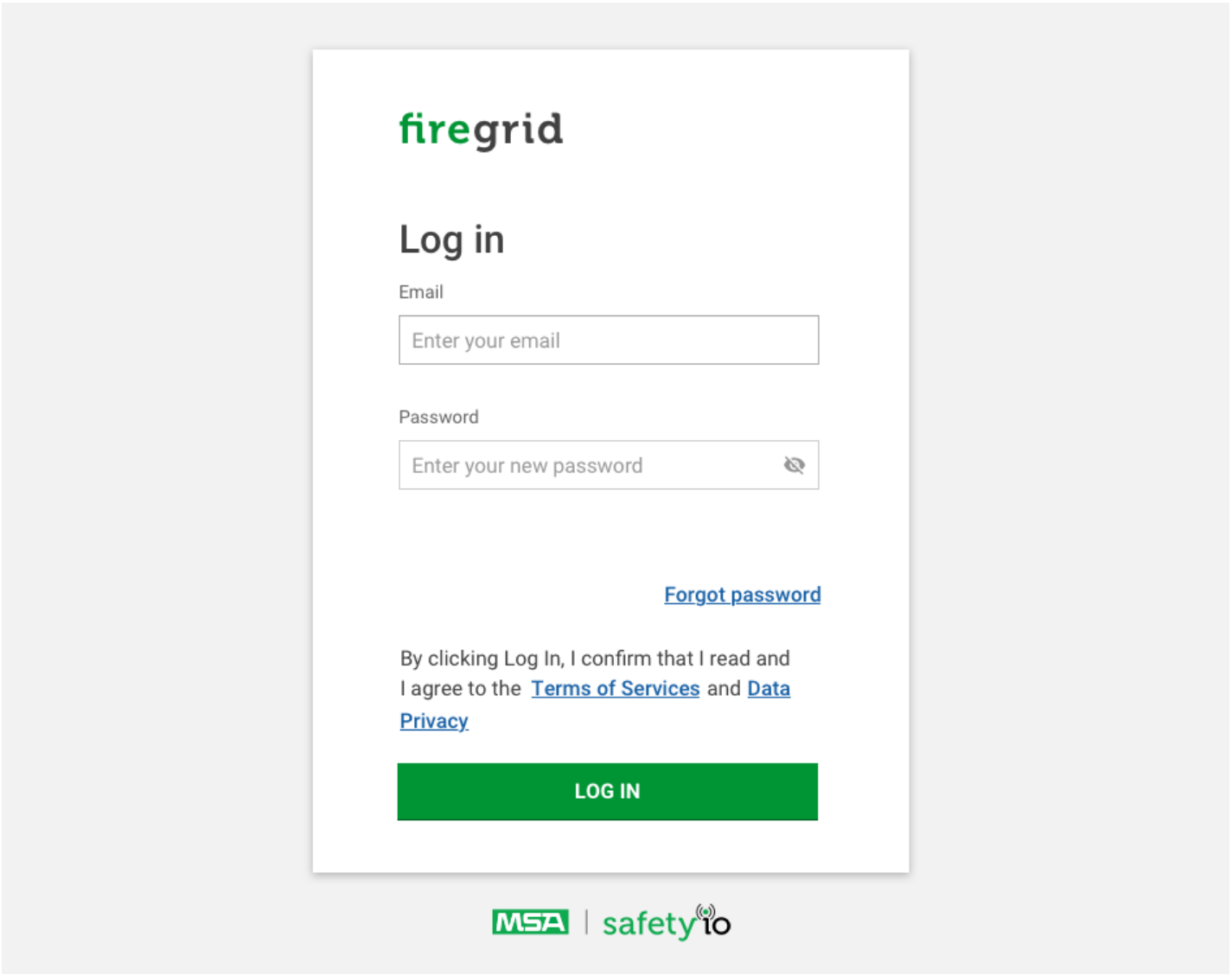


5. Click the **Start Now** button to log into the account.

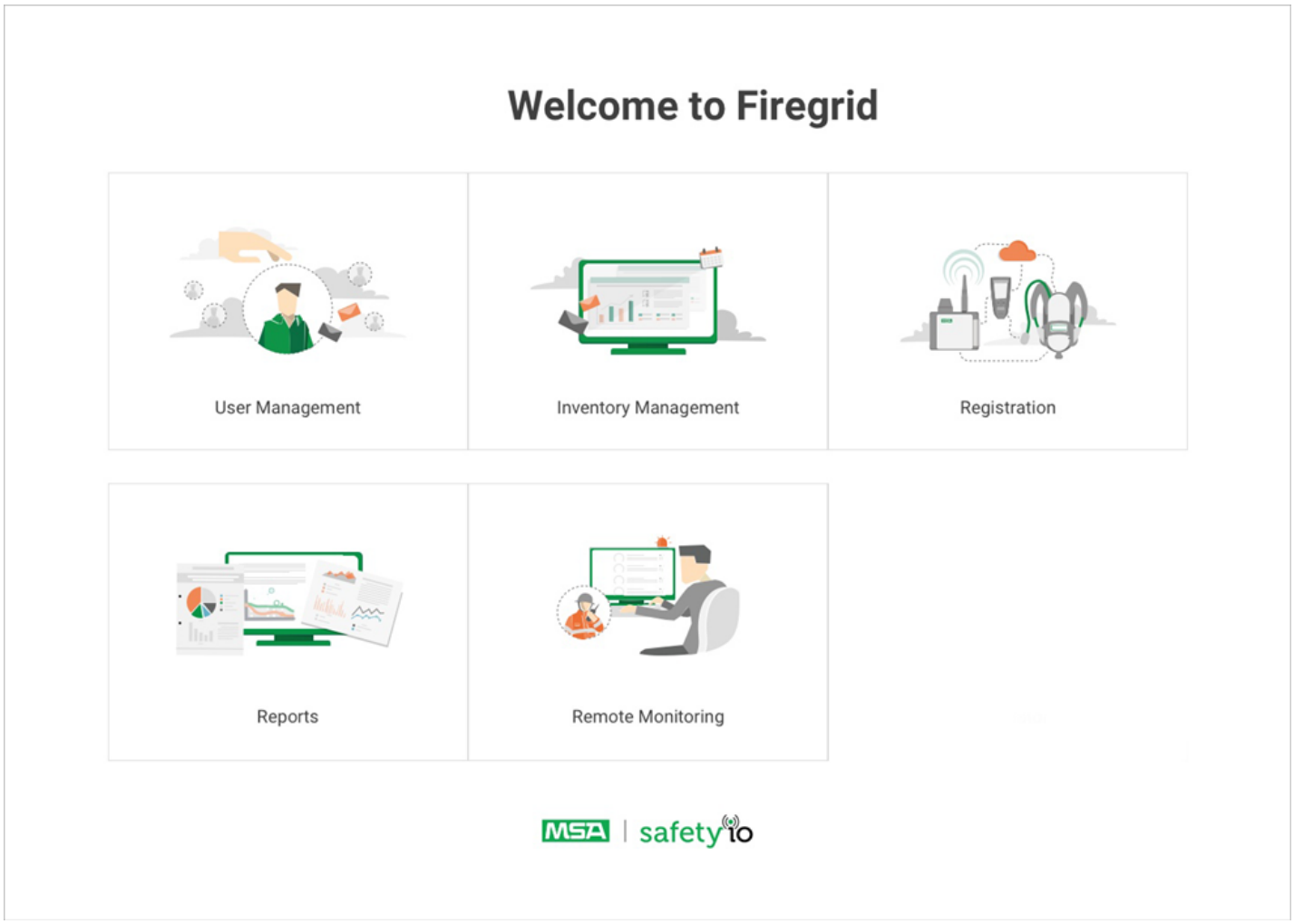
2 FireGrid Web App

2.1 Logging Into FireGrid

1. Enter an **Email** address and **Password** and click **Log In**. See Getting Started with a FireGrid Account to get access, if you do not already have an account.



2. Select an app to open.



2.2 FireGrid App Menu

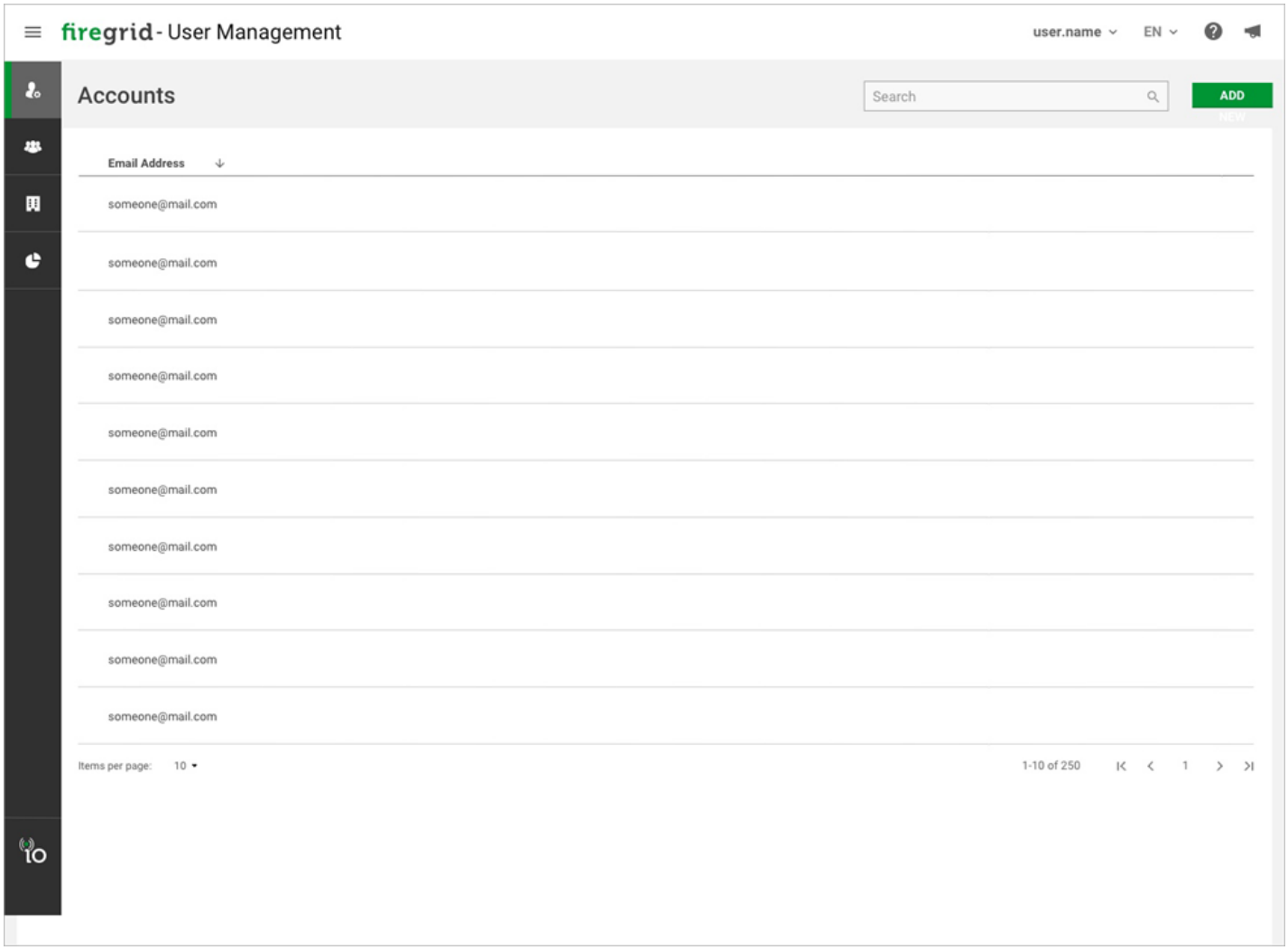
After logging into FireGrid and selecting an app to open, use the FireGrid **App** menu to switch between the apps. This menu is available in all apps.

1. Click the **App** menu.
2. Select an app to open.

2.3 User Management

From the **User Management** area of the FireGrid Web App, the company account and all email accounts associated with the company account can be filtered and managed. Company information may be edited and email accounts can be added or edited as needed.

Log into FireGrid and select **User Management**. The **Account Administration** default page opens.



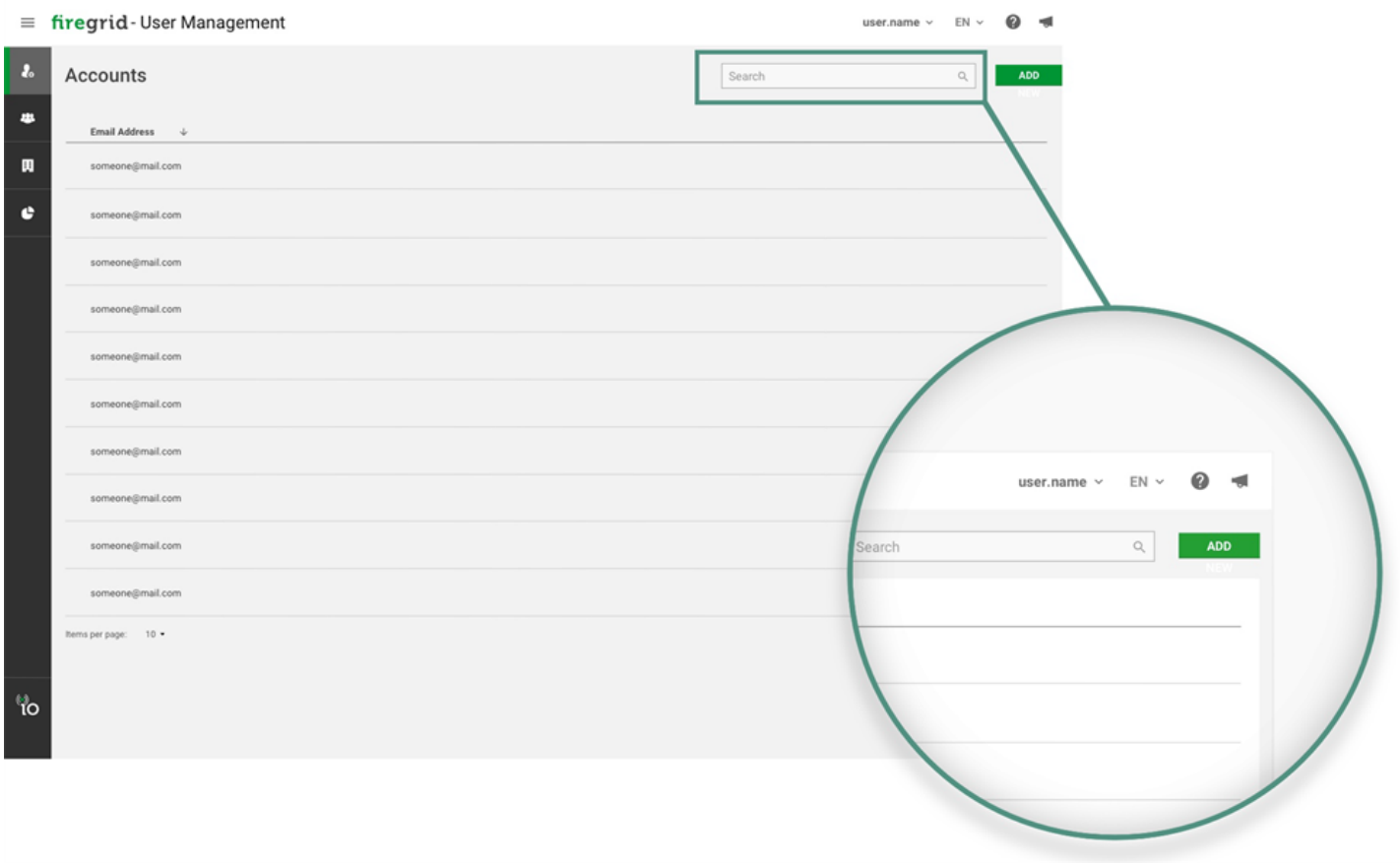
2.3.1 Accessing the User Management Menu

Click the **User Management** menu icon.

Menu Options	
Account Administration	Default **User Management** page. Click to view, edit, or add email accounts associated with the company account.
Company Information	Click to edit company account information.
About	Click to view **User Management** version number, end user license agreement, and software dependencies.

2.3.2 Filtering Email Accounts

To filter email accounts associated with a company account, open the **Account Administration** page and enter filter text in the Filter bar. Only email accounts that include the text appear in the results.



2.3.3 Editing Company Information

1. In the **User Management** menu, click **Company Information**.
2. Edit company information as needed and click **Save**.

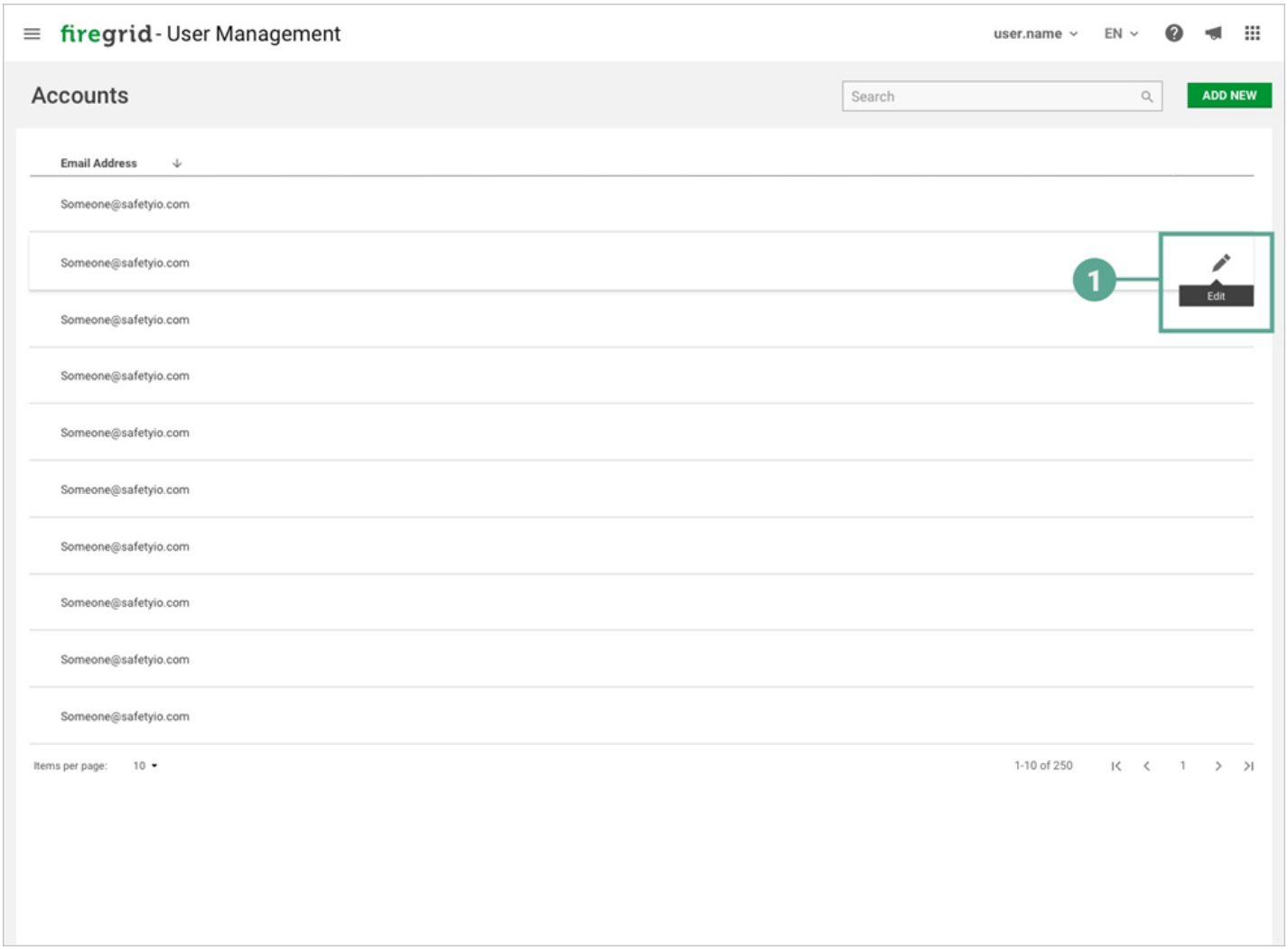
2.3.4 Adding an Email Account to a Company Account

1. On the **Account Administration** page, click the **Add** icon.

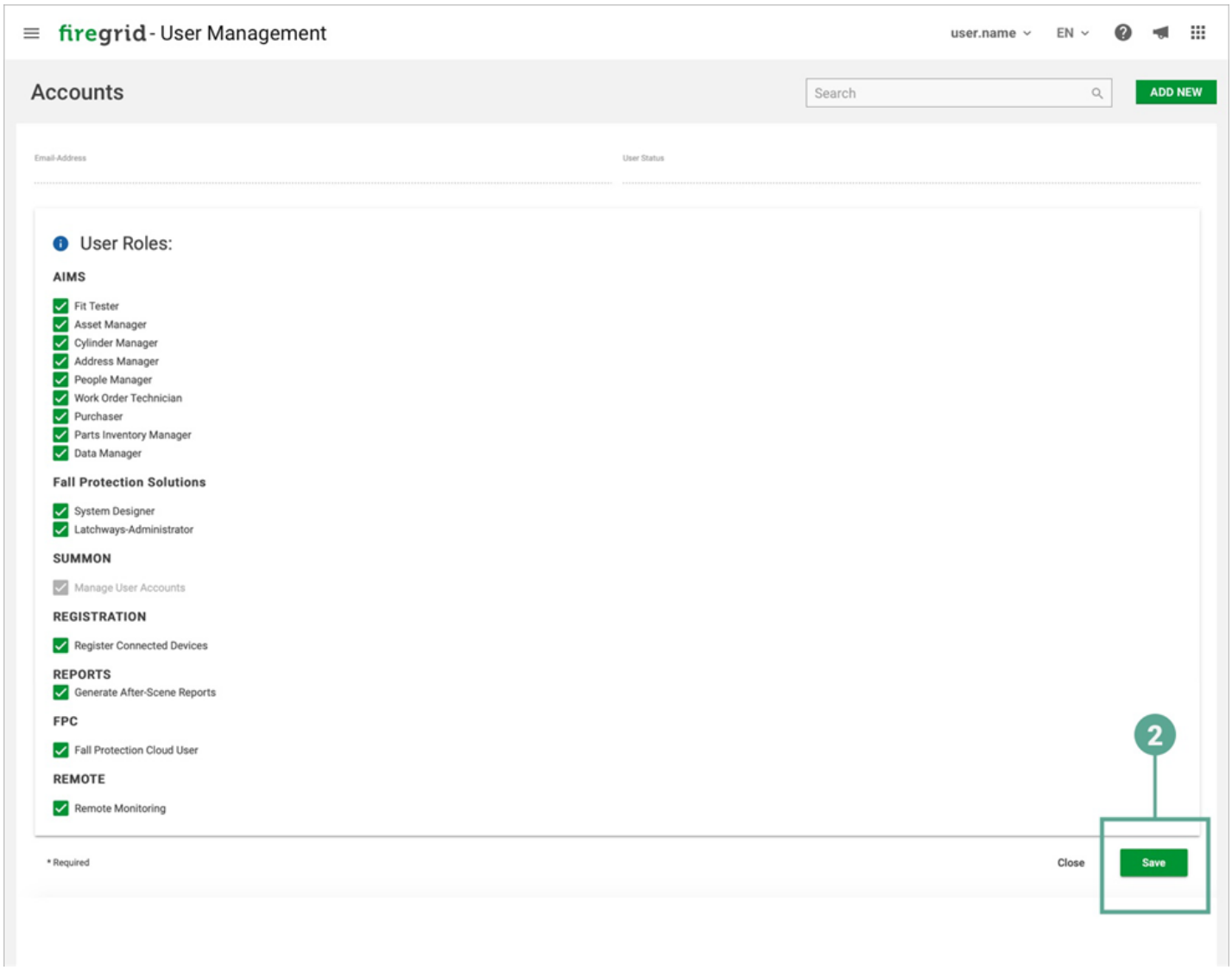
   NOTE: The User will be active in the company account, by default. Check the **Active** checkbox if the User should not be active.
2. Enter a required email address for the User, which will become his/her username.
3. Select the desired User roles for the email account and click **Save**.

2.3.5 Editing an Email Account

1. On the **Account Administration** page, click vertical ellipsis icon next to an email address and click the **Edit** icon.



2. Select the desired User roles for the email account and click **Save**.

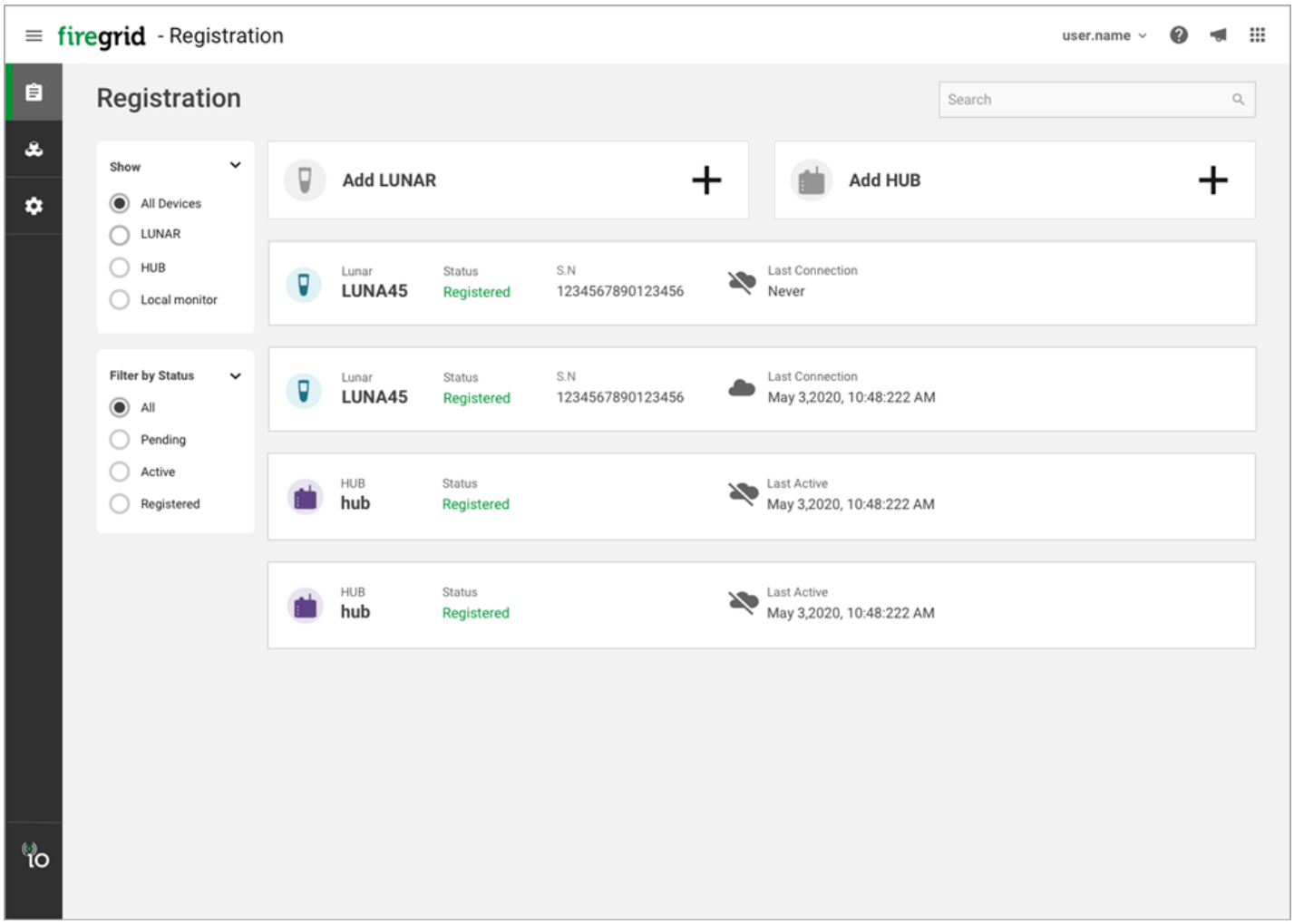


2.4 Registration

Each device registered to the customer account is listed on the **Registration** page. This includes HUB, LUNAR, and Monitoring devices.

Devices pending registration are also listed and include an access code required to complete registration in the A2 Desktop Application. Devices that have not yet been registered and have an expired activation code also appear in this list.

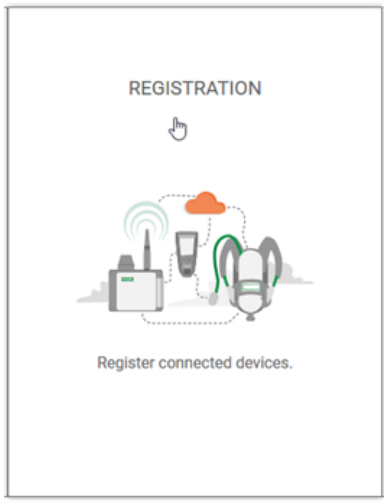
Log into FireGrid and select **Registration**.



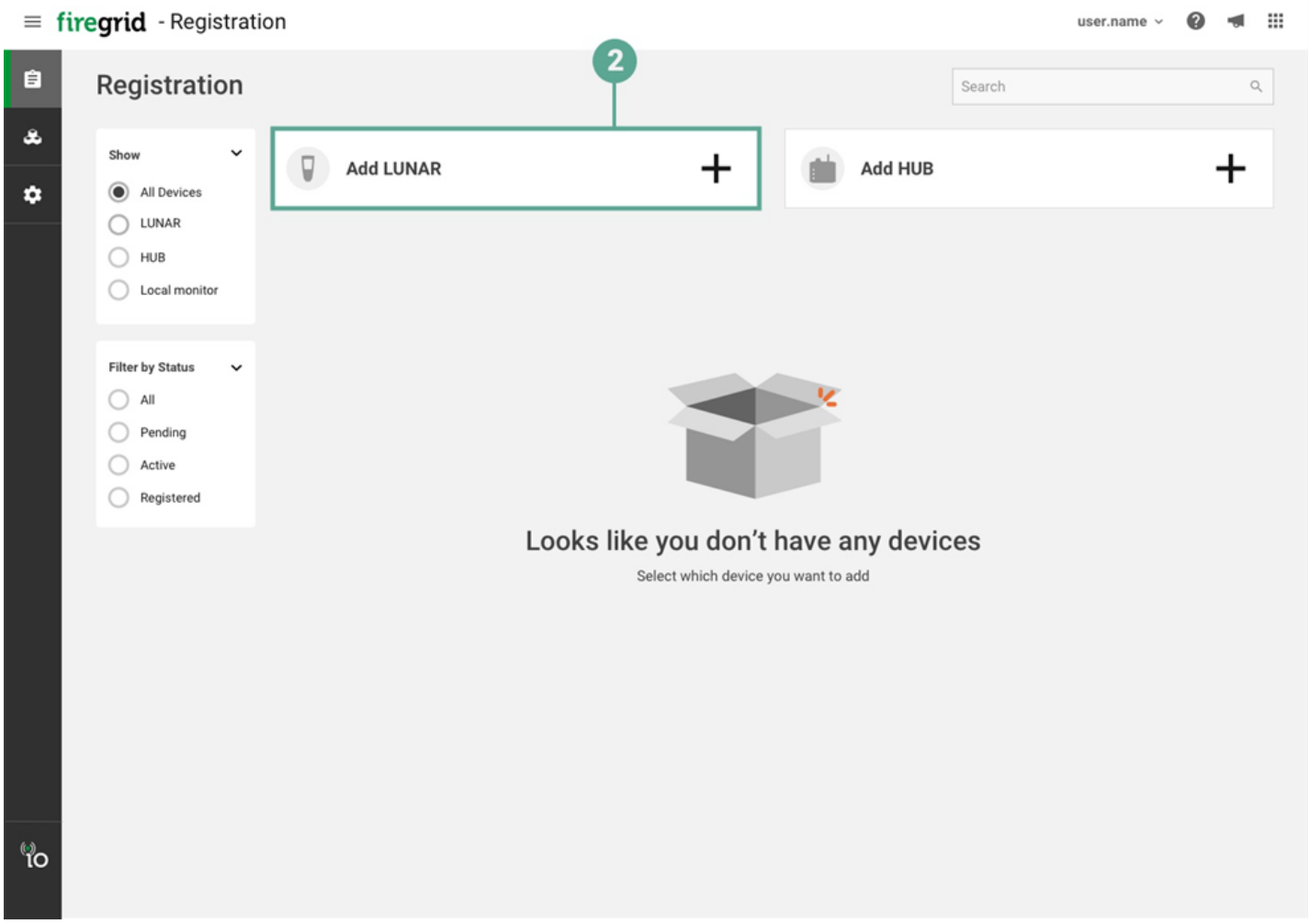
2.4.1 Registering a Device

Registering a LUNAR Device

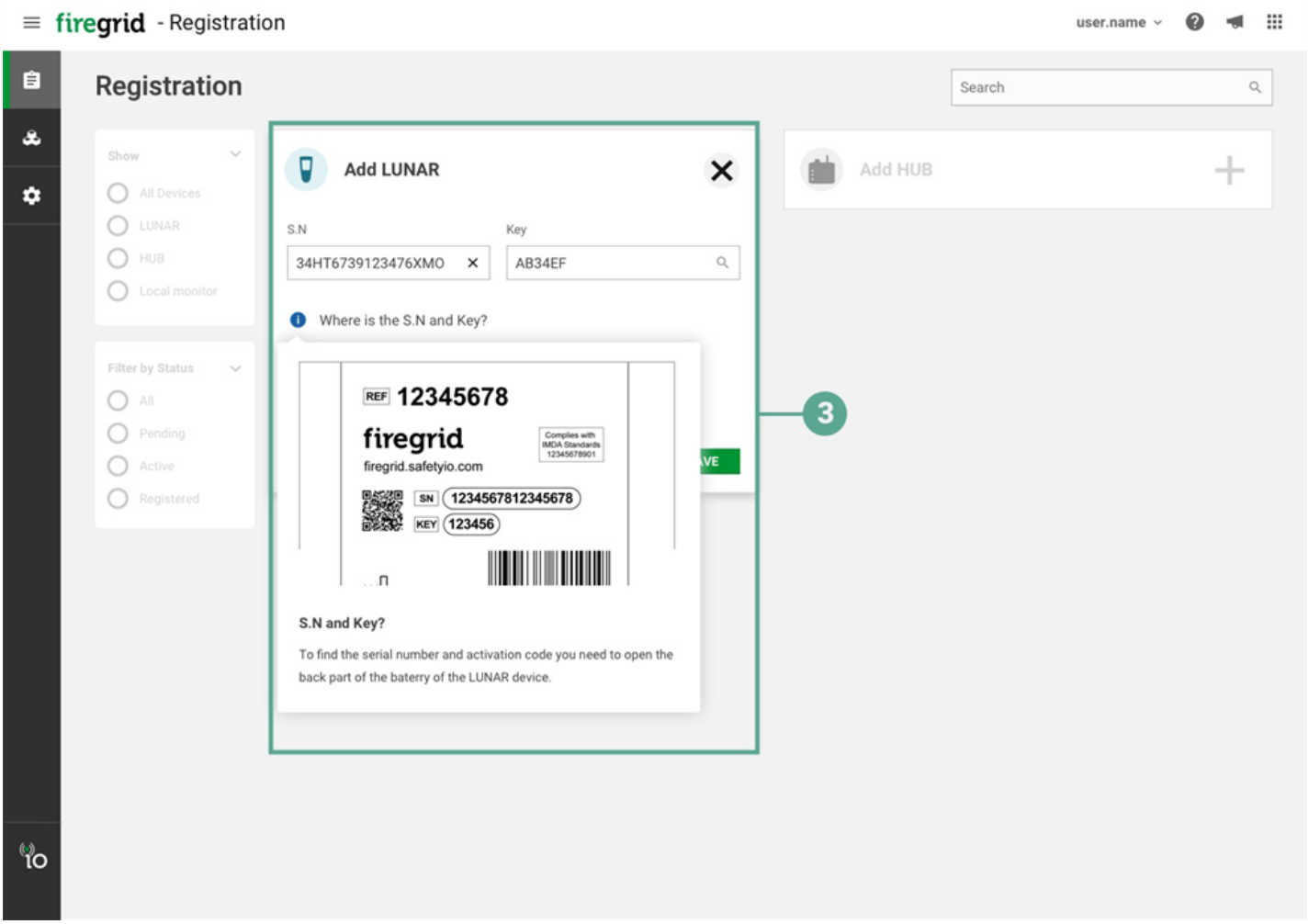
1. Click **Registration** on the FireGrid landing page.



2. Click **Add LUNAR**.



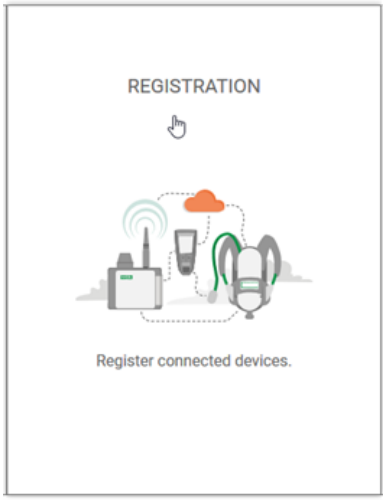
3. Enter the **Serial Number**and **Key**. These can be found on the LUNAR registration card included in the device packaging (REF 10214667).



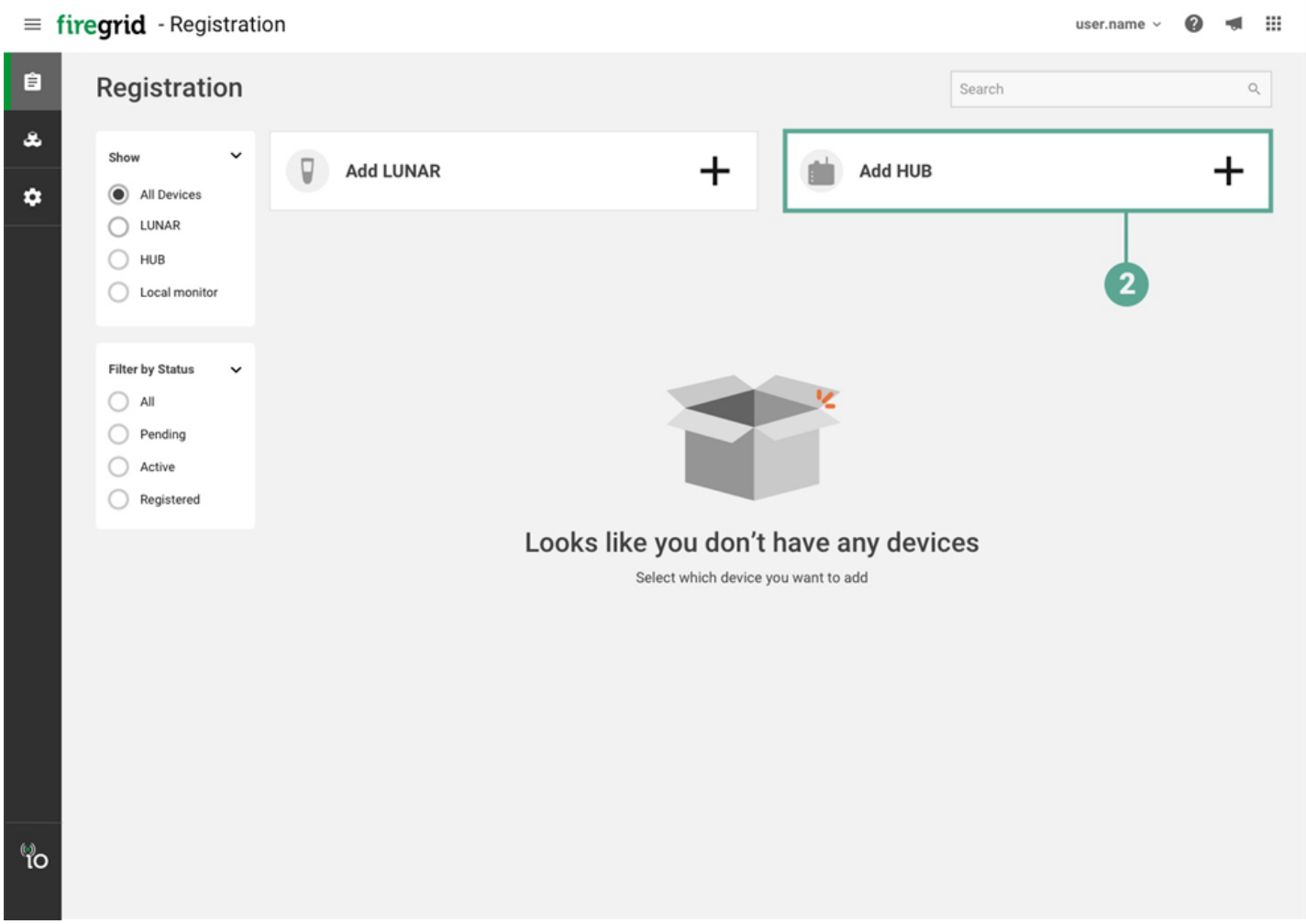
4. Click **Save**.

Registering a HUB Device

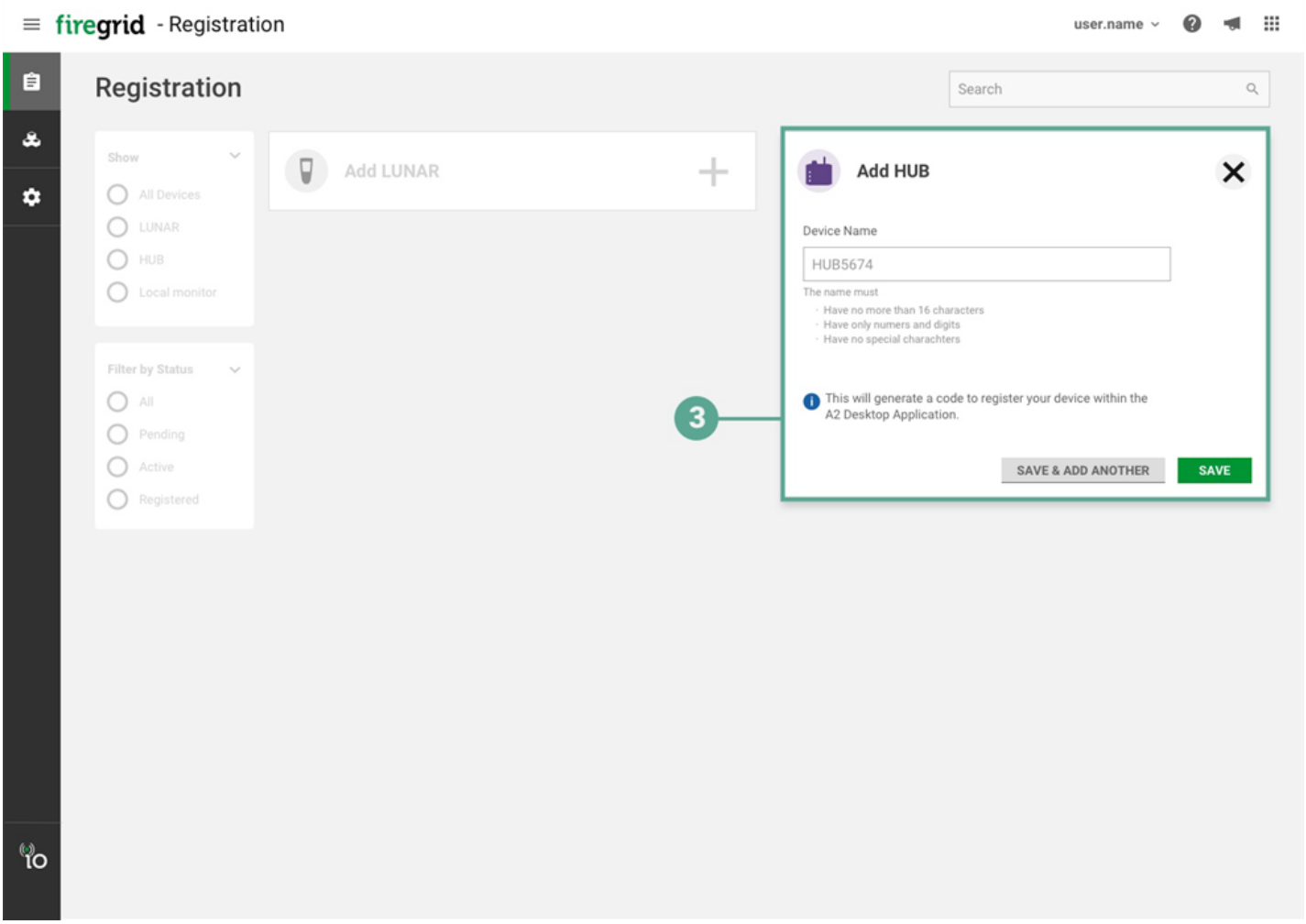
1. Click **Registration**on the FireGrid landing page.

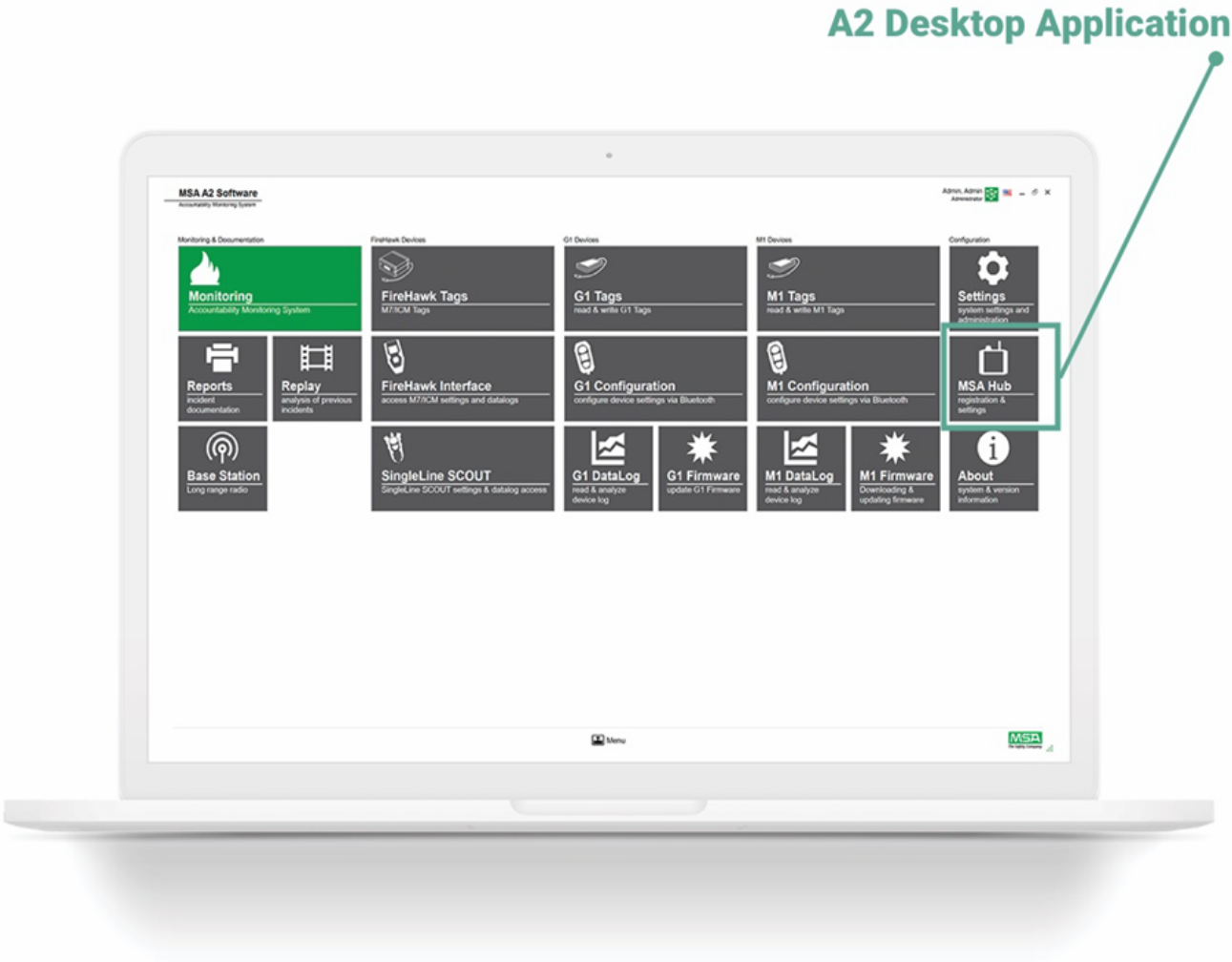


2. Click **Add HUB**.



3. Enter the **Device Name**.



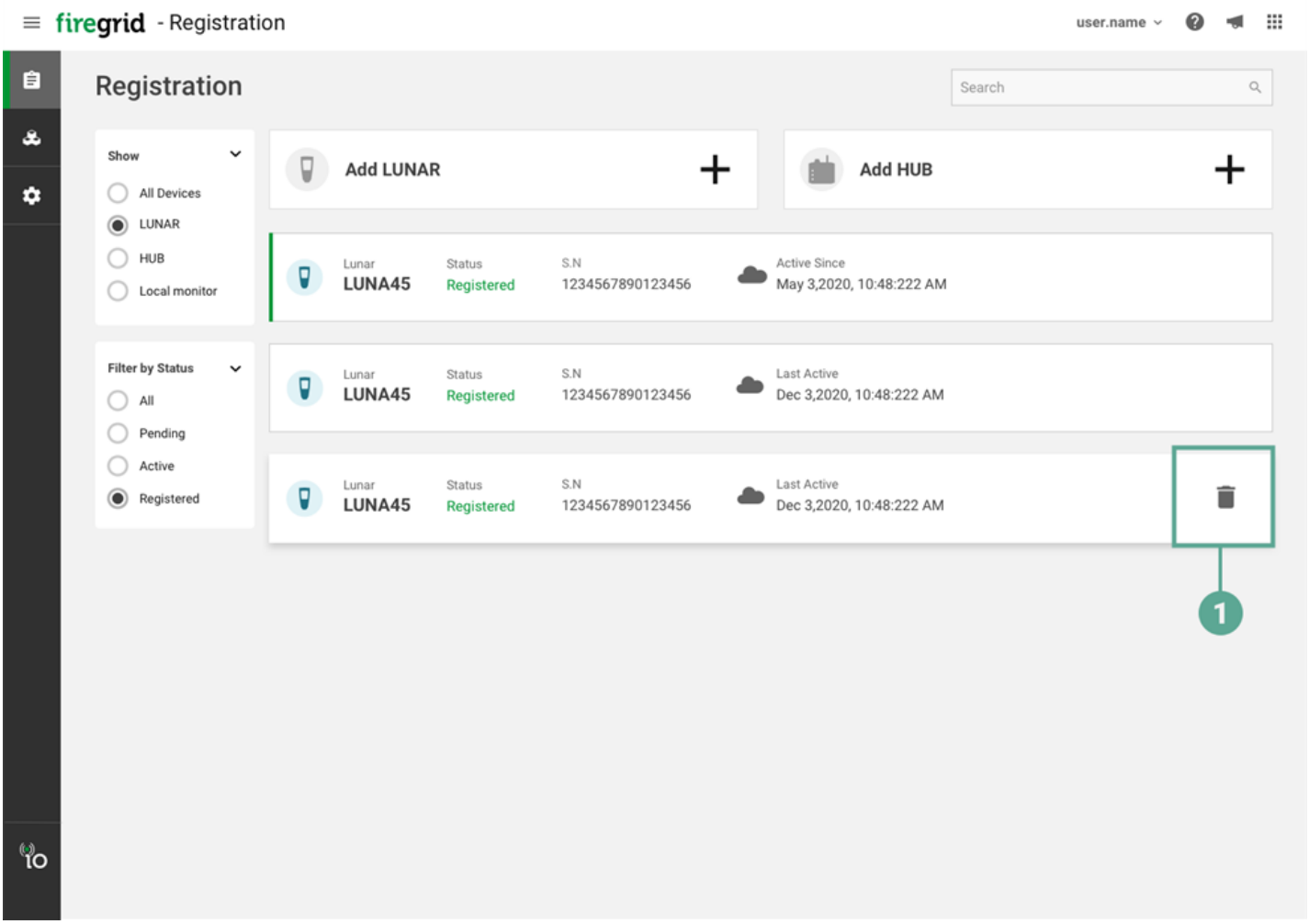

A2 Desktop Application
MSA A2 Software
Monitoring & Documentation
FireHawk Devices
G1 Devices
M1 Devices
Configuration
Monitoring
Accountability Monitoring System
FireHawk Tags
M7/6CM Tags
G1 Tags
read & write G1 Tags
M1 Tags
read & write M1 Tags
Settings
system settings and administration
Reports
incident documentation
Replay
analysis of previous incidents
FireHawk Interface
access M7/6CM settings and datalogs
G1 Configuration
configure device settings via Bluetooth
M1 Configuration
configure device settings via Bluetooth
MSA Hub
registration & settings
Base Station
Long range radio
SingleLine SCOUT
SingleLine SCOUT settings & datalog access
G1 DataLog
read & analyze device log
G1 Firmware
update G1 Firmware
M1 DataLog
read & analyze device log
M1 Firmware
Downloading & updating firmware
About
system & version information
Menu

4. Click **Save**.

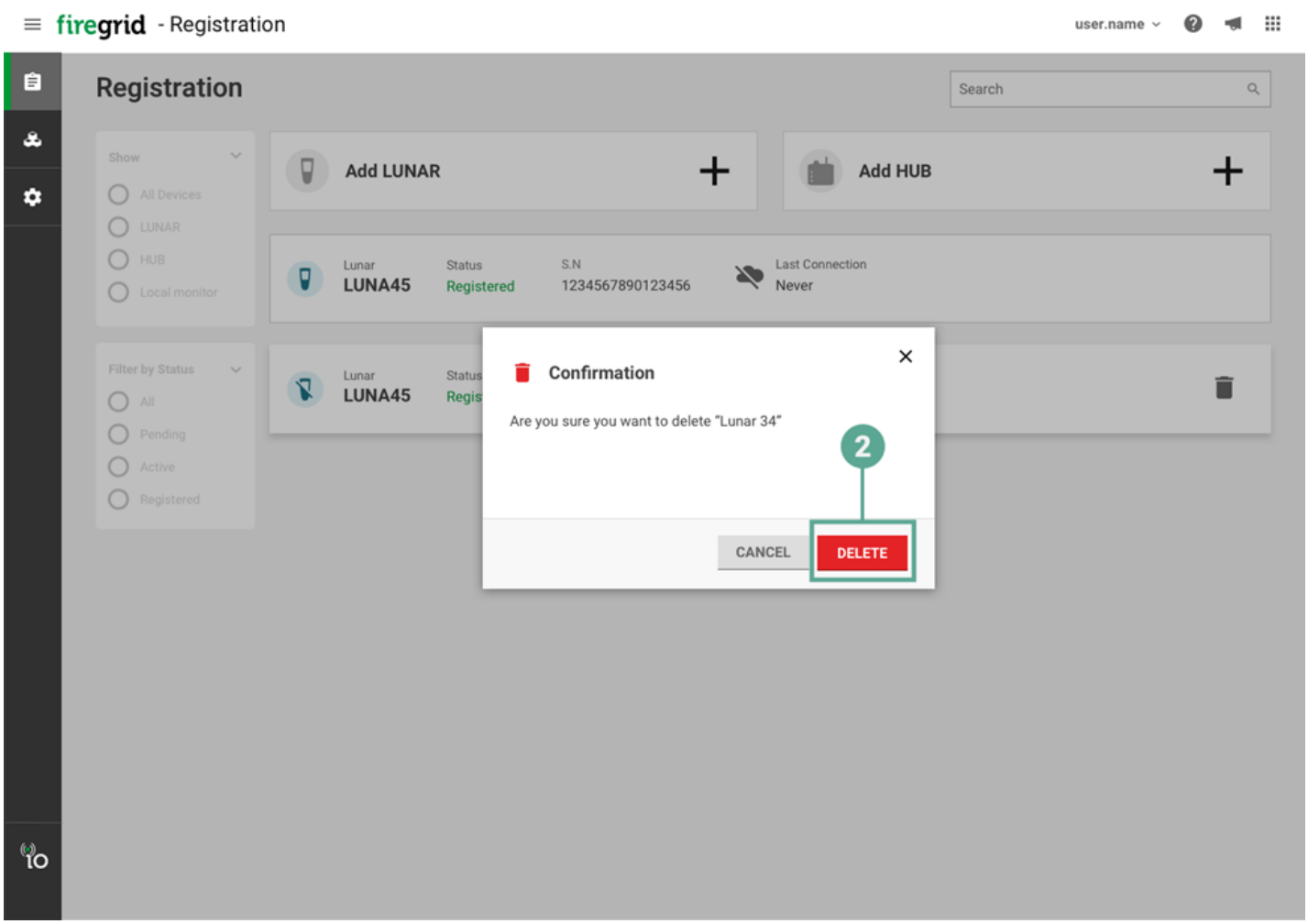
2.4.2 Removing a Registered Device from FireGrid

Registered devices can only be removed from FireGrid if they are not currently connected.

1. From the Registration page, hover over the device and click the trash can icon.



2. Click **Delete** to confirm.

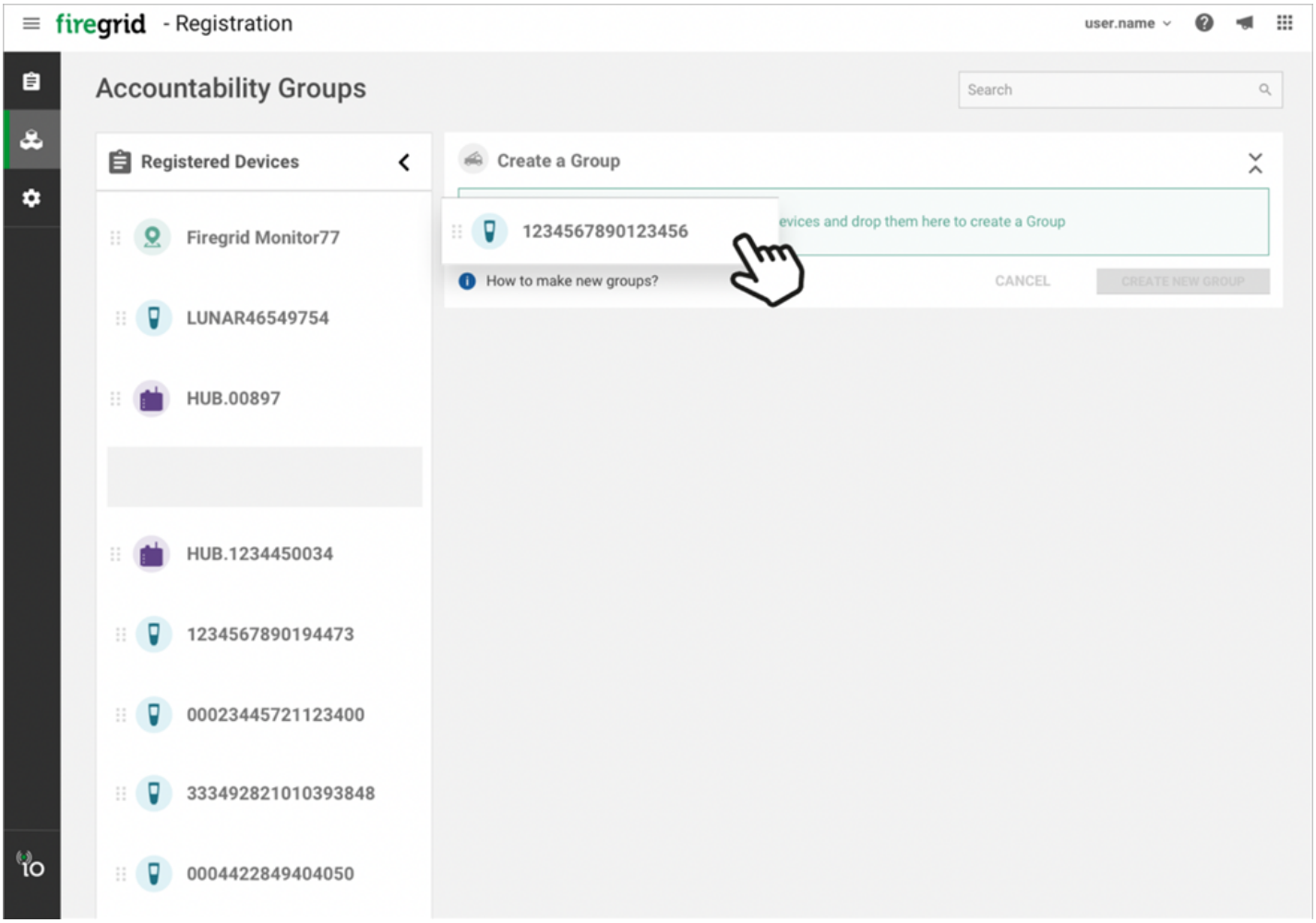


2.5 Accountability Groups

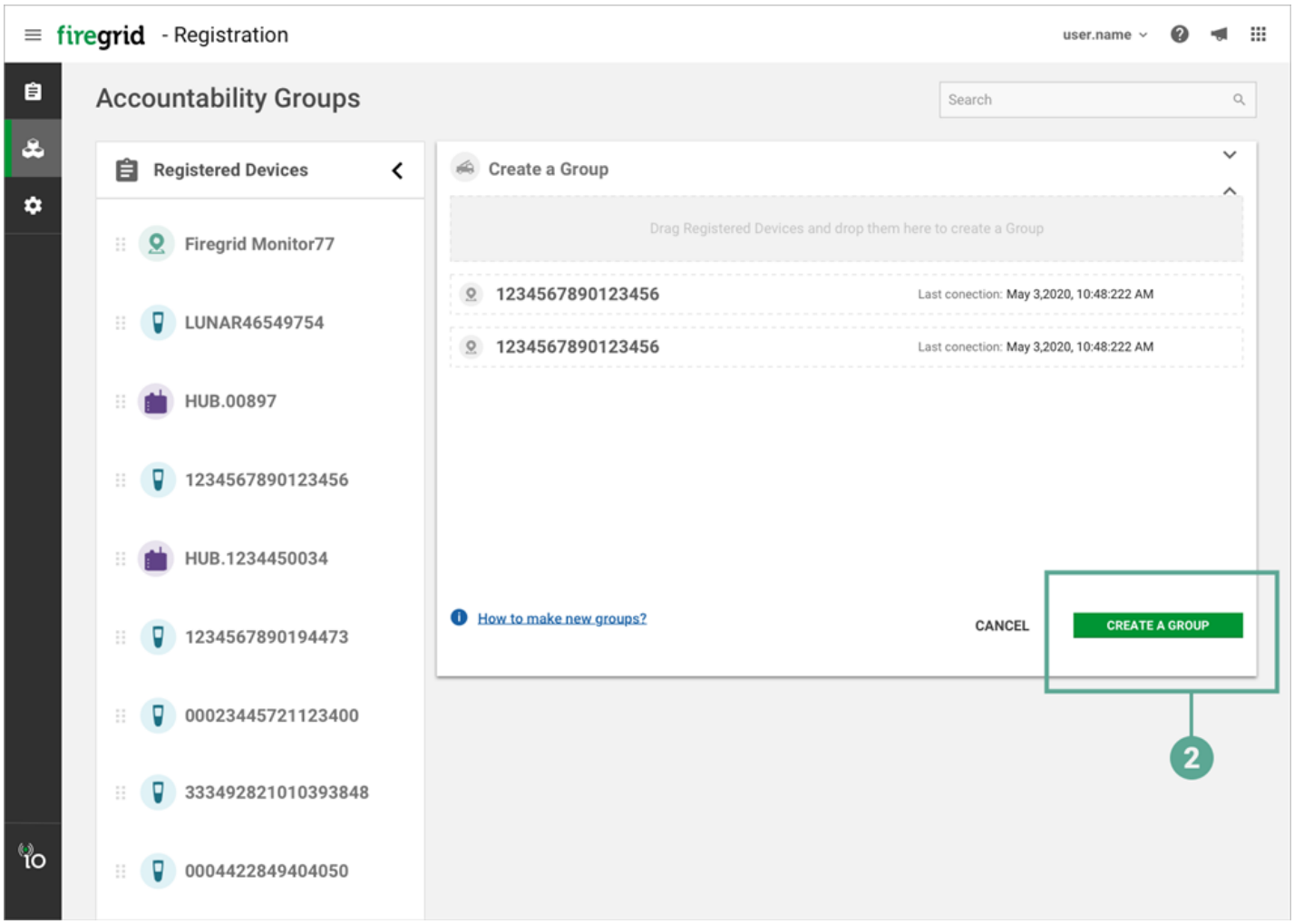
Accountability Groups are User-defined groups of devices that allow for easier, more focused monitoring. Accountability Groups are created in the Registration of the FireGrid Web app. All incident information is assembled based on these groups, and local monitoring allows you to select which group to monitor.

2.5.1 Creating Accountability Groups

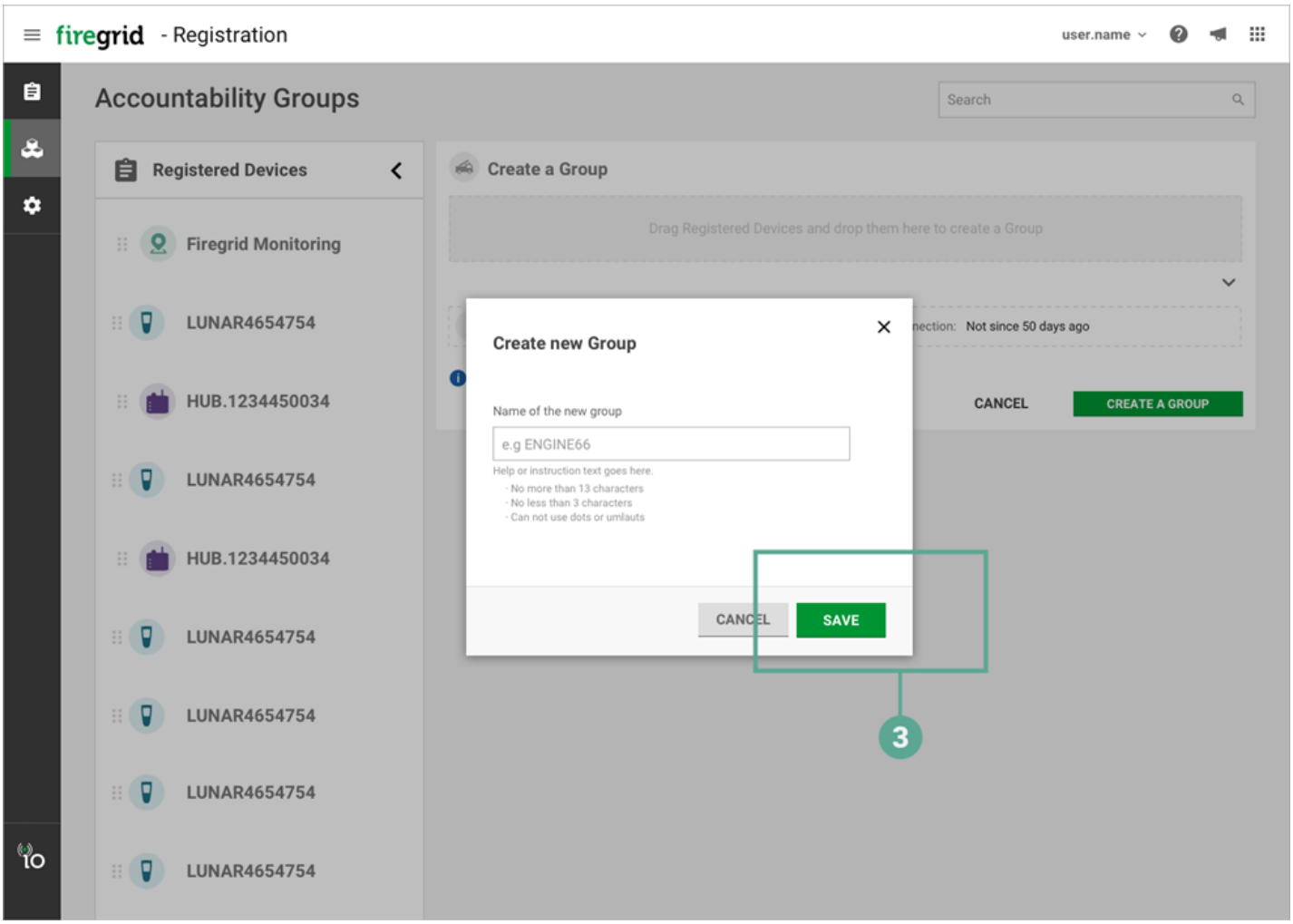
1. To create a new Accountability Group, click and drag a registered device into the Create a Group area.



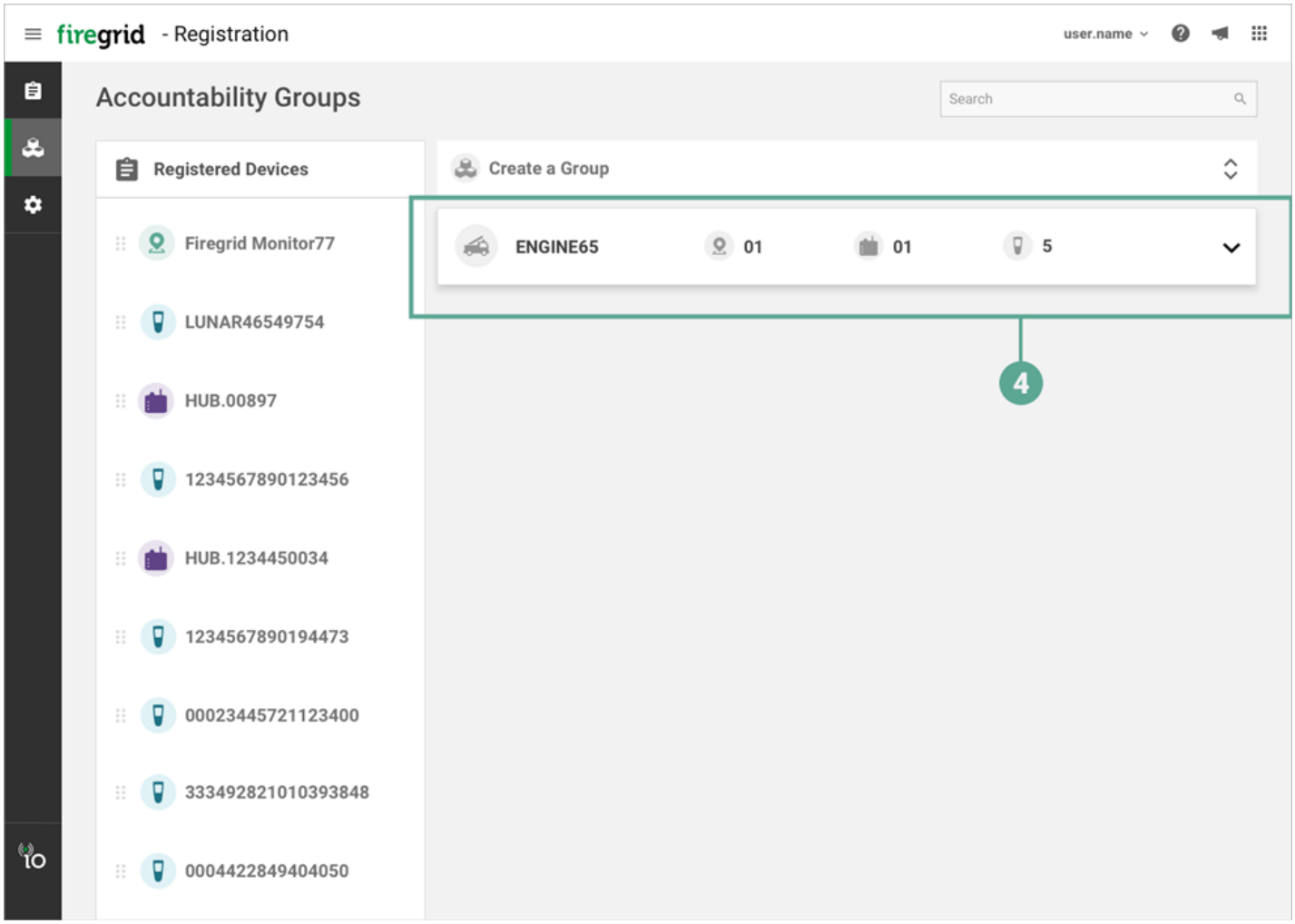
2. Once all desired devices are added to the group, click **Create a Group**.



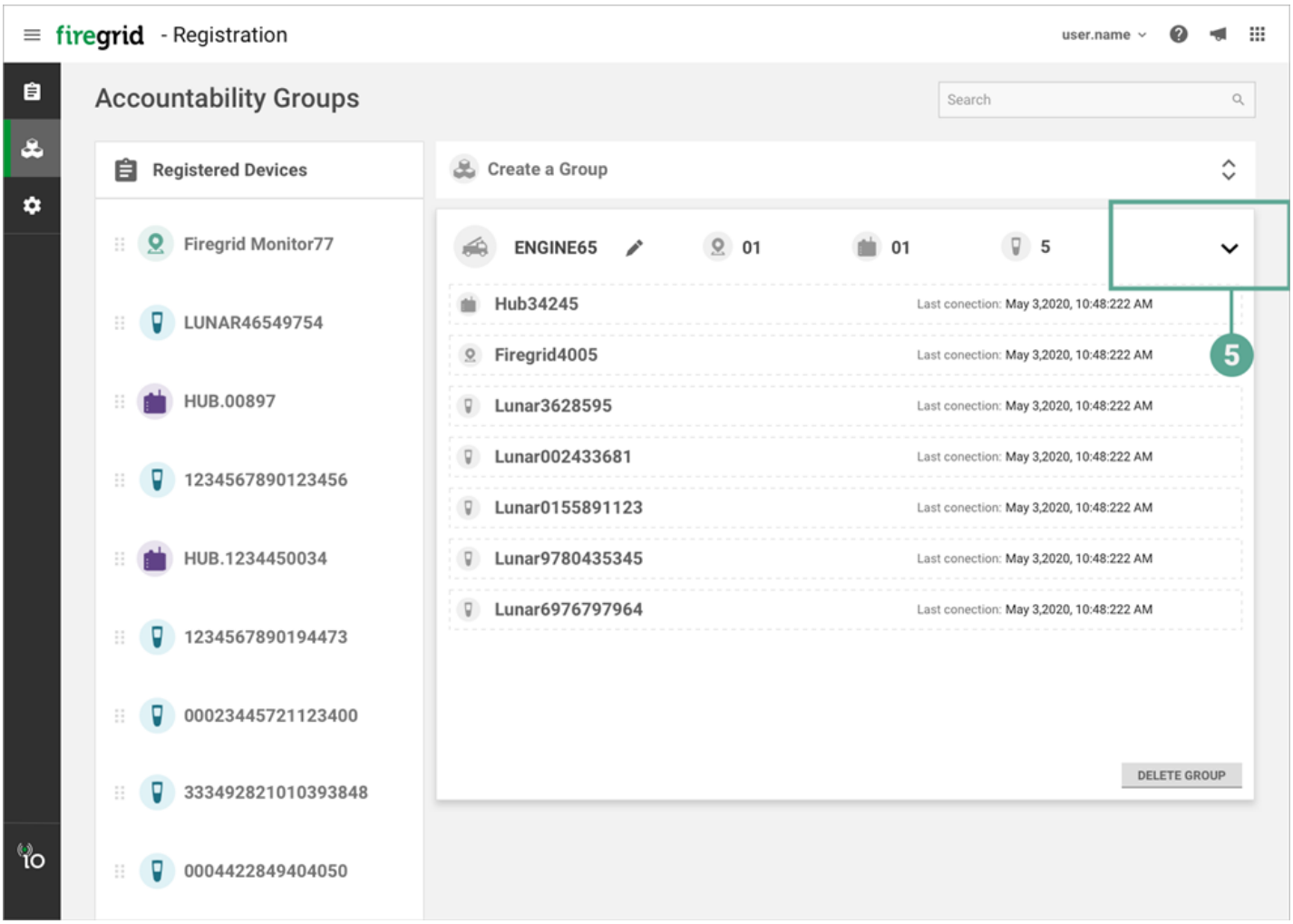
3. Enter a name for the group and click **Save**.



4. Once created, a summary of the group displays on the page showing how many of each device type are included in the group.



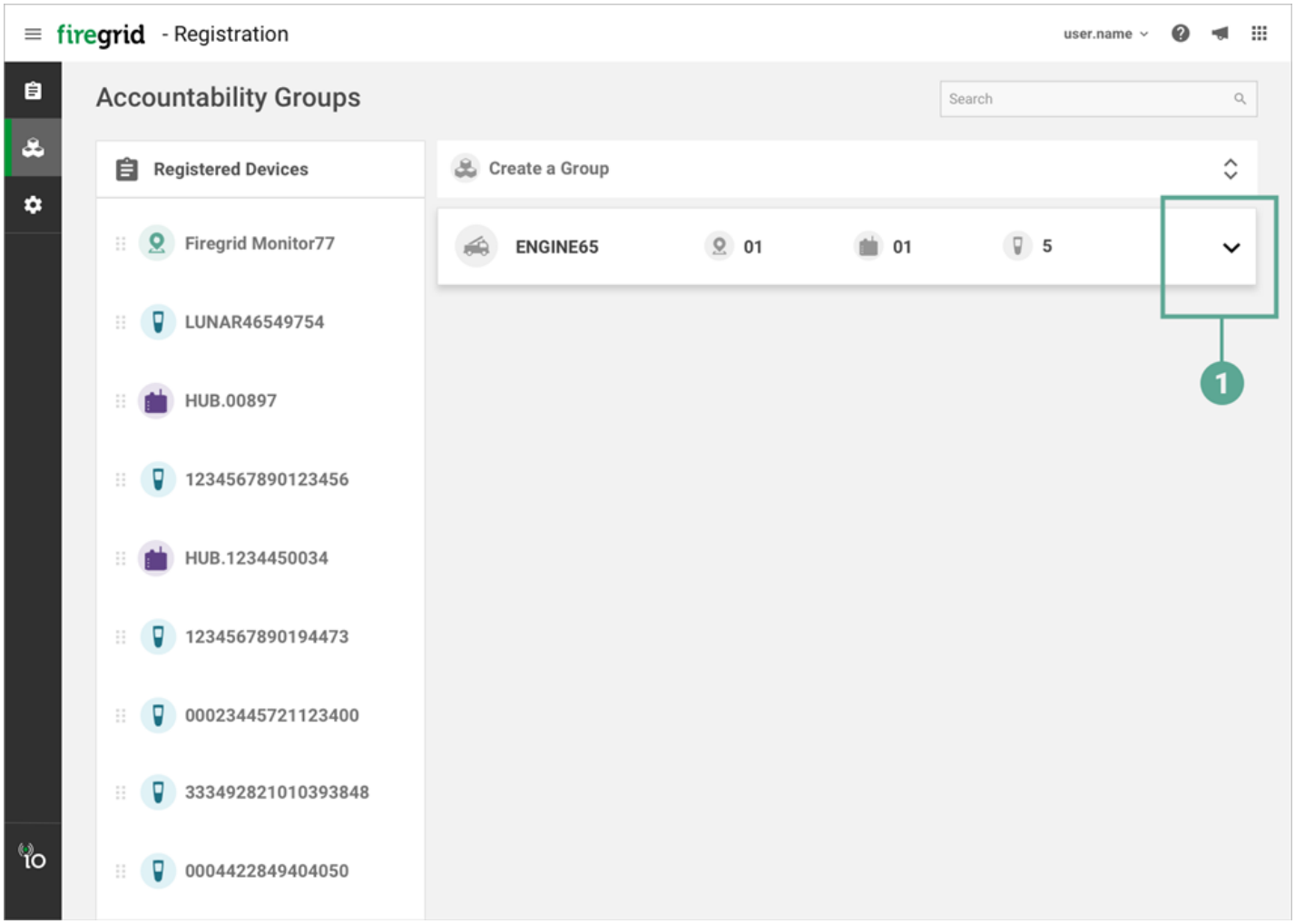
5. Click the **Expand** icon to reveal a detailed list of the group devices.



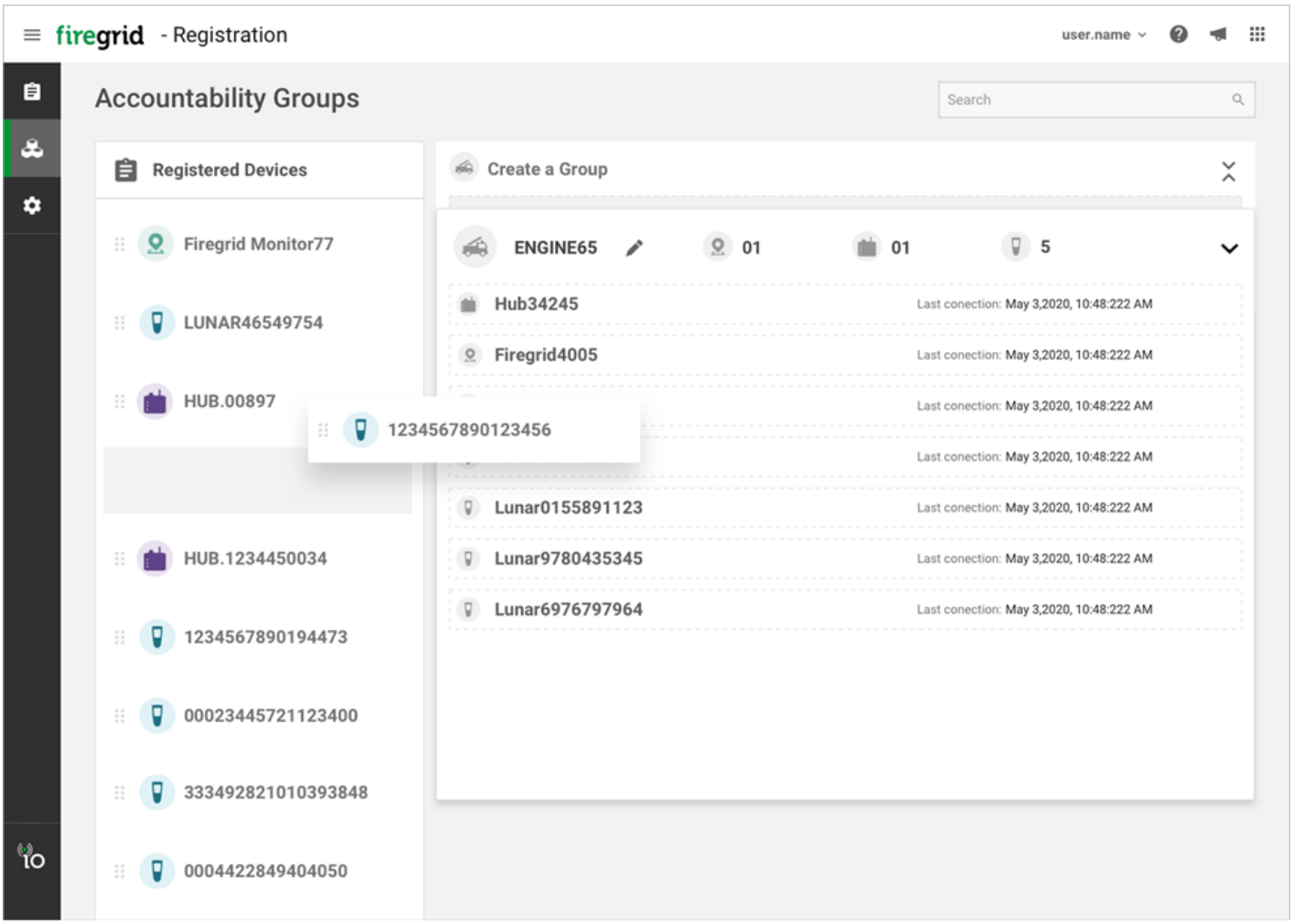
2.5.2 Modifying Accountability Groups

Existing groups must be inactive (no devices online/connected) to add or remove devices.

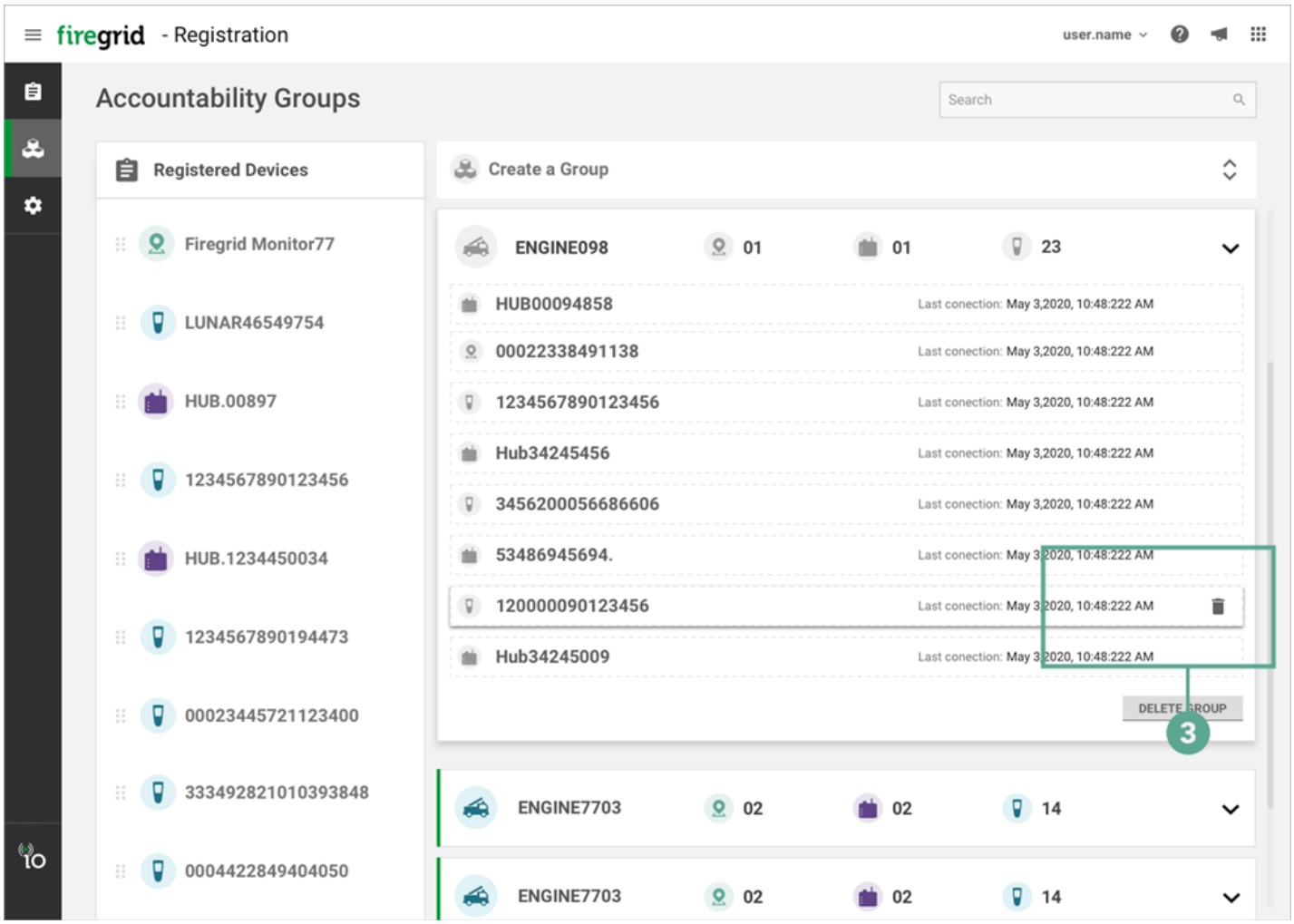
1. Click the **Expand** icon for the desired group to reveal a detailed list of its devices.



2. To add a device to the group, click and drag a registered device into the group's list of devices.



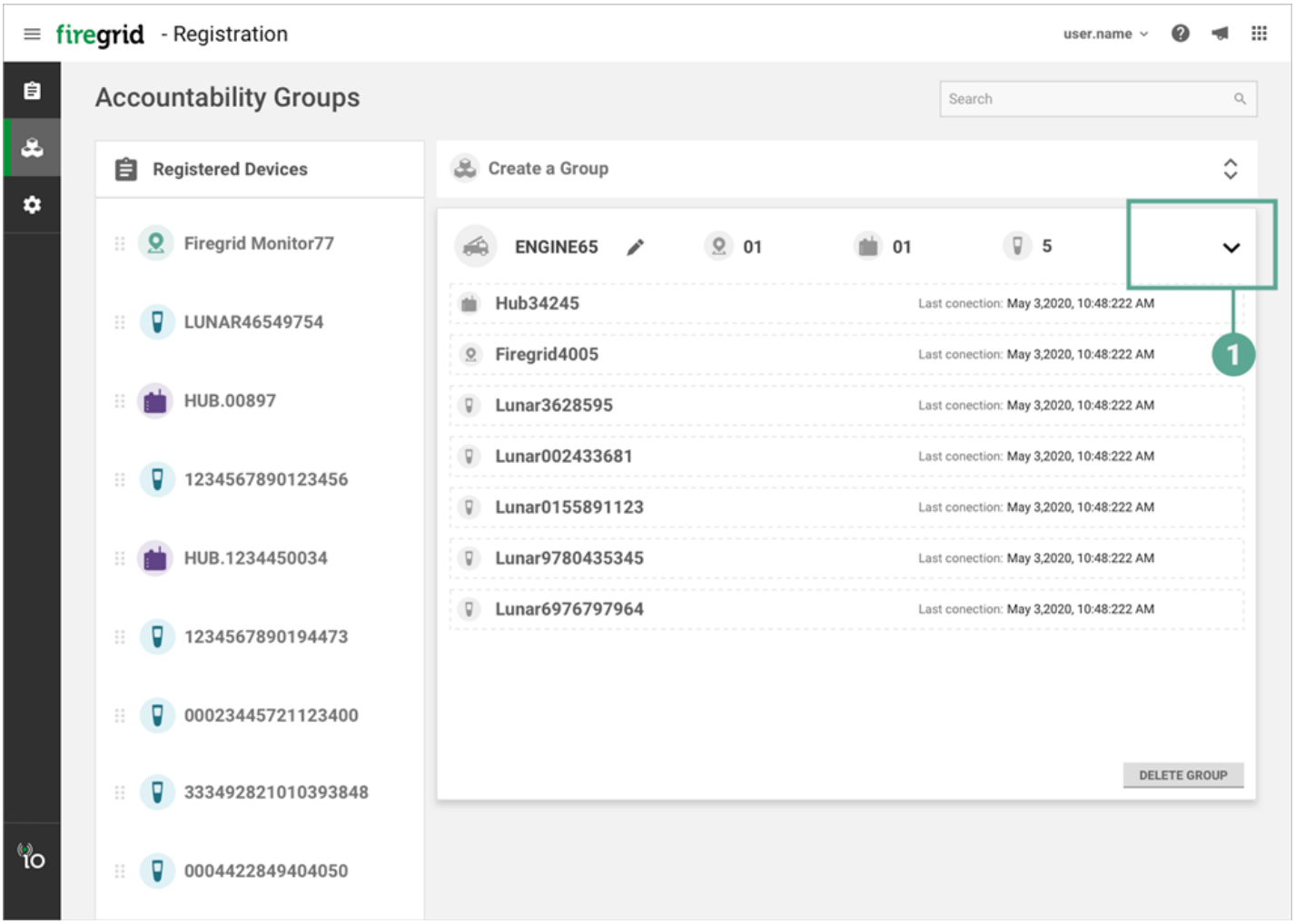
3. To remove a device from the group, click and drag the device from the group's list into the Registered Devices list.



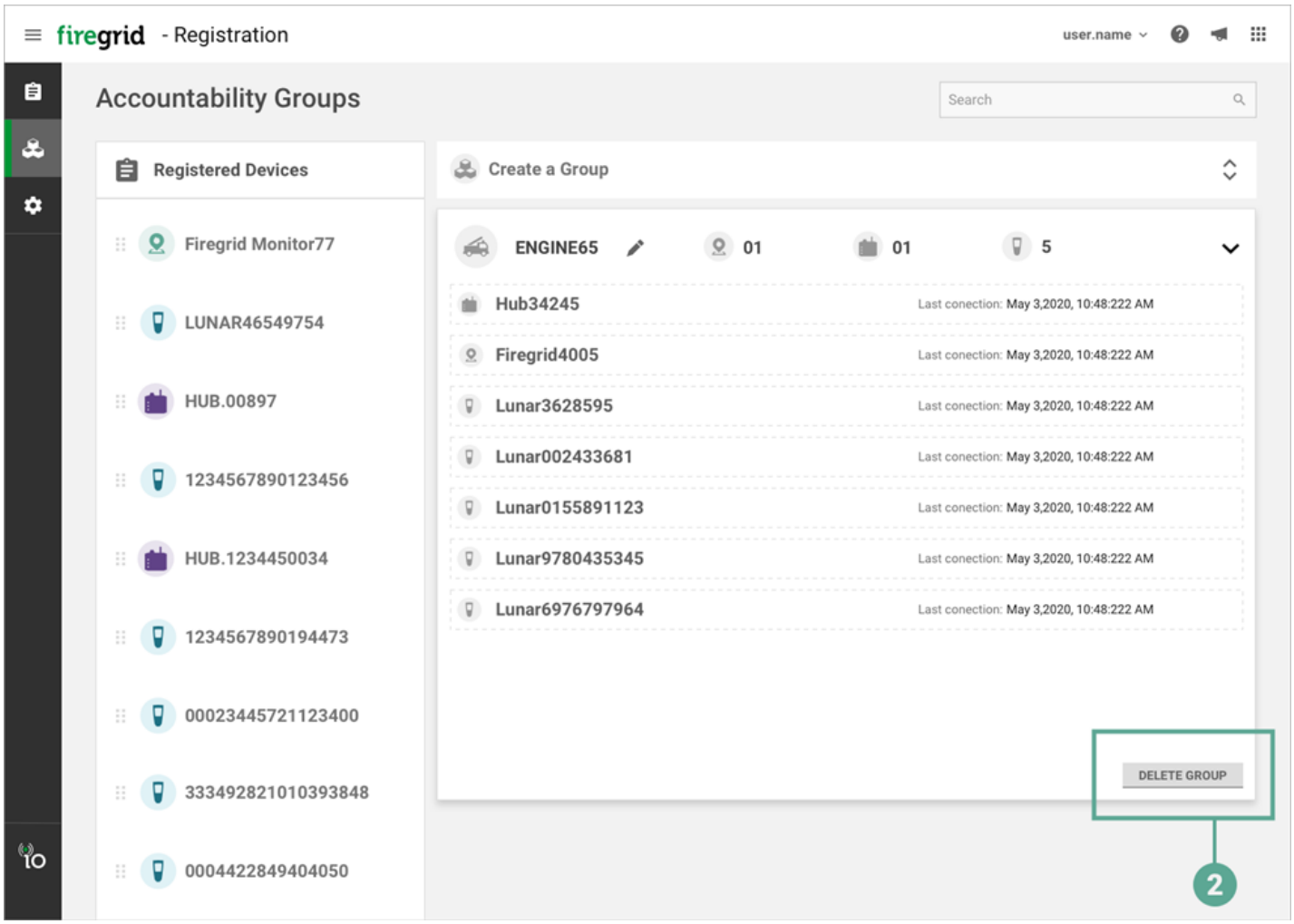
2.5.3 Deleting Accountability Groups

Existing groups must be inactive (no devices online/connected) to be deleted.

1. Click the **Expand** icon for the desired group to reveal a detailed list of its devices.



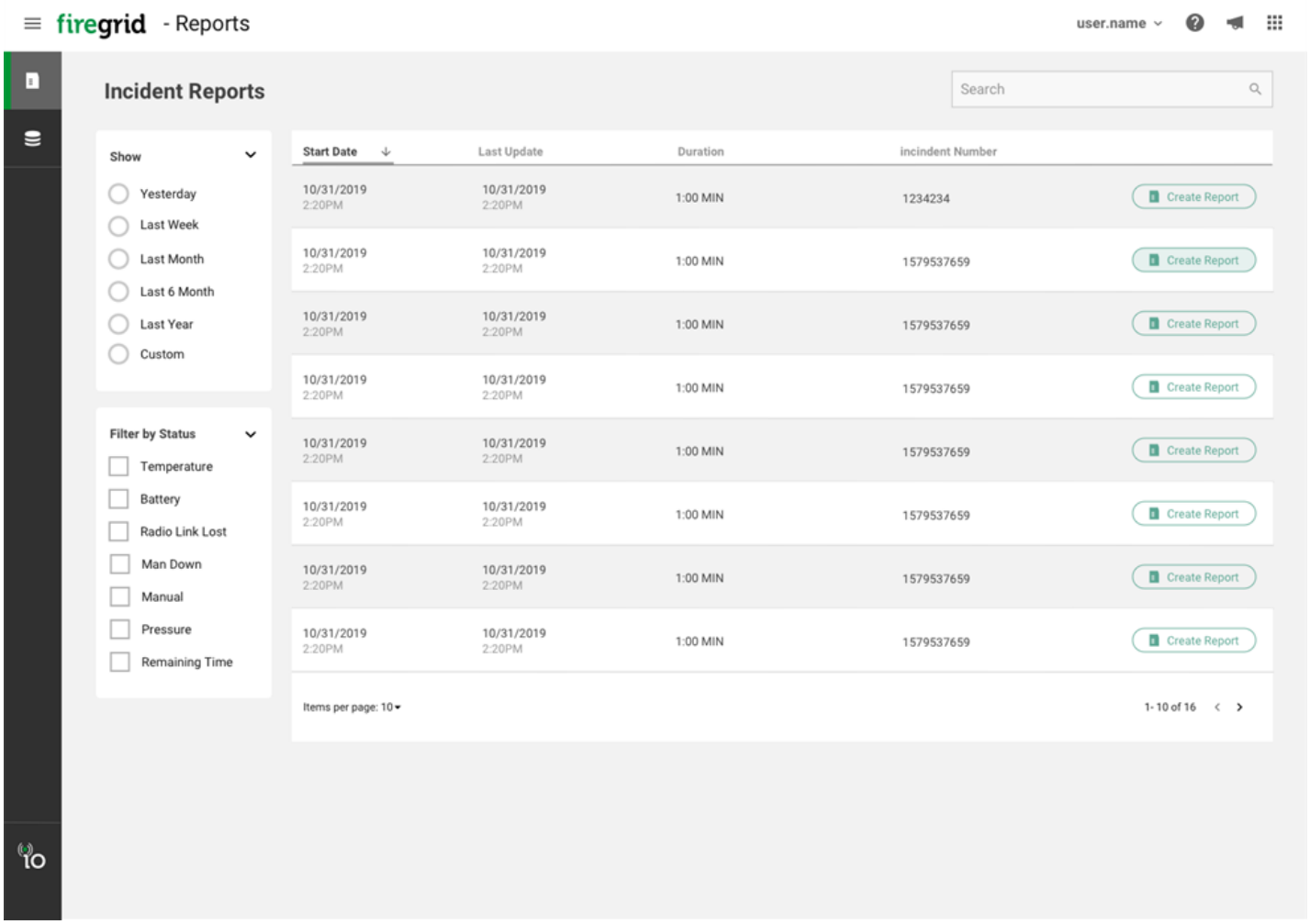
2. Click **Delete Group**.



2.6 Reports

Each reported incident is listed on the **Reports** page. Incidents can be filtered by date or alarm type, and reports can be created for each incident.

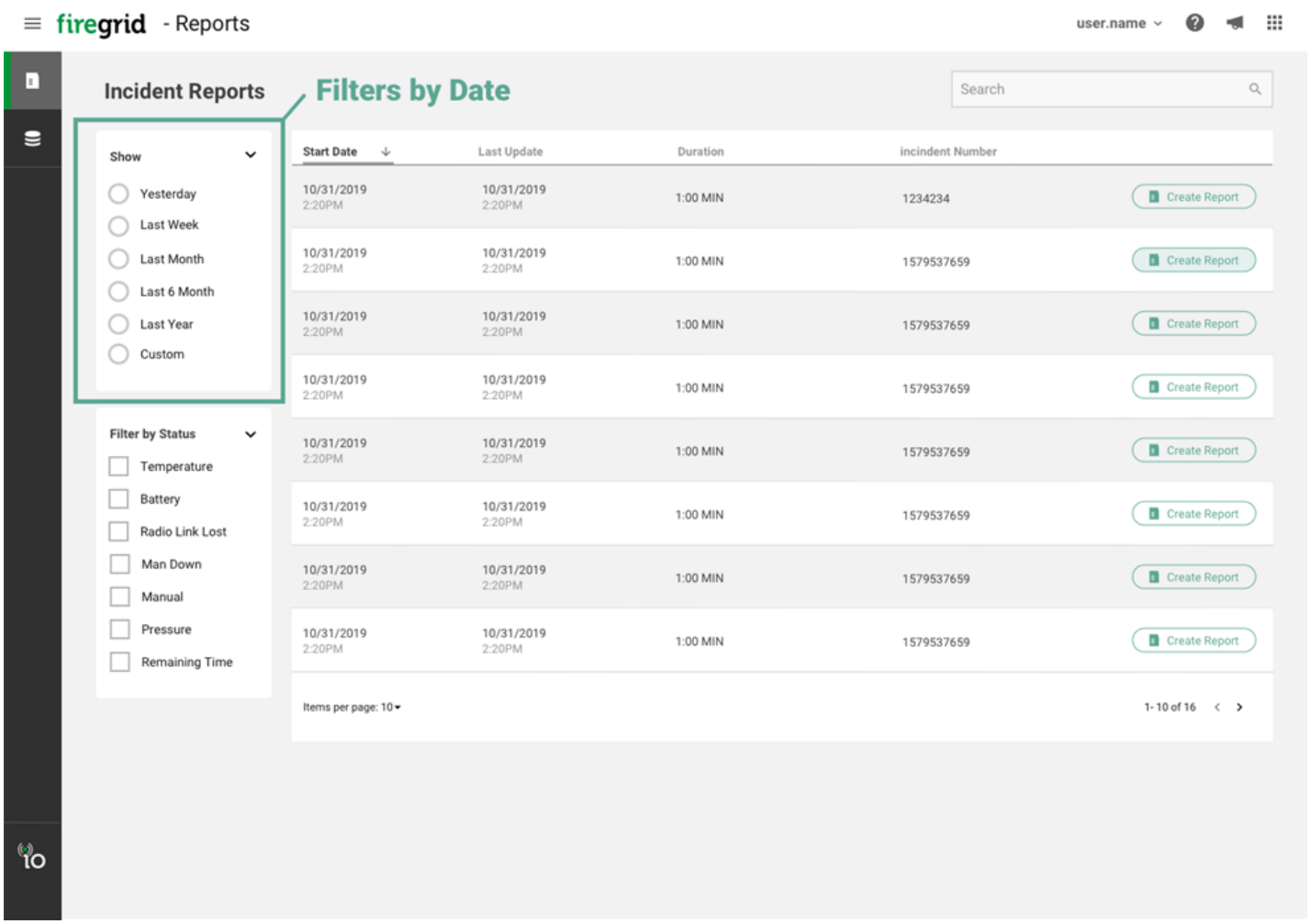
Log into FireGrid and select **Reports**.



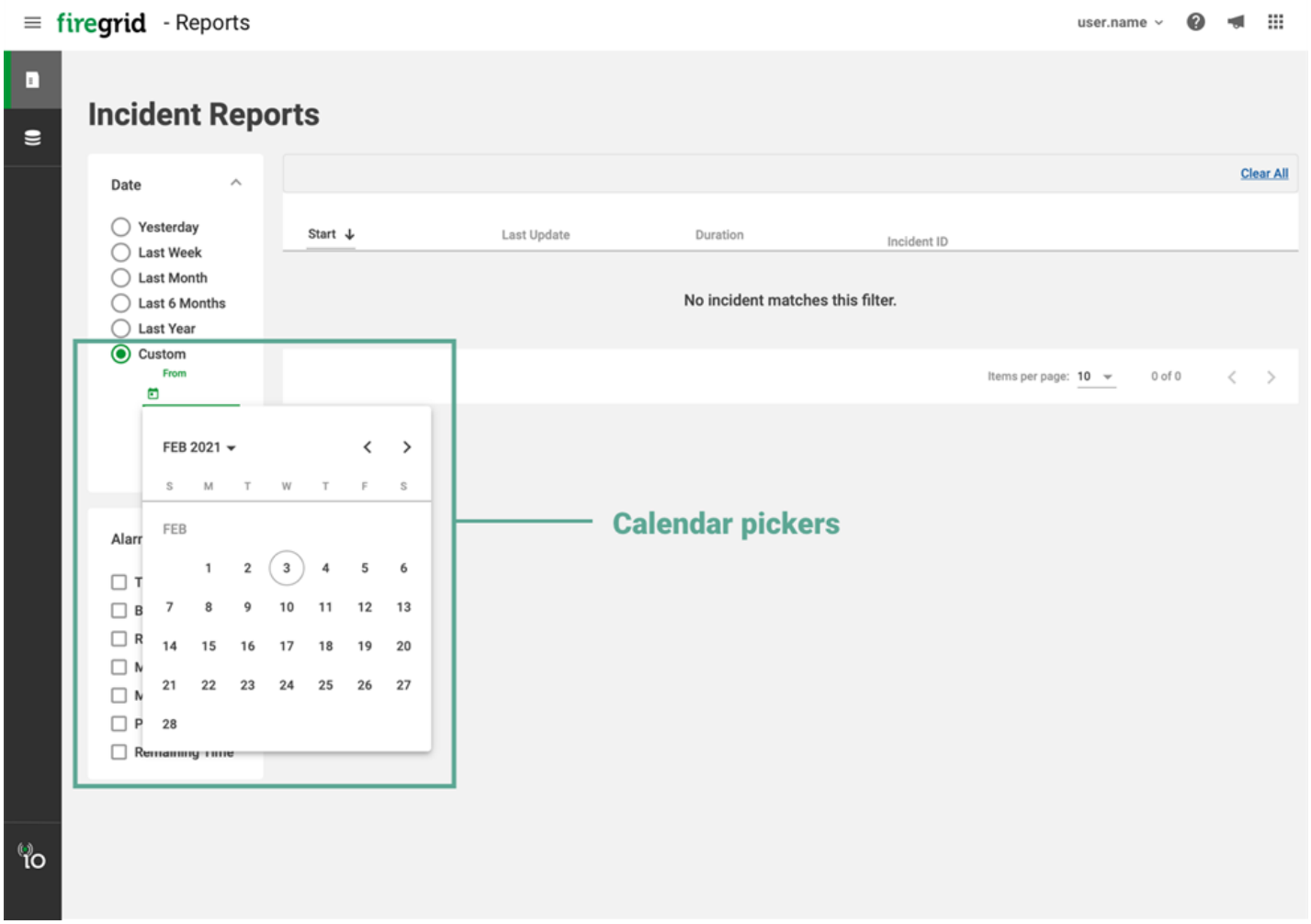
2.6.1 Filtering Incident Reports

Filtering Incidents by Time

In the **Date** window, select a period of time on which to filter. Only incidents occurring during that time period appear in the list.

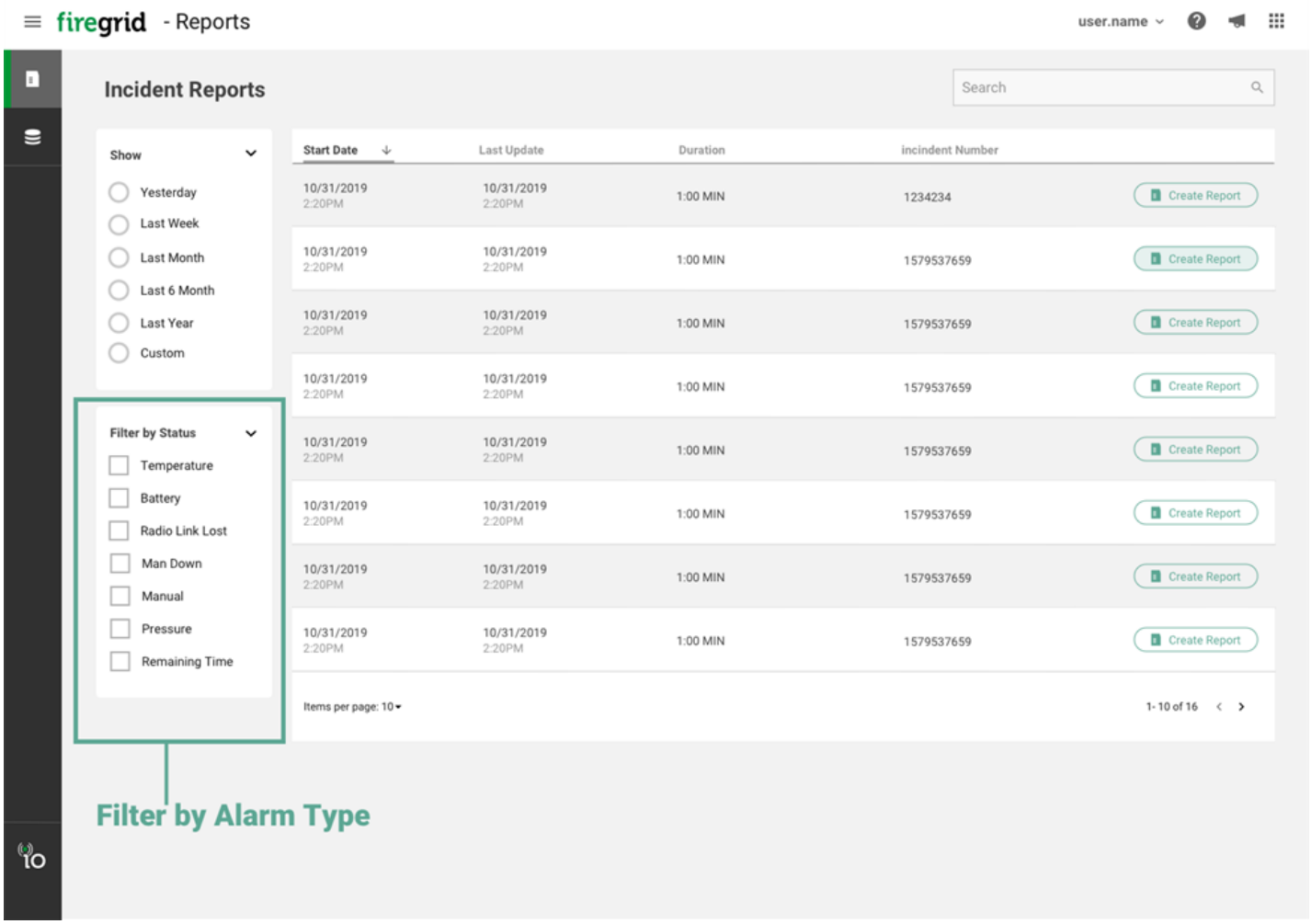


To create a custom filter, select **Custom** and use the calendar pickers to select a specific date on which to start and end the filter.



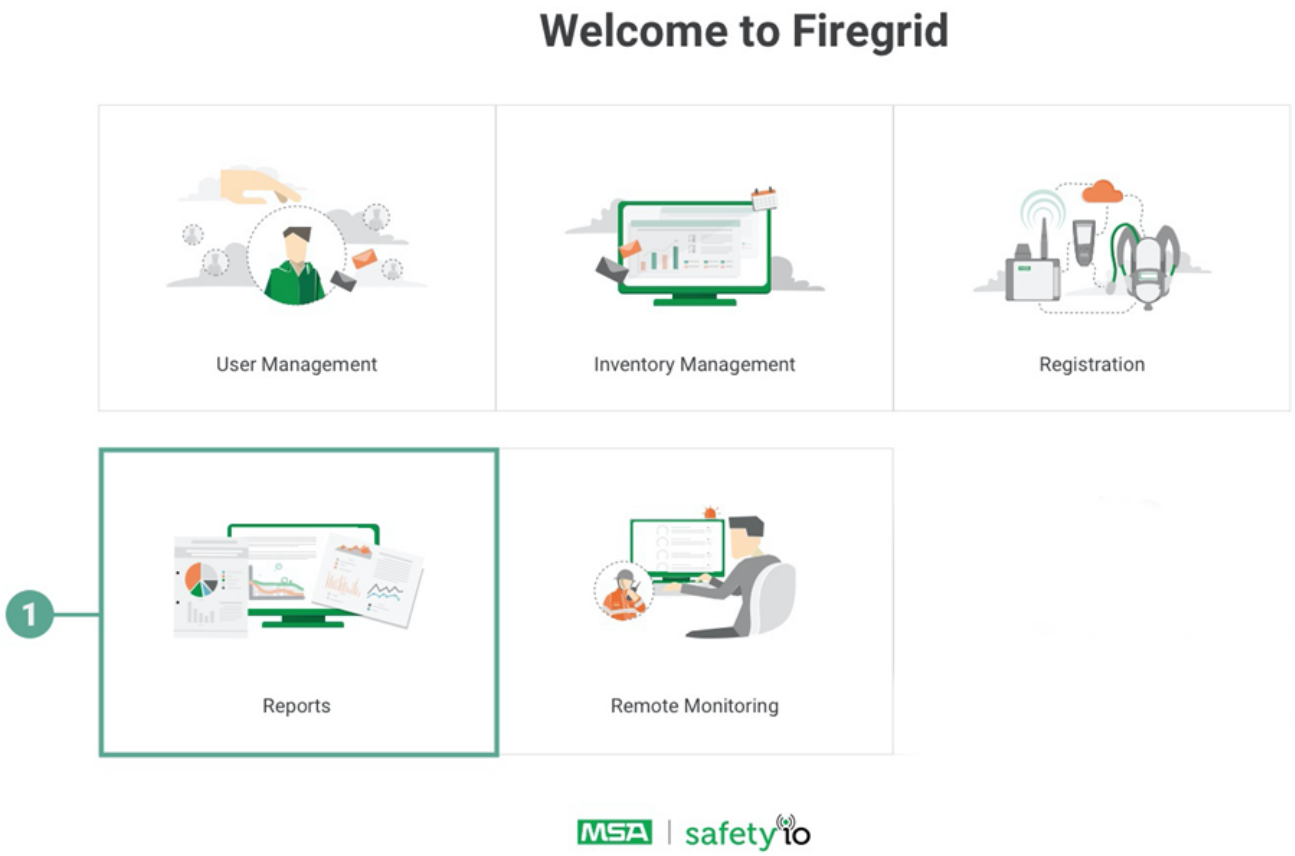
Filtering Incidents by Alarm Type

In the **Alarms** window, select an alarm type on which to filter. Only incidents containing the selected alarm type appear in the list.

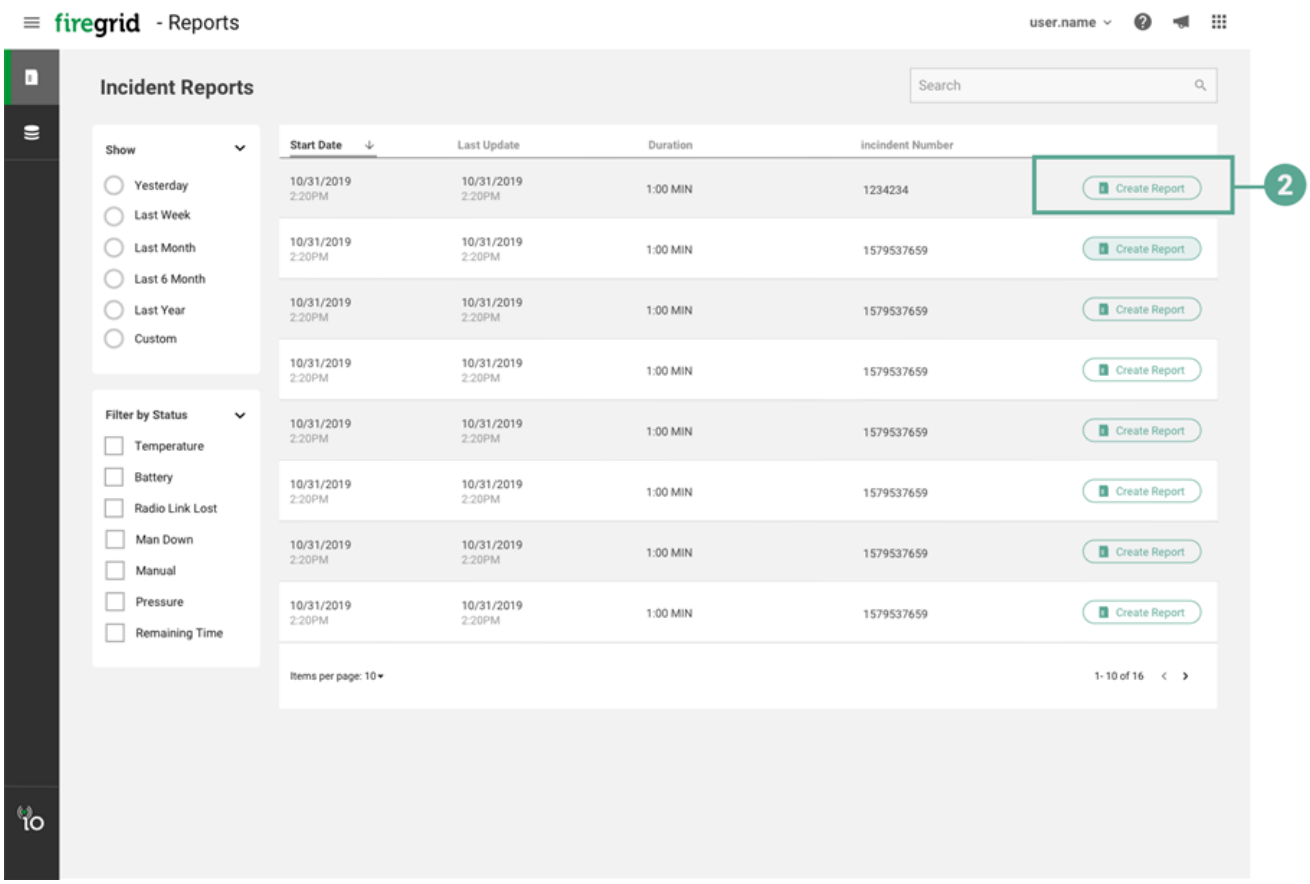


2.6.2 Creating an Incident Report

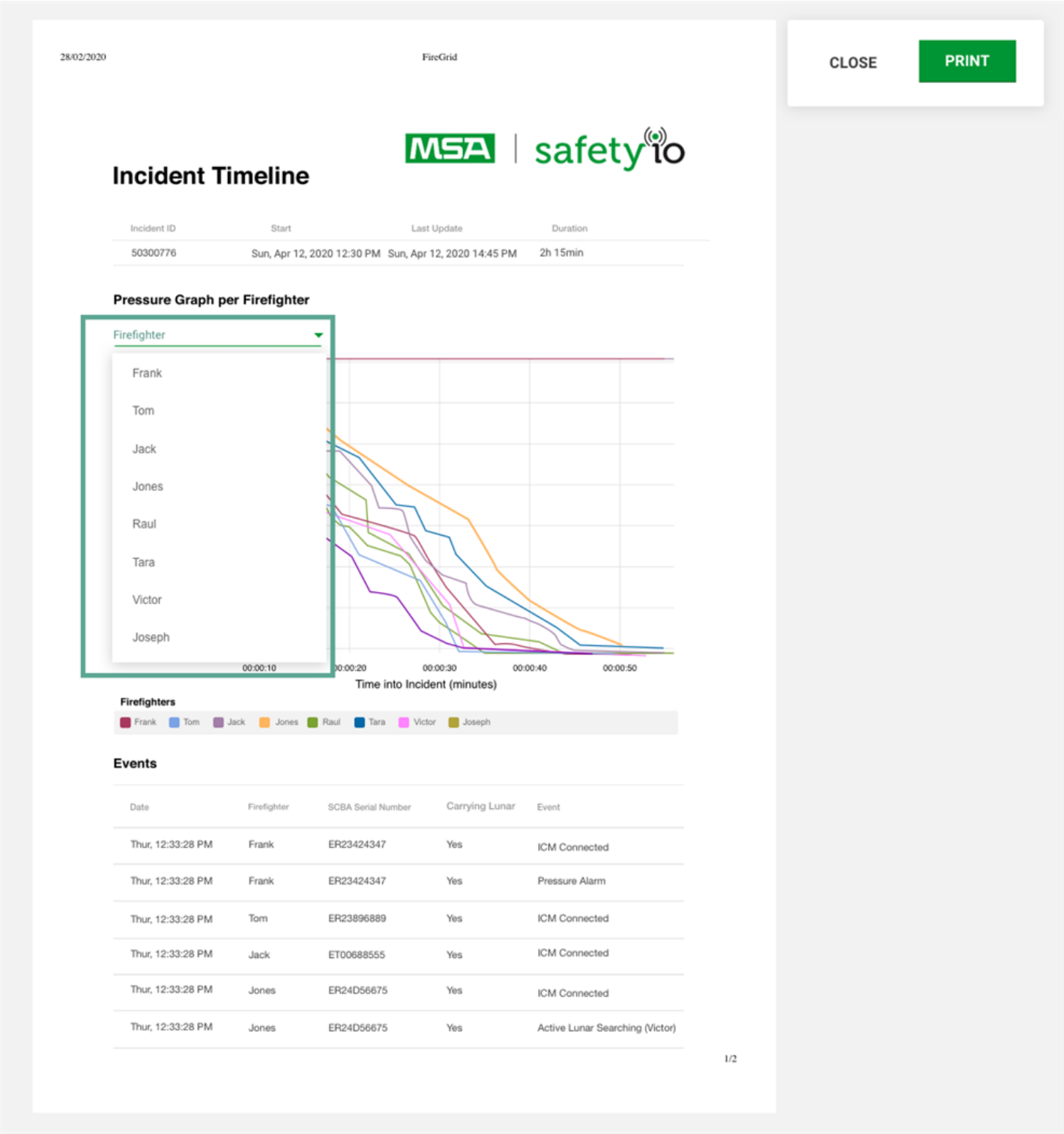
1. Click **Reports** on the FireGrid landing page.



2. Click **Create Report** in the row of the incident.



To view information for an individual firefighter in the report, select a name from the **Firefighter**drop-down list.

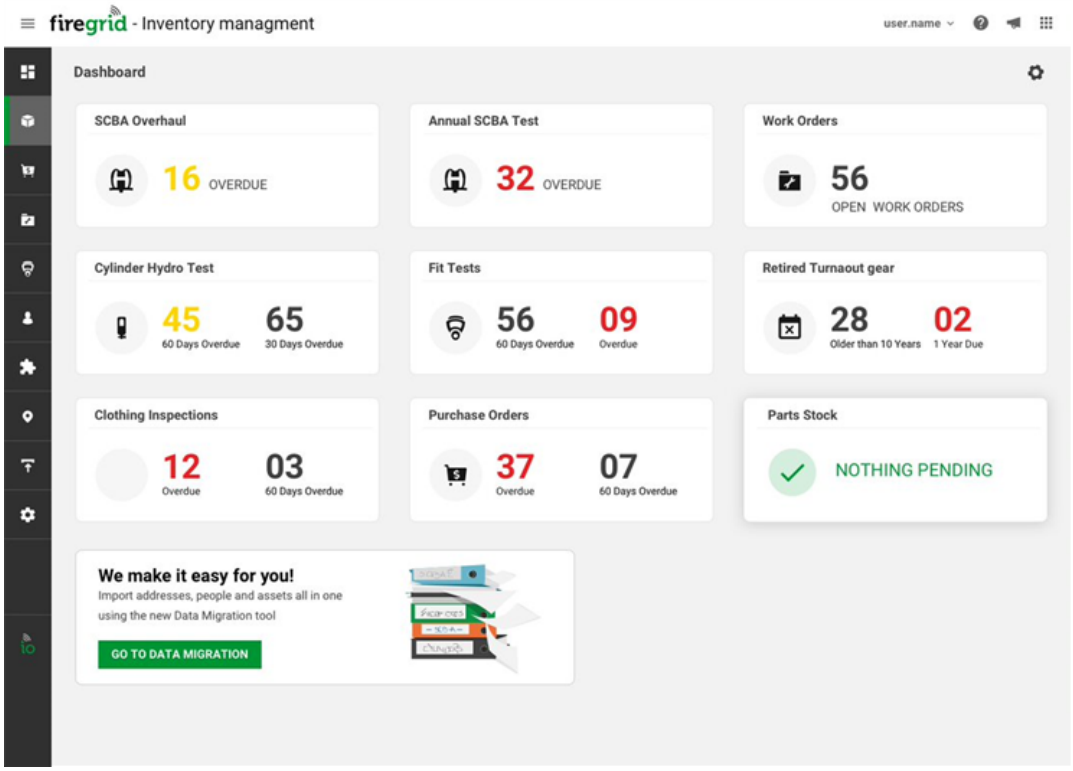


To print a copy of the report, click the **Print** button.

2.7 FireGrid Inventory

In **FireGrid Inventory**, you can manage all assets, work orders, purchase orders, tests, people, parts, and other details for your company account.

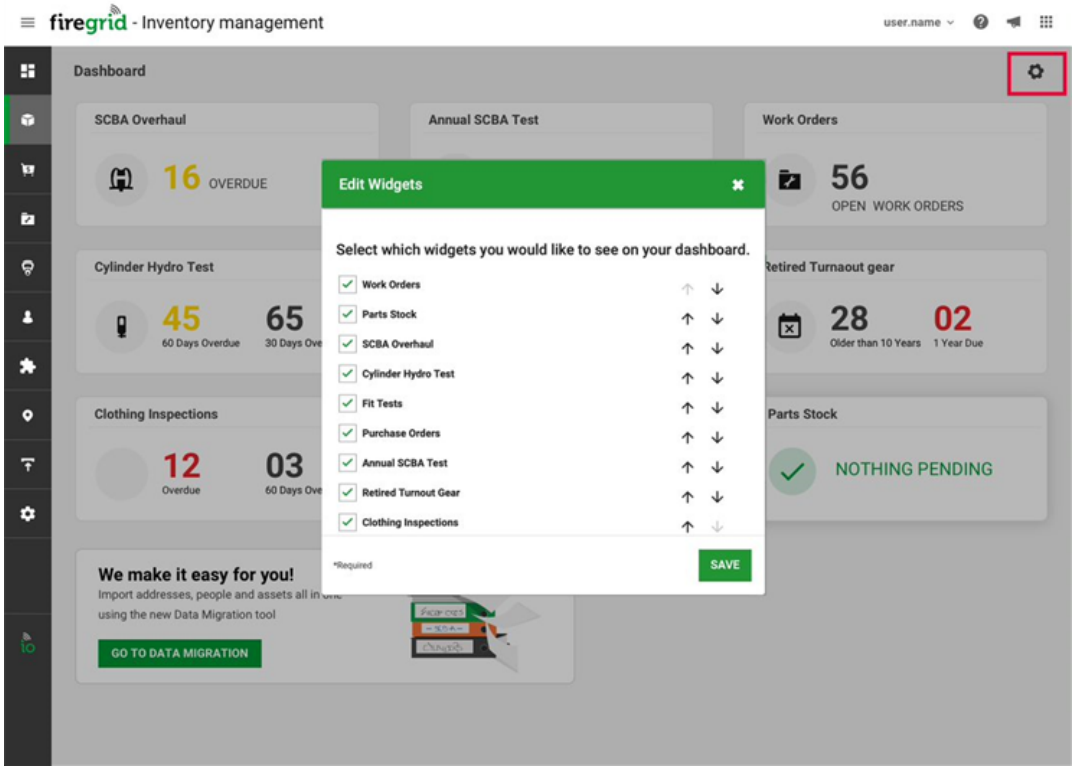
Log into FireGrid and select **FireGrid Inventory**. The Dashboard displays.



Customizing the Dashboard

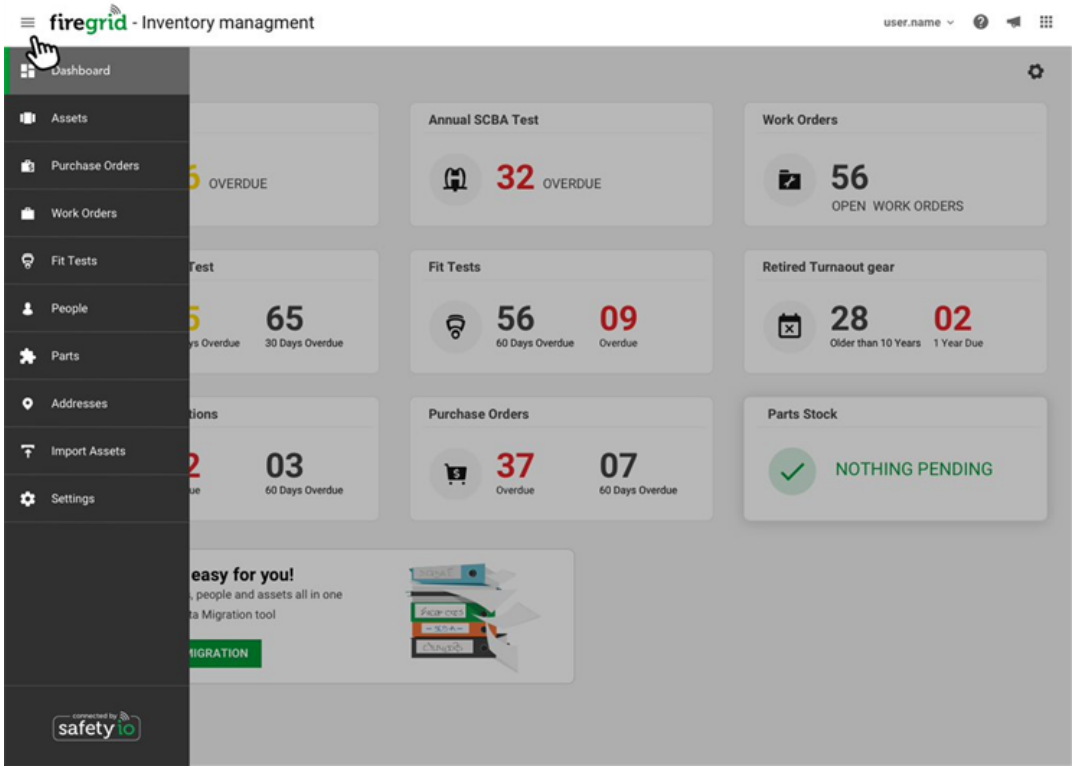
To manage the widgets displayed on the Dashboard:

1. Click the **Edit Widgets** icon.
2. Select the widgets to display.
3. Use the arrows to determine the order in which the widgets are displayed.
4. Click **Save**.



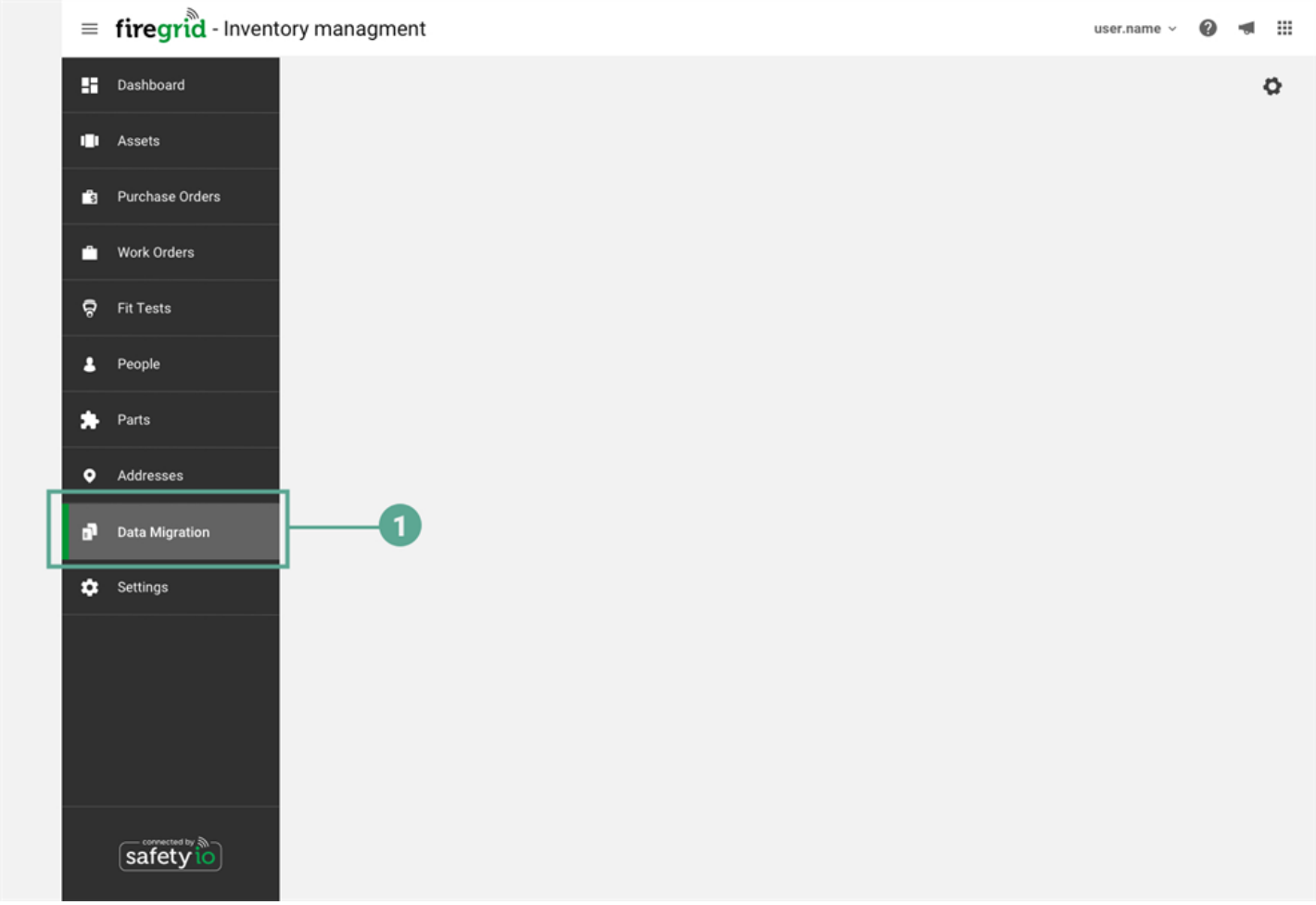
Accessing the Main Menu

Click the main menu icon.

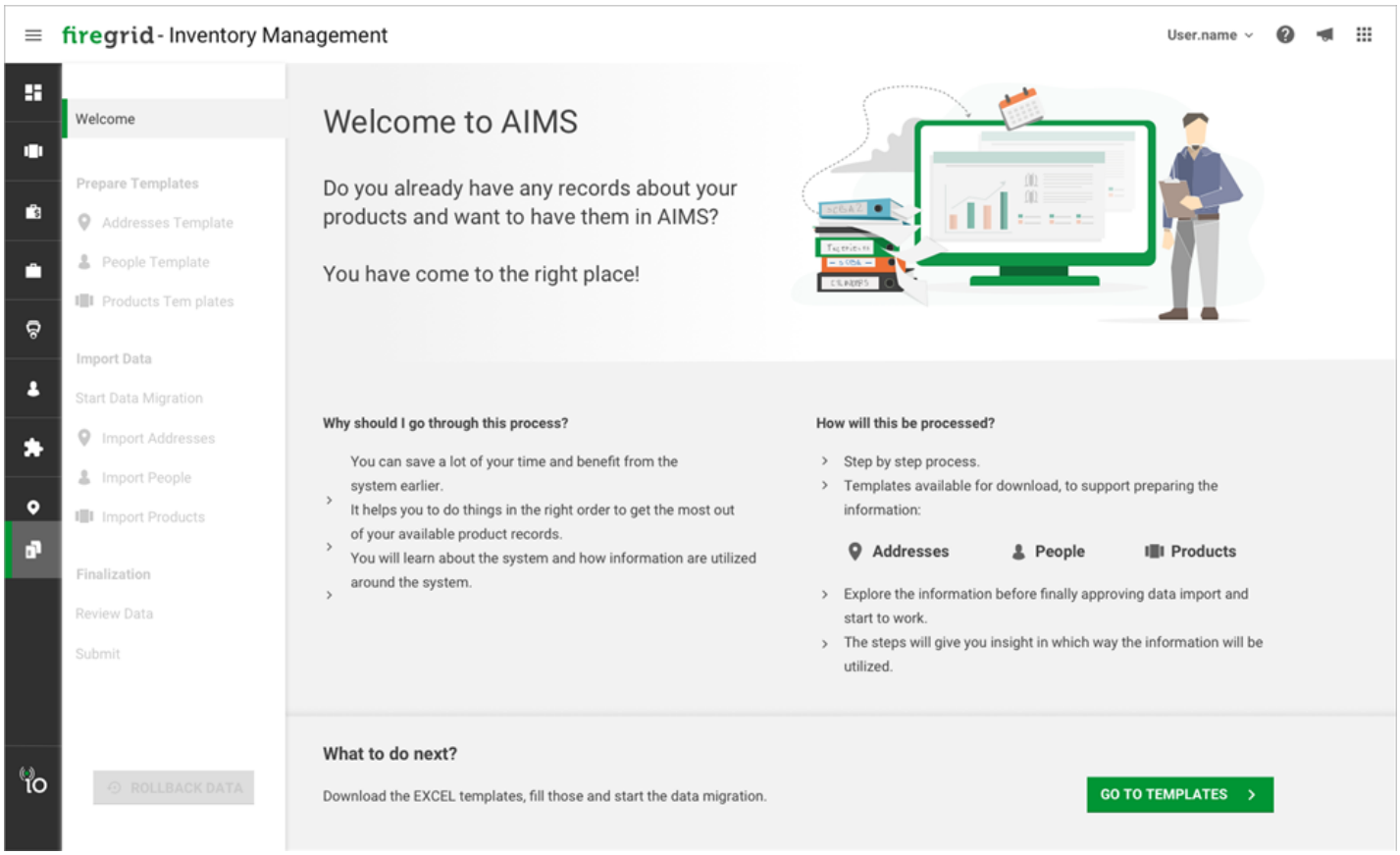


2.7.1 Migrating Data to FireGrid Inventory

1. To open the Data Migration page, select **Data Migration** from the main menu.



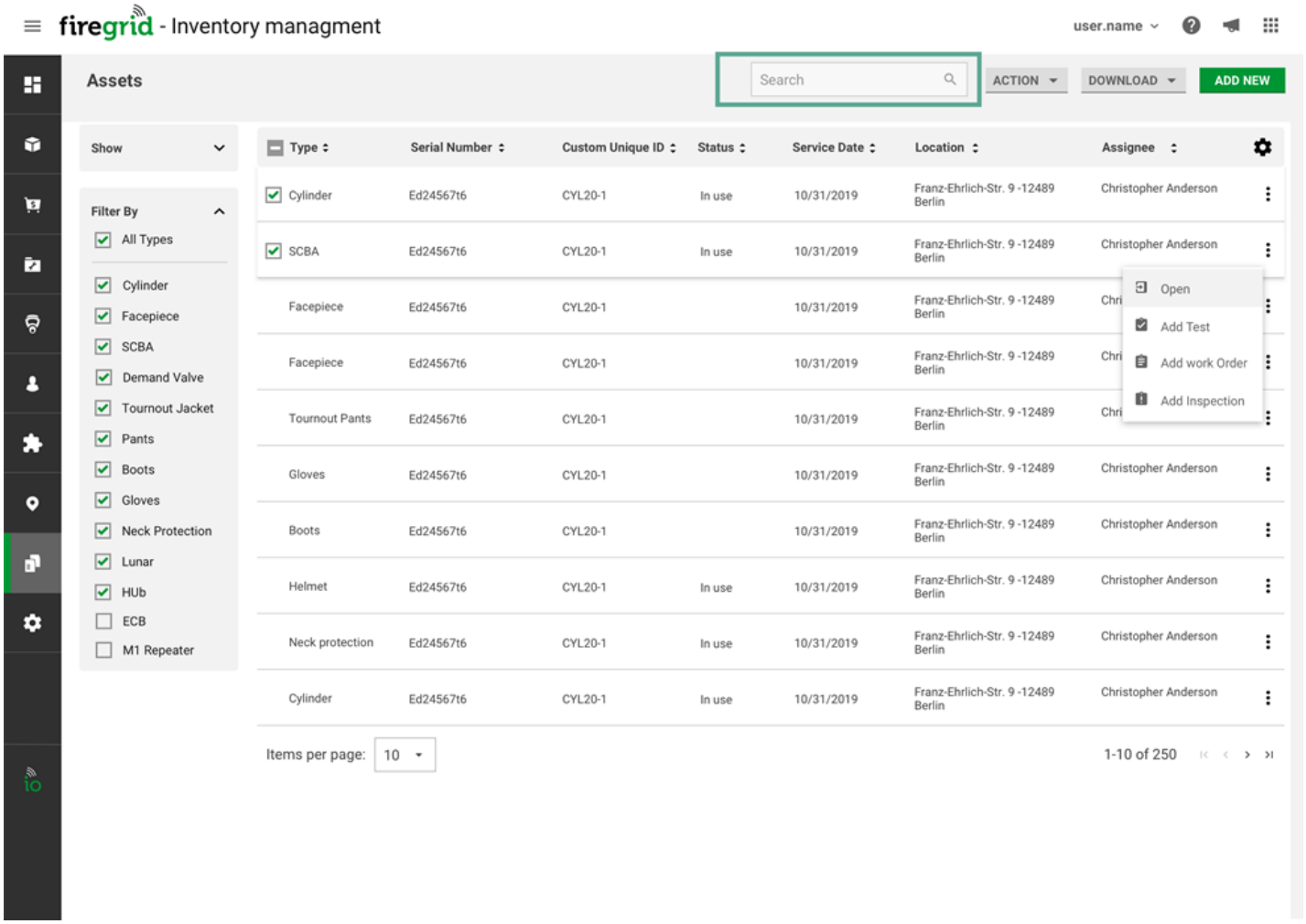
2. Follow the steps on the **Data Migration** page to walk through the data migration process.



2.7.2 Searching FireGrid Inventory

A **Search** box or area appears at the top of the main pages within FireGrid Inventory. Search for assets, purchase orders, work orders, fit tests, people, parts, or addresses.

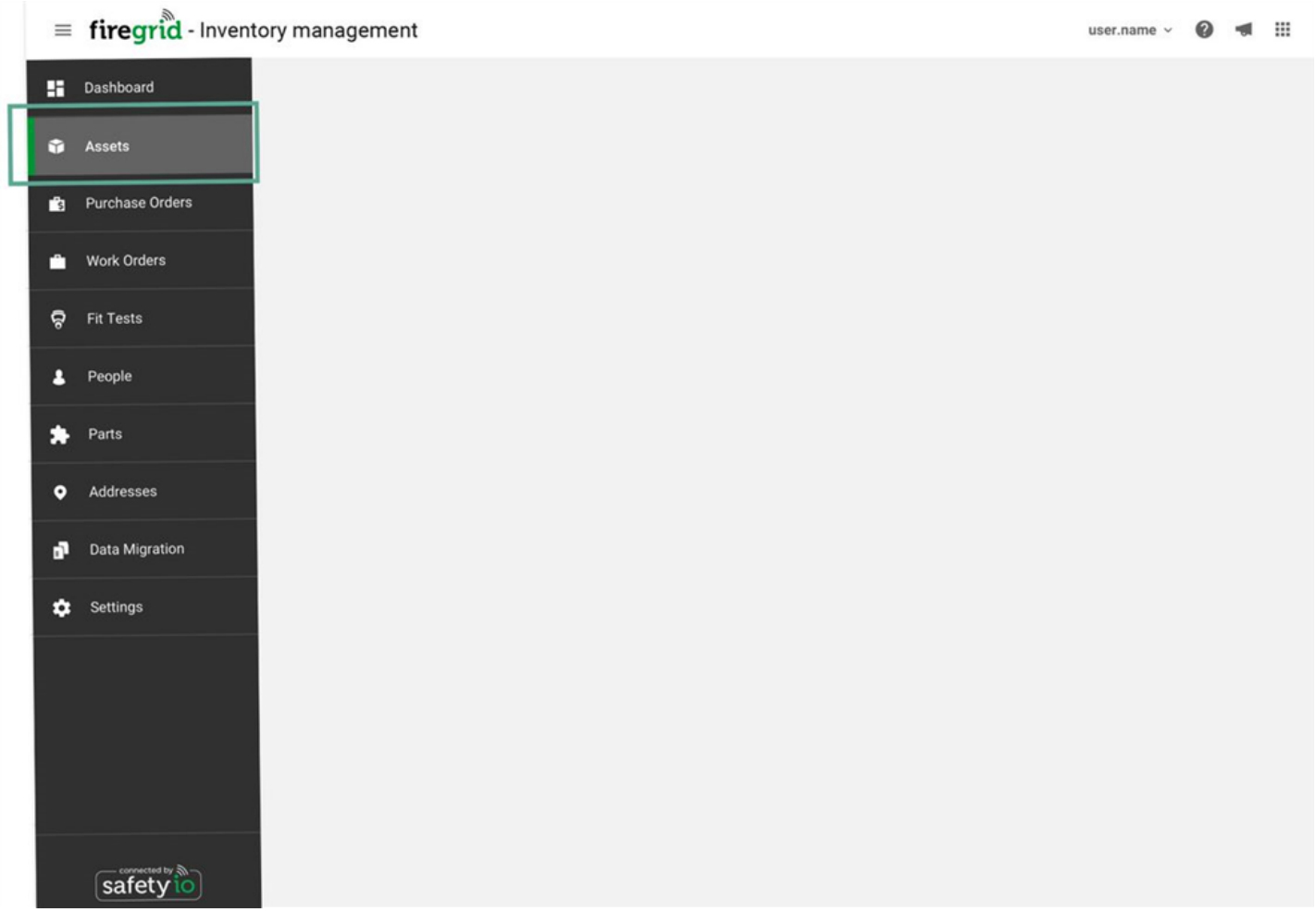
To search for a person or another item listed above, enter the applicable name or number in the **Search** area at the top of the corresponding page.

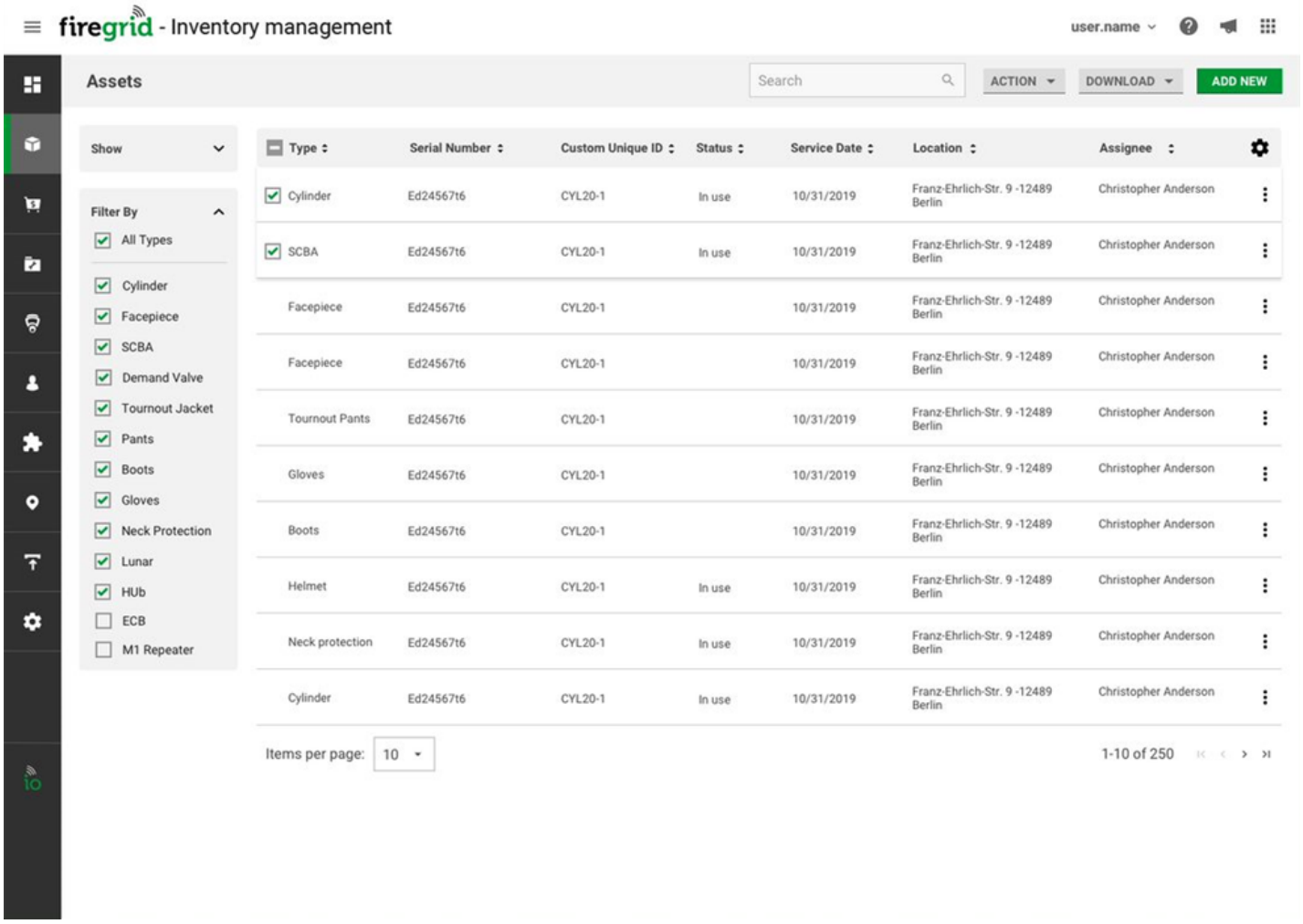


2.7.3 Assets

Each asset is listed on the **Assets** page. The asset list can be filtered by type or status, edited in bulk, or downloaded to a .pdf or .csv file for sharing with external stakeholders. Individual asset details can also be viewed or edited, and new assets can be added to the list.

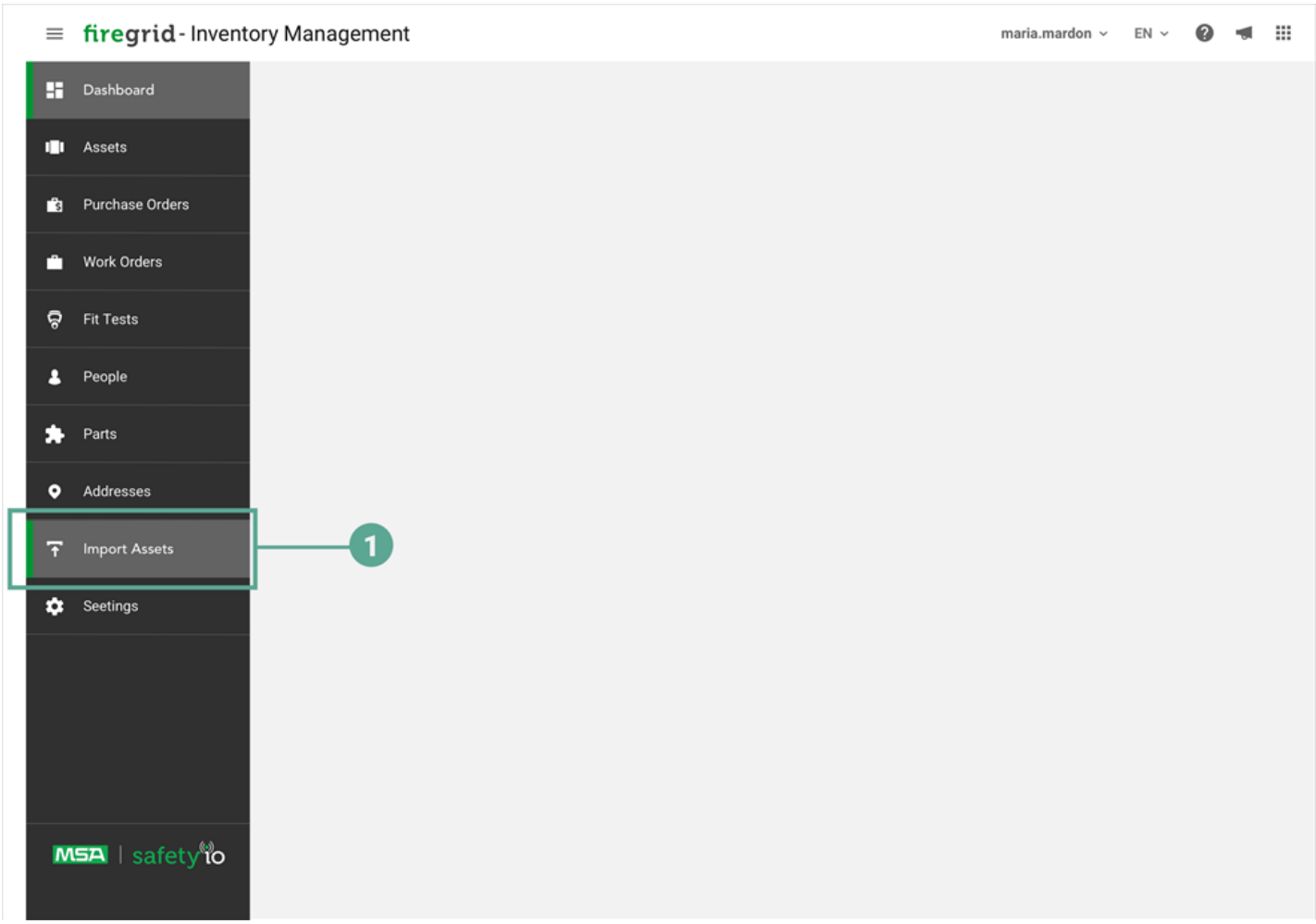
To open the **Assets** page, select **Assets** from the main menu.



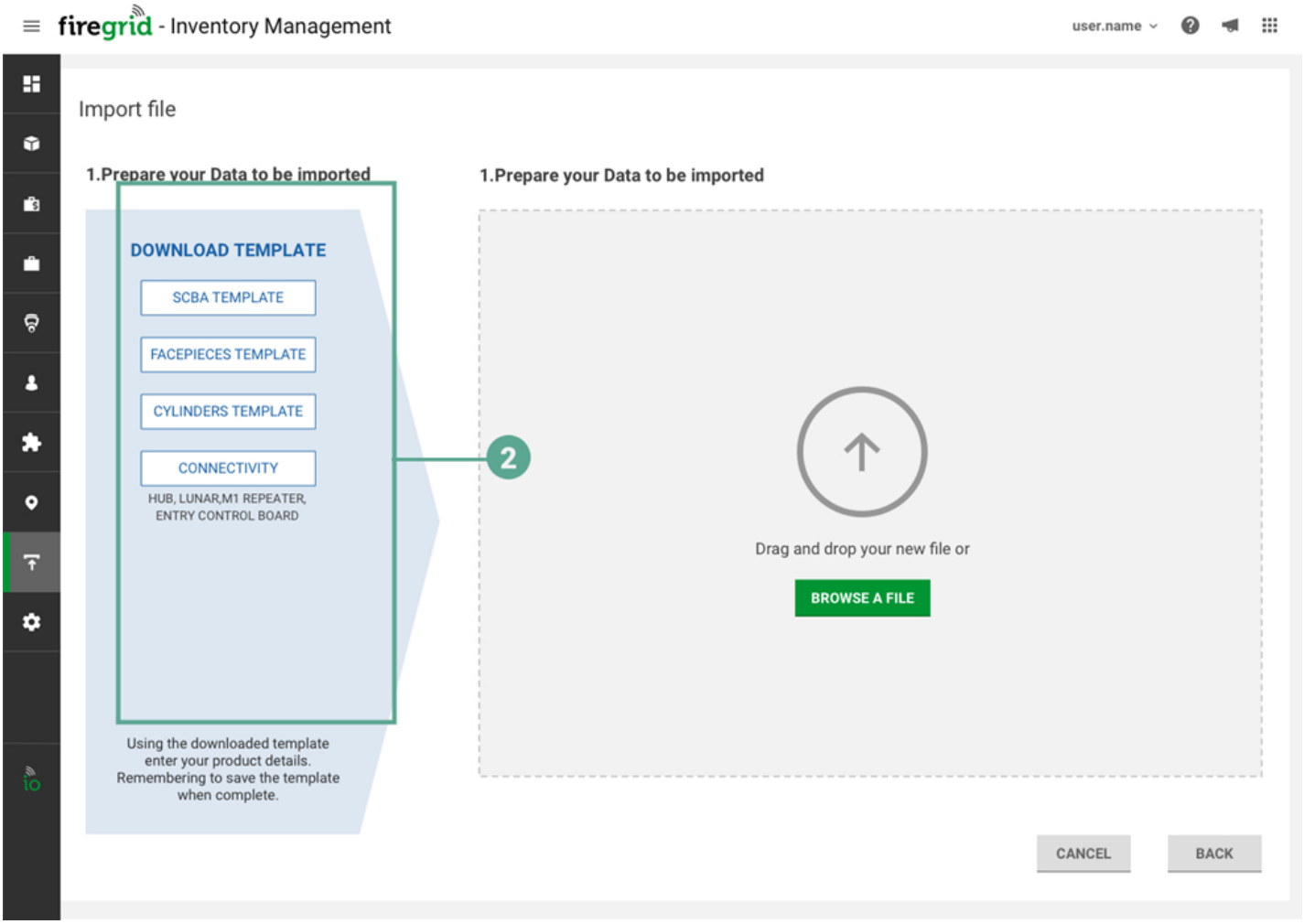

firegrid - Inventory management
user.name
Assets
Search
ACTION
DOWNLOAD
ADD NEW
Show
Filter By
All Types
Cylinder
Facepiece
SCBA
Demand Valve
Tournout Jacket
Pants
Boots
Gloves
Neck Protection
Lunar
HUb
ECB
M1 Repeater
Type
Serial Number
Custom Unique ID
Status
Service Date
Location
Assignee
Cylinder Ed24567t6 CYL20-1 In use 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
SCBA Ed24567t6 CYL20-1 In use 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Facepiece Ed24567t6 CYL20-1 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Facepiece Ed24567t6 CYL20-1 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Tournout Pants Ed24567t6 CYL20-1 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Gloves Ed24567t6 CYL20-1 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Boots Ed24567t6 CYL20-1 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Helmet Ed24567t6 CYL20-1 In use 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Neck protection Ed24567t6 CYL20-1 In use 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Cylinder Ed24567t6 CYL20-1 In use 10/31/2019 Franz-Ehrlich-Str. 9 -12489 Berlin Christopher Anderson
Items per page: 10
1-10 of 250

Importing Assets

1. Select **Import Assets** from the main menu. This option is available once data migration has been completed.



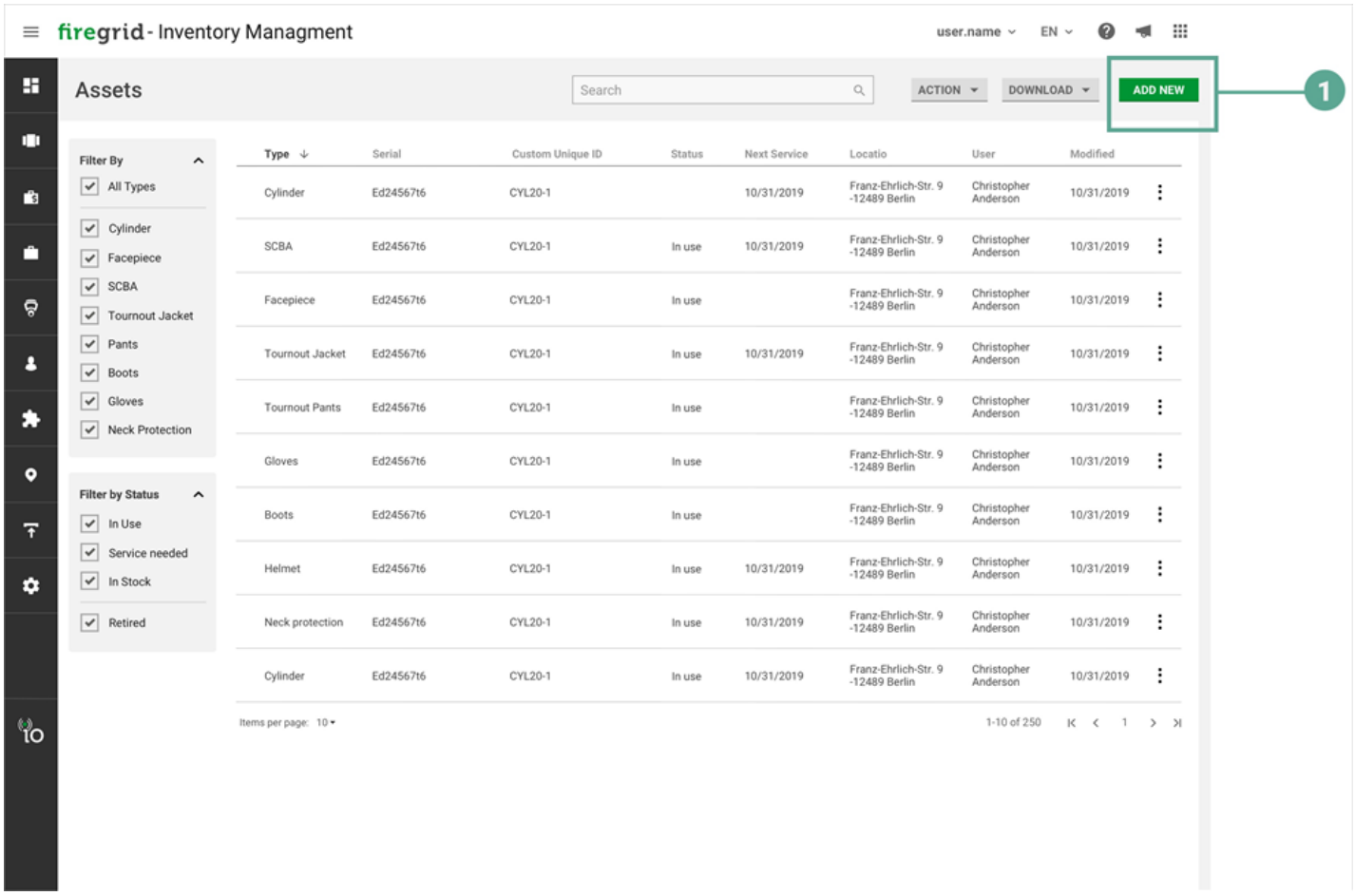
2. Select a Microsoft® Excel® template to download.



3. Enter product details in the template and save.
4. Drag and drop the completed template onto the **Import Assets** page or click the **Browse File** button to locate and select the file.
5. If any errors, such as duplicate entries or empty fields where information is required, are detected, an error overview specifies which fields need to be corrected in the Excel file. Click **List of Errors** to see all errors.
    a. Correct all errors and click **Back**.
    b. Drag and drop the completed template onto the **Import Assets** page or click the **Browse File** button to locate and select the file.
6. Once the template is verified, click **Import**.
7. Click **Import** to confirm. The assets are added to the **Assets** page.

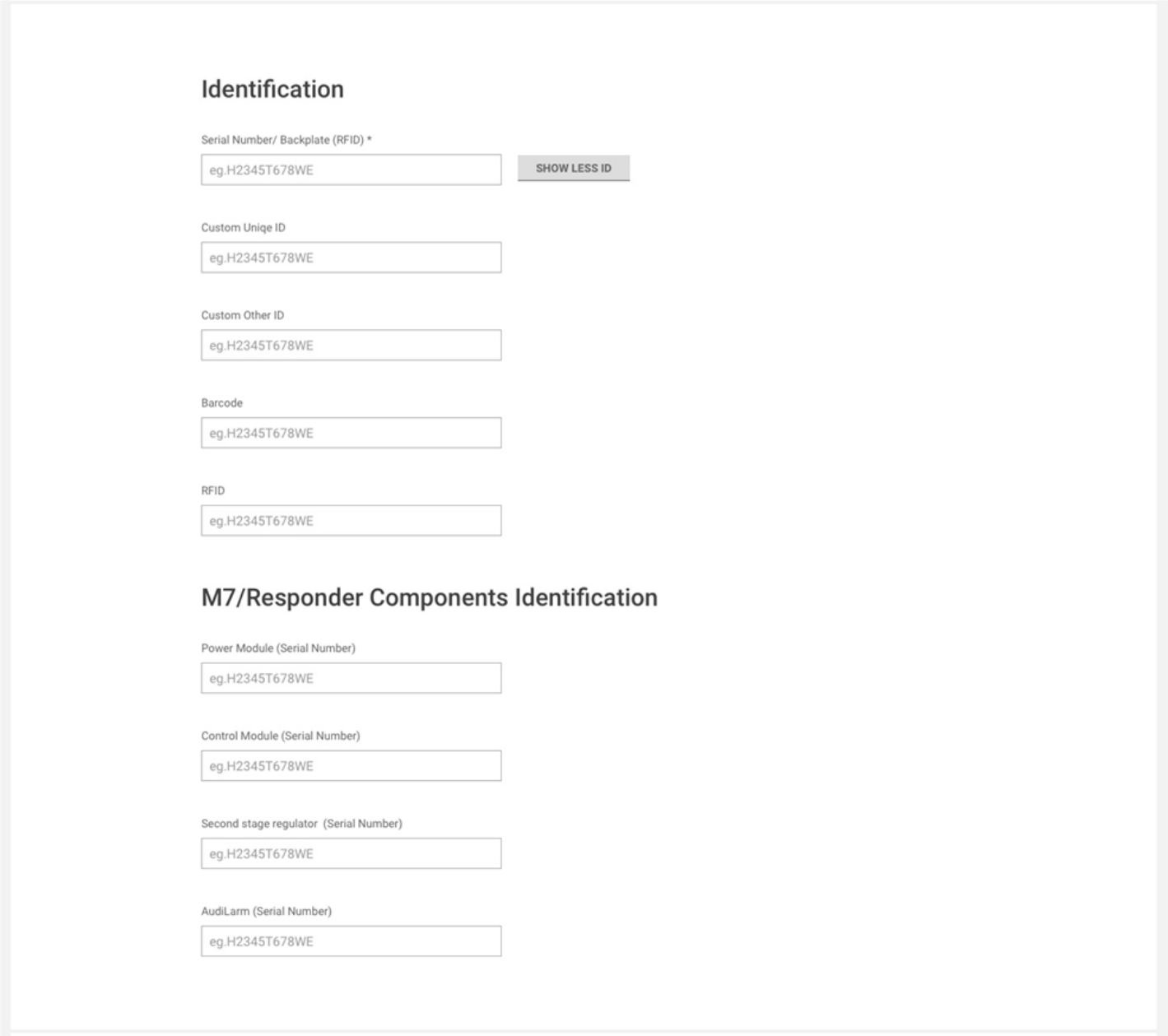
Adding Assets

1. On the **Assets** page, click the **Add New** button.



2. Select an asset category.
3. Select the type of asset.
4. Select a model or click the **Settings** icon to define asset settings, such as clothing models, to appear here. See Settings for more information.
    a. If there are no models available to select or the model needed is not listed, click **Add New Model** or **Add New**.
    b. Select the desired model(s) and click **Save**.
5. Enter information for the asset. To add optional ID information, click the **Add More ID** button.

For some assets, identification information may be added (optional) for their components.



6. Click **Save** to return to the **Assets** page, or click **Save and Add Another** to add another asset.

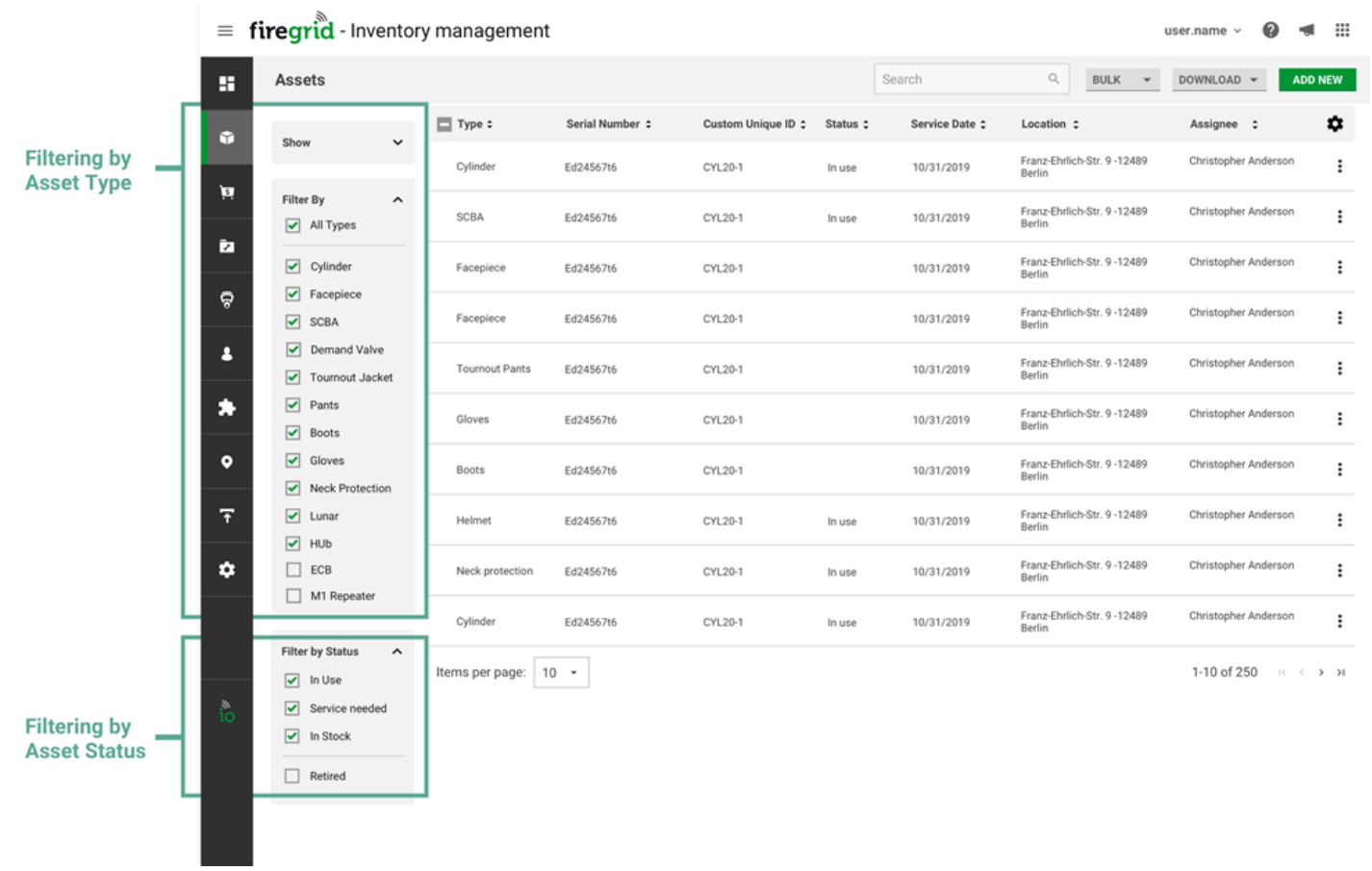
Filtering Assets

Filtering by Asset Type

In the **Filter by** window, select an asset type on which to filter. Only assets of the selected asset type appear in the list.

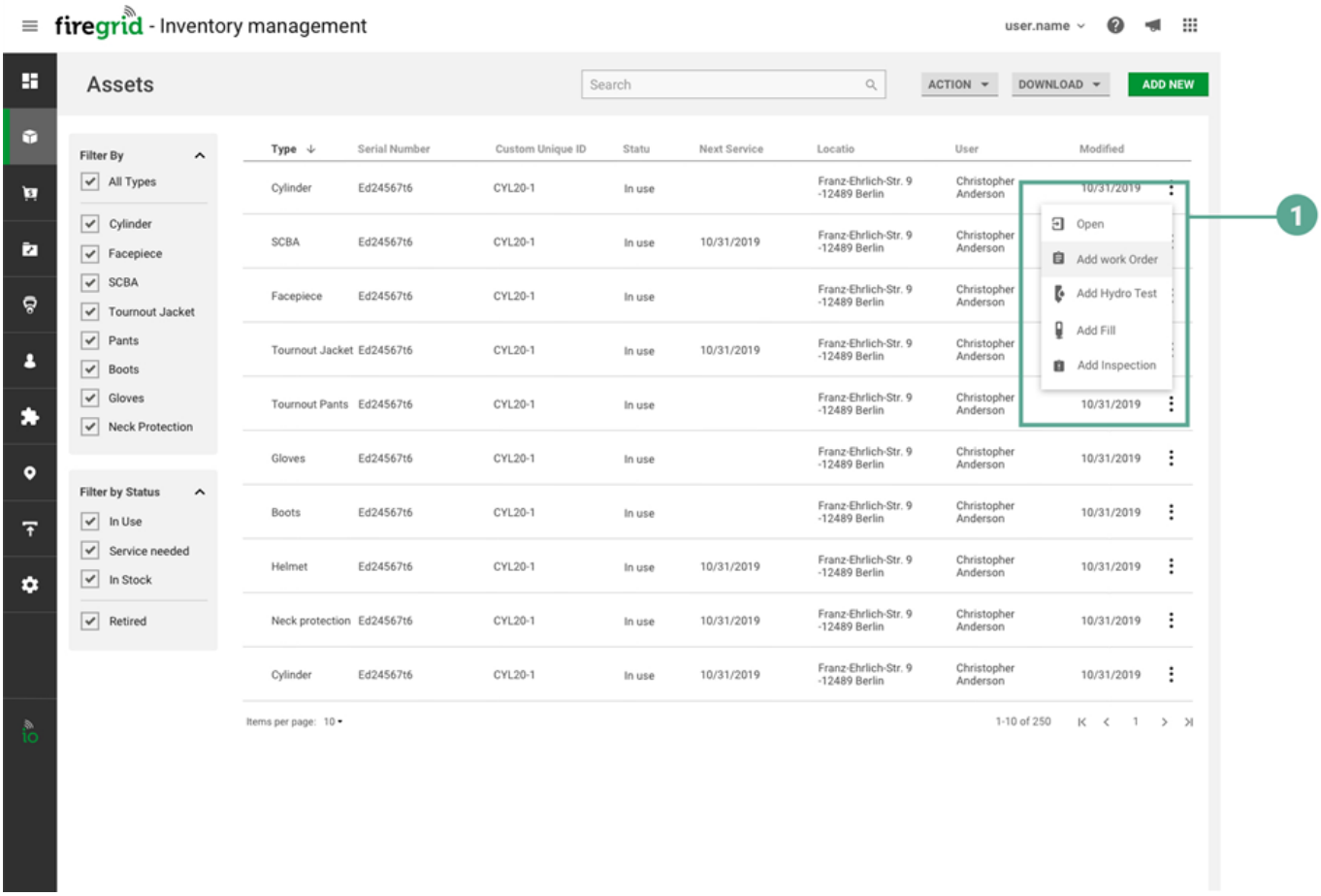
Filtering by Status

In the **Filter by Status** window, select a status on which to filter. Only assets with the selected status appear in the list.

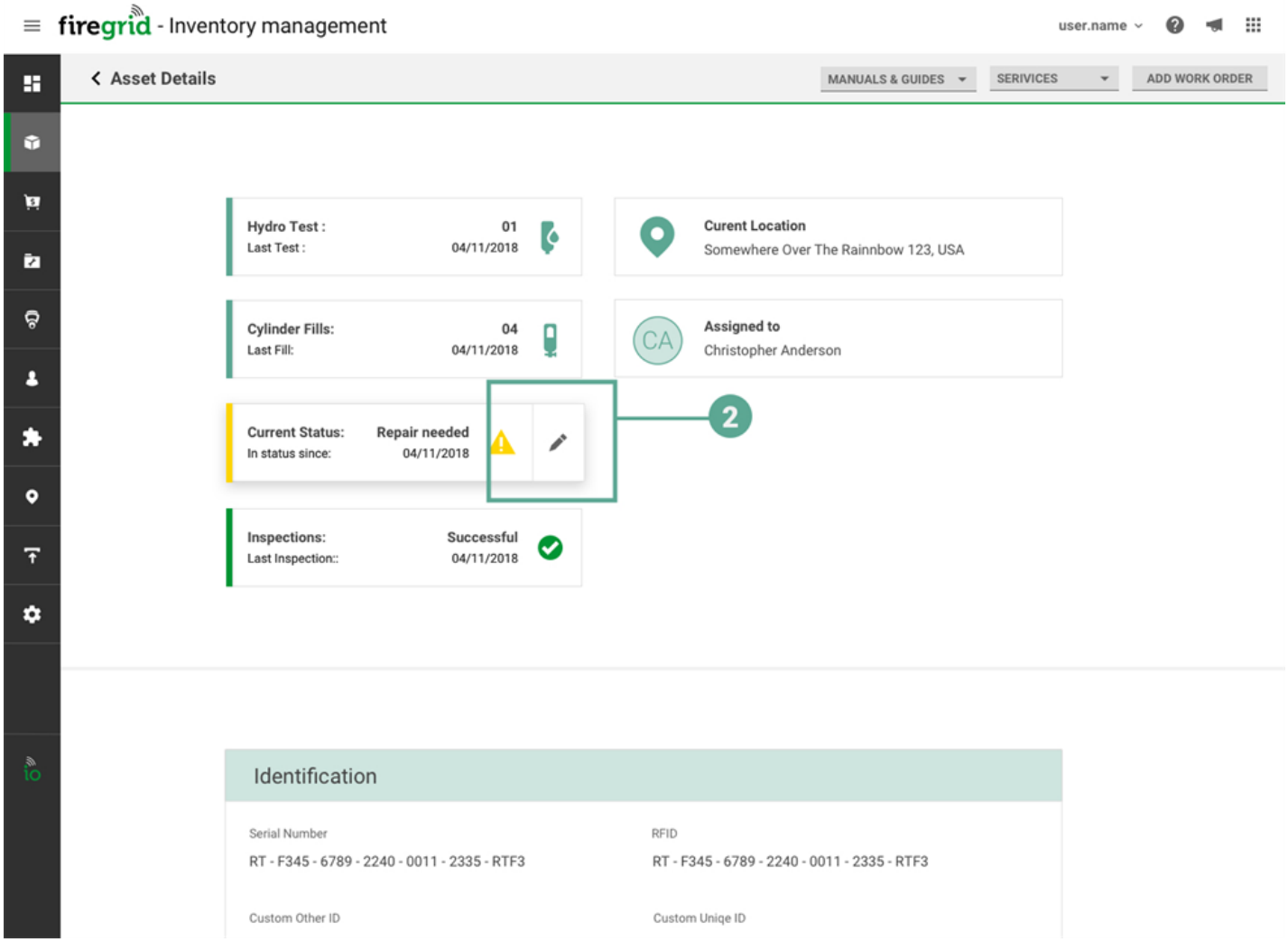


Viewing and Editing Asset Details

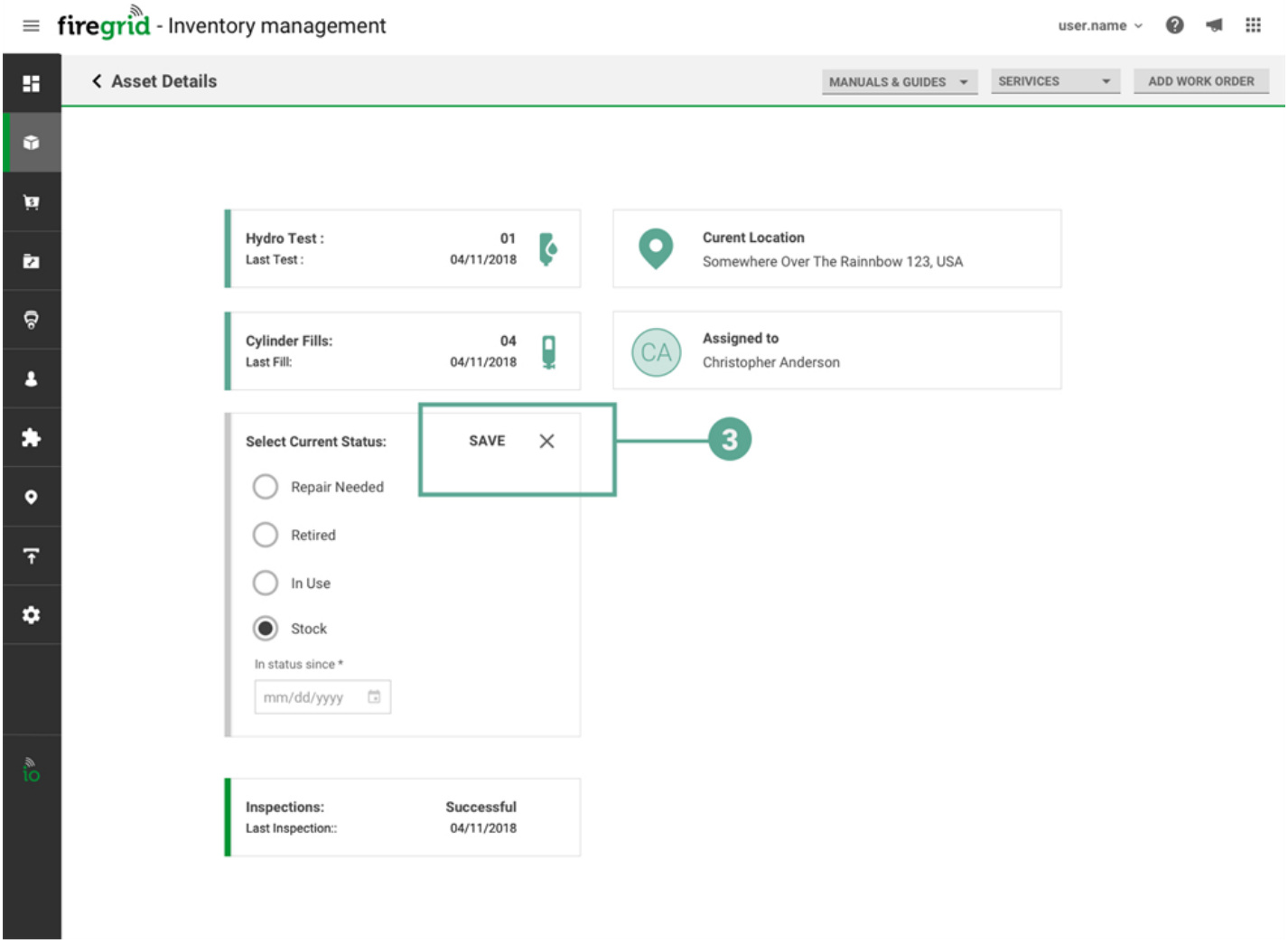
1. Click the vertical ellipsis icon in the asset's row and select **Open**.



2. Click an item or click the **Edit** icon to edit the information on the **Assets - Details** page.



3. Click **Save** to save any changes made to an item.



Adding an Inspection Record

1. Open the **Assets** page or **Assets - Details** page and make a selection:

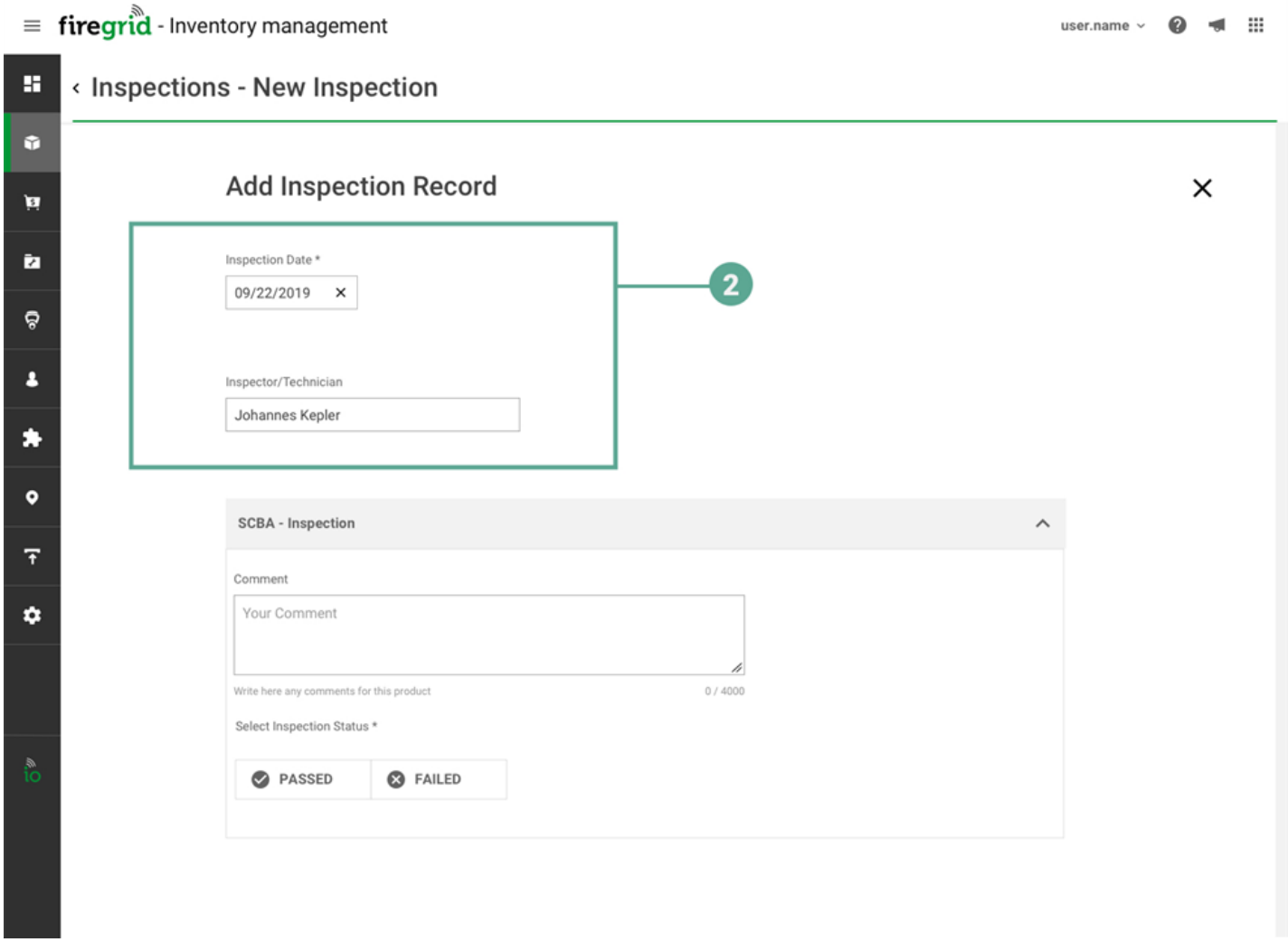
   Assets Page

   Click the vertical ellipsis icon in an asset's row and select **Add Inspection**.

   Assets - Details Page

   Click **Inspections**.

2. Select the required **Inspection Date** and **Inspector/Technician**.



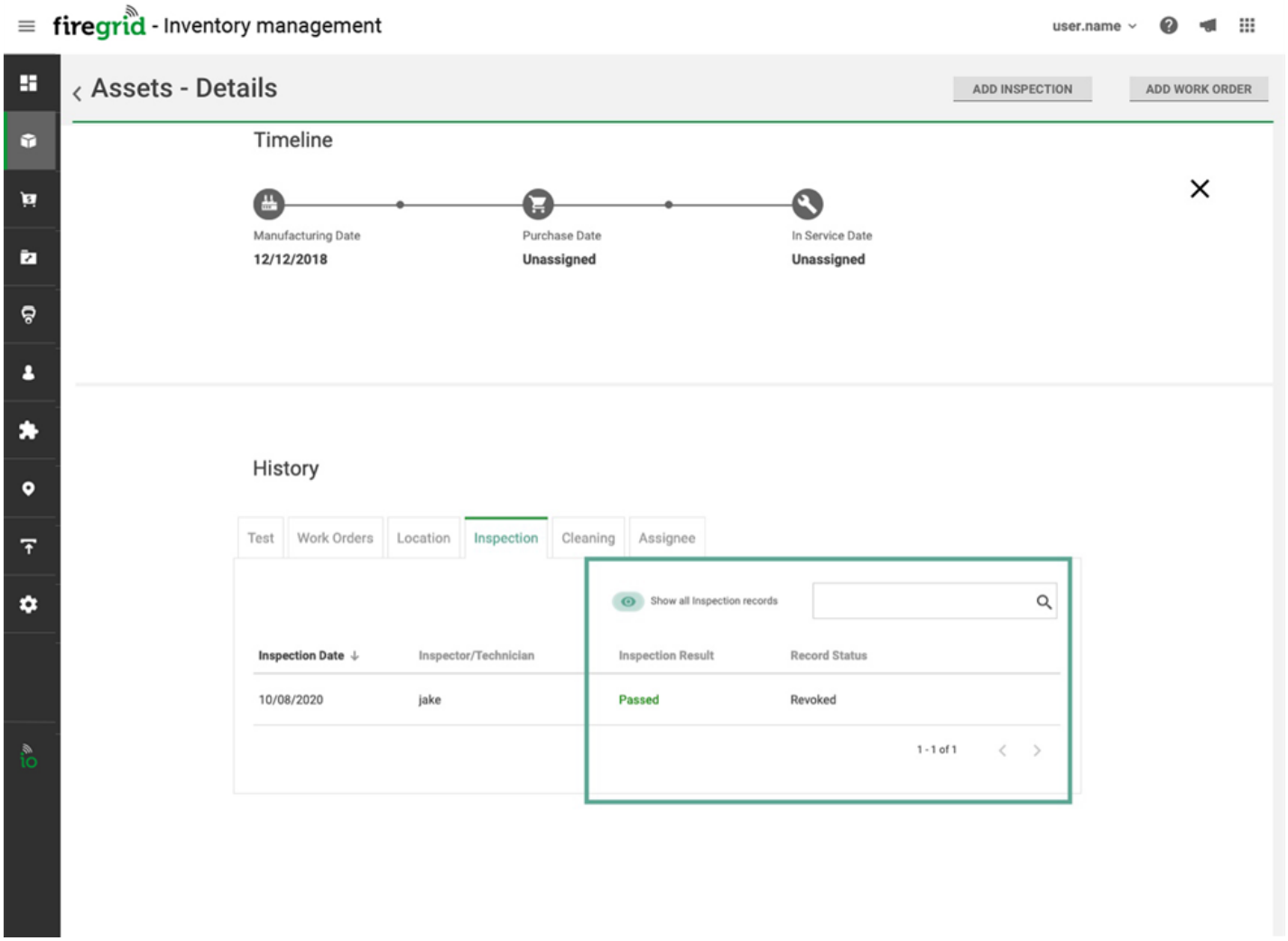
3. Additional fields and inspections may be required to be completed, depending on the asset type:
   a. Set the **Inspection Status** to **Passed** or **Failed**, and enter an optional **Comment**, if desired.
   b. For some asset types and models, more detailed inspection checklists are available. Select **Advanced Inspection** or **Complete Liner Inspection** and complete the inspection listed on each tab.
4. Click the **Select More** tab and then click the **Add** icon next to additional asset(s), if needed.
5. Click **Save**.

Revoking an Inspection Record

If an inspection record has mistakes, it can be revoked and labeled as invalid.

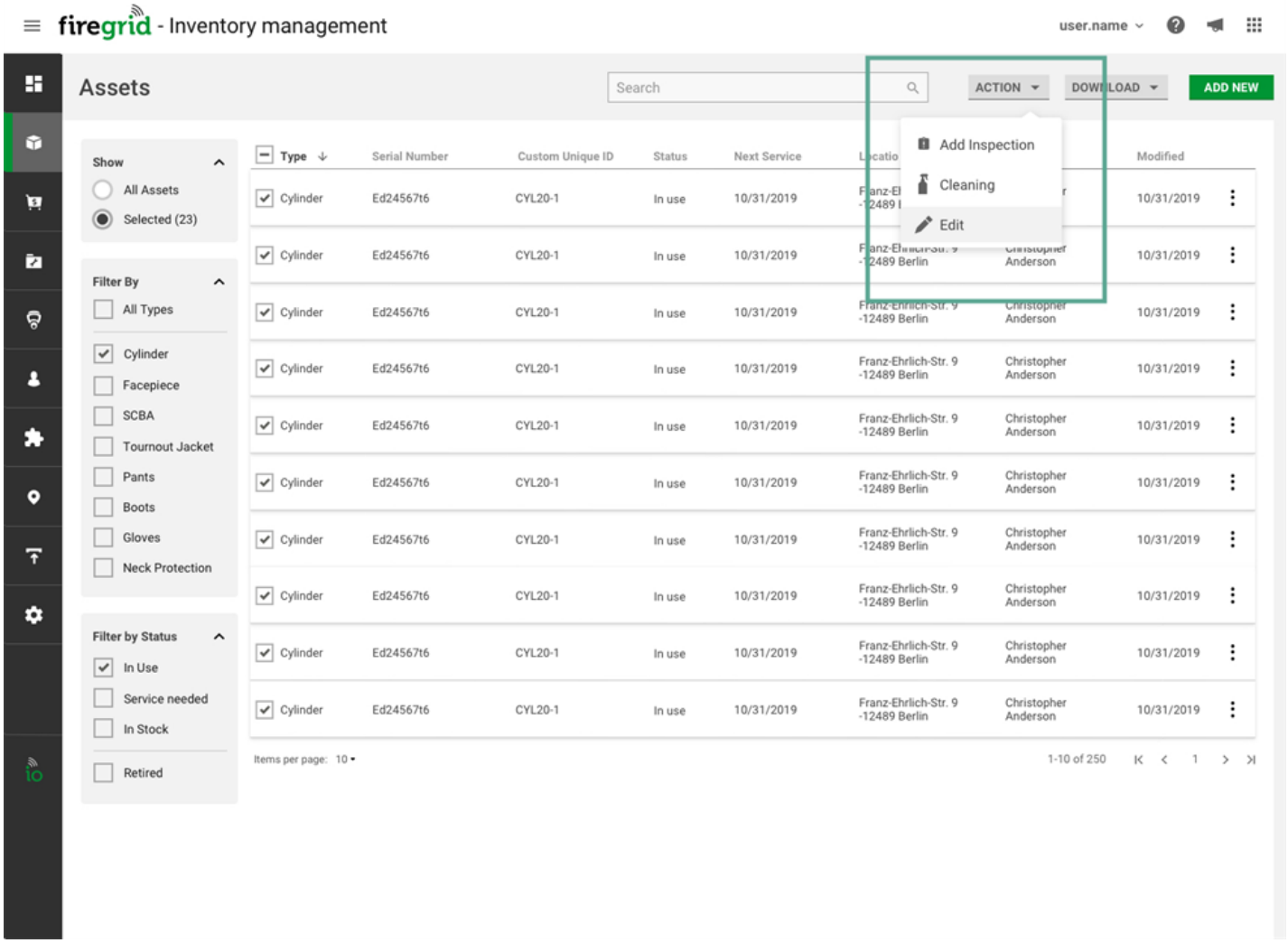
1. Open the Assets - Details page for an asset and select **Inspections**.
2. Click the **Revoke Record** button.
3. Click **OK** to confirm.

The inspection record is no longer valid and appears as *Revoked* in the inspection history.



Editing Assets in Bulk

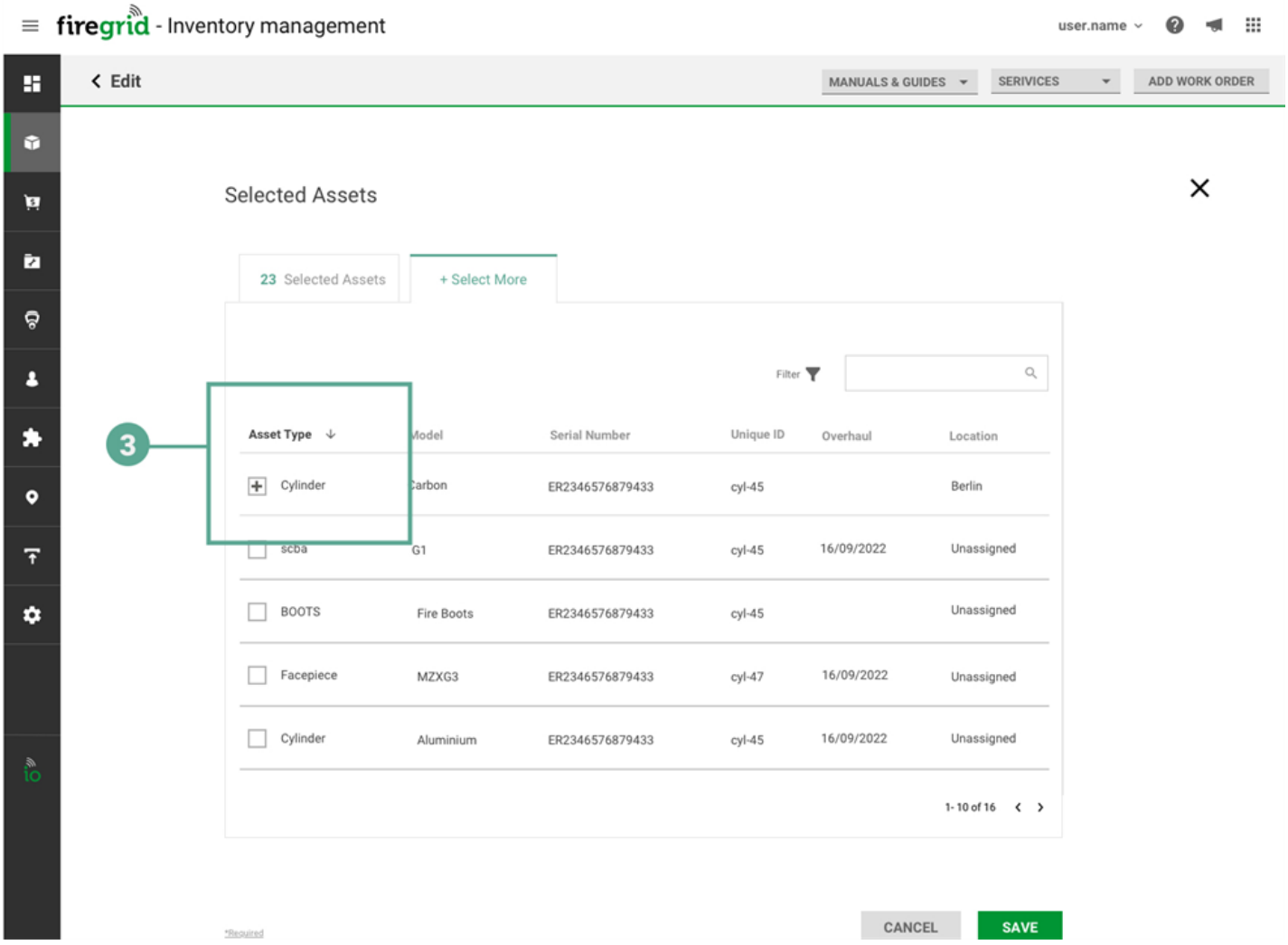
Inspection records, cleaning dates, and cylinder hydro tests and fills can be added to a group of selected assets at one time. The location, assignee, and status of assets can also be changed in bulk.



1. On the **Assets** page, select the assets to be edited.
2. Click the **Bulk** button and select an option.

Add Inspection	See Adding an Inspection Record for required fields and advanced inspections that may be required, depending on asset type.
Cleaning	Select the required **Cleaning Date** and complete any optional fields.
Hydro Test (cylinders only)	See Adding a Cylinder Hydro Test.
Fill (cylinders only)	See Adding a Cylinder Fill.
Edit	Select **Change Location**, **Change Assignee** and/or **Change Status** to edit.

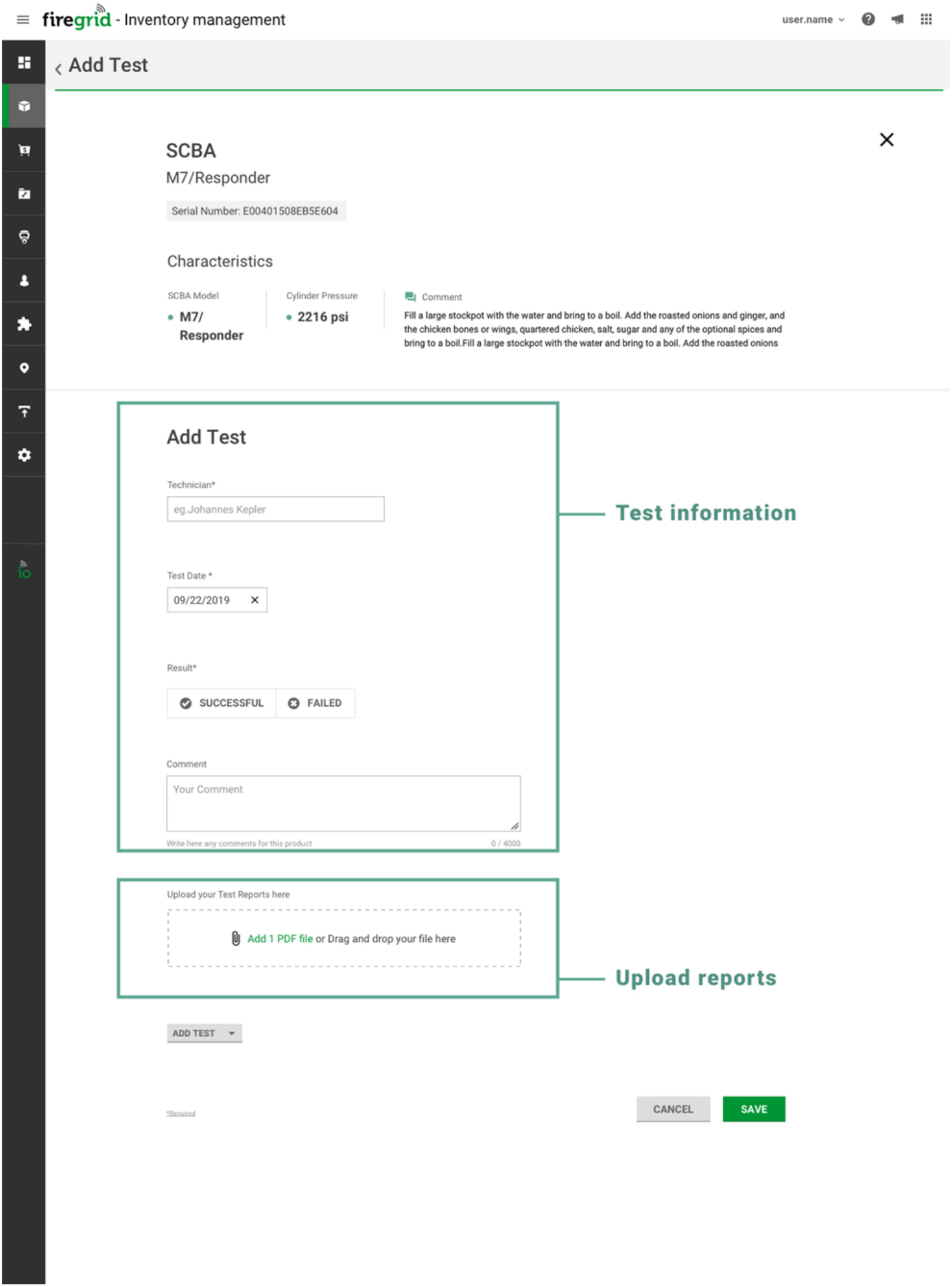
3. Click the **Select More** tab and then click the **Add** icon next to additional asset(s), if needed.



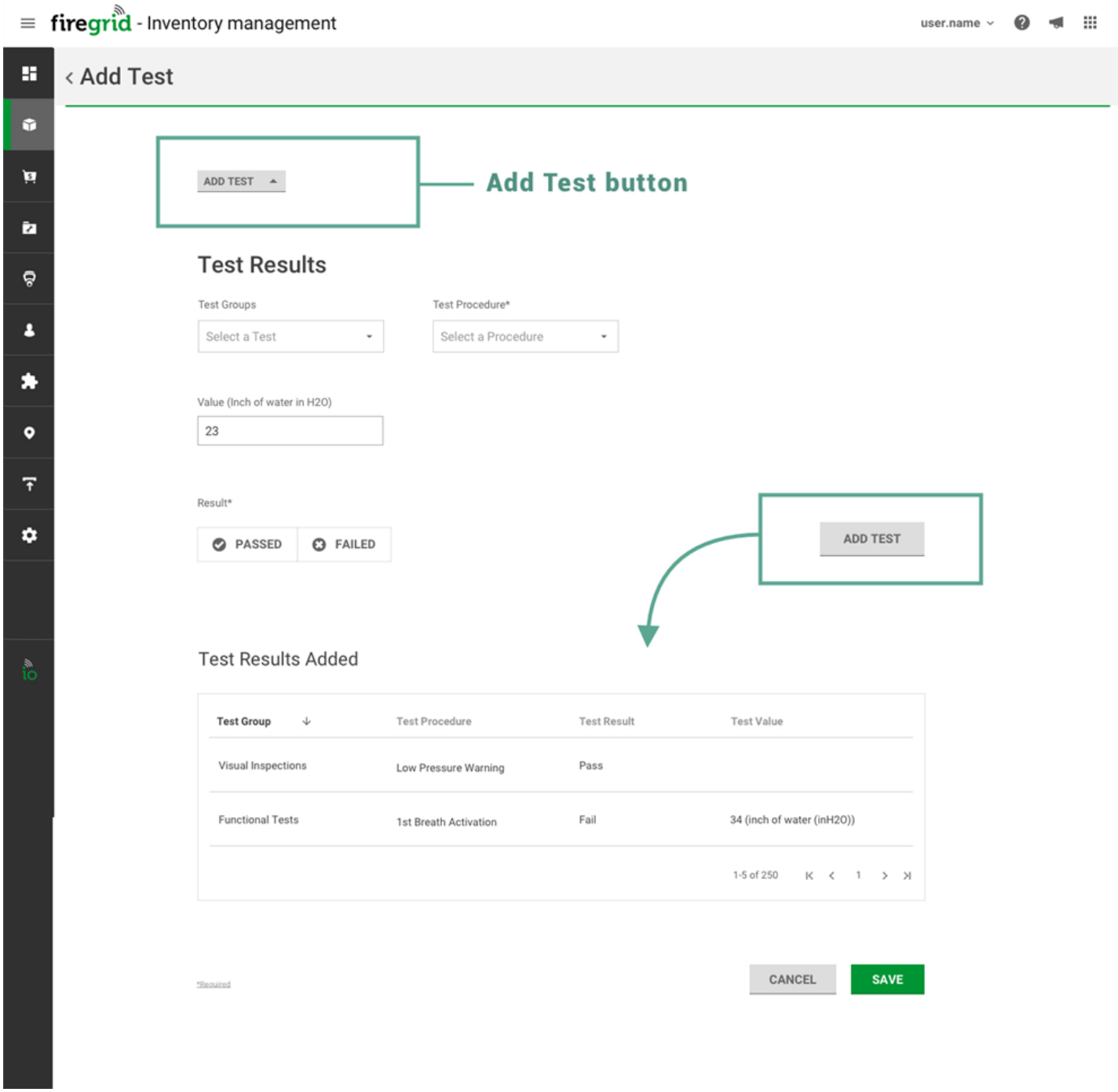
4. Click **Save**. All selected assets are updated.

Adding a Test

1. On the Assets page, click the vertical ellipsis icon in a facepiece or SCBA asset's row and select **Add Test**.
2. Enter the test information and upload the test reports PDF file.


firegrid - Inventory management
user.name
Add Test
SCBA
M7/Responder
Serial Number: E00401508EB5E604
Characteristics
SCBA Model
M7/ Responder
Cylinder Pressure
2216 psi
Comment
Fill a large stockpot with the water and bring to a boil. Add the roasted onions and ginger, and the chicken bones or wings, quartered chicken, salt, sugar and any of the optional spices and bring to a boil.Fill a large stockpot with the water and bring to a boil. Add the roasted onions
Add Test
Technician*
eg.Johannes Kepler
Test Date *
09/22/2019
Result*
SUCCESSFUL
FAILED
Comment
Your Comment
Write here any comments for this product
0 / 4000
Test information
Upload your Test Reports here
Add 1 PDF file or Drag and drop your file here
Upload reports
ADD TEST
*Required
CANCEL
SAVE

3. To add details on the test results, if desired, click the **Add Test** button, enter required information, and then click the **Add Test** button to the right of the **Result** field.



4. Click **Save**.

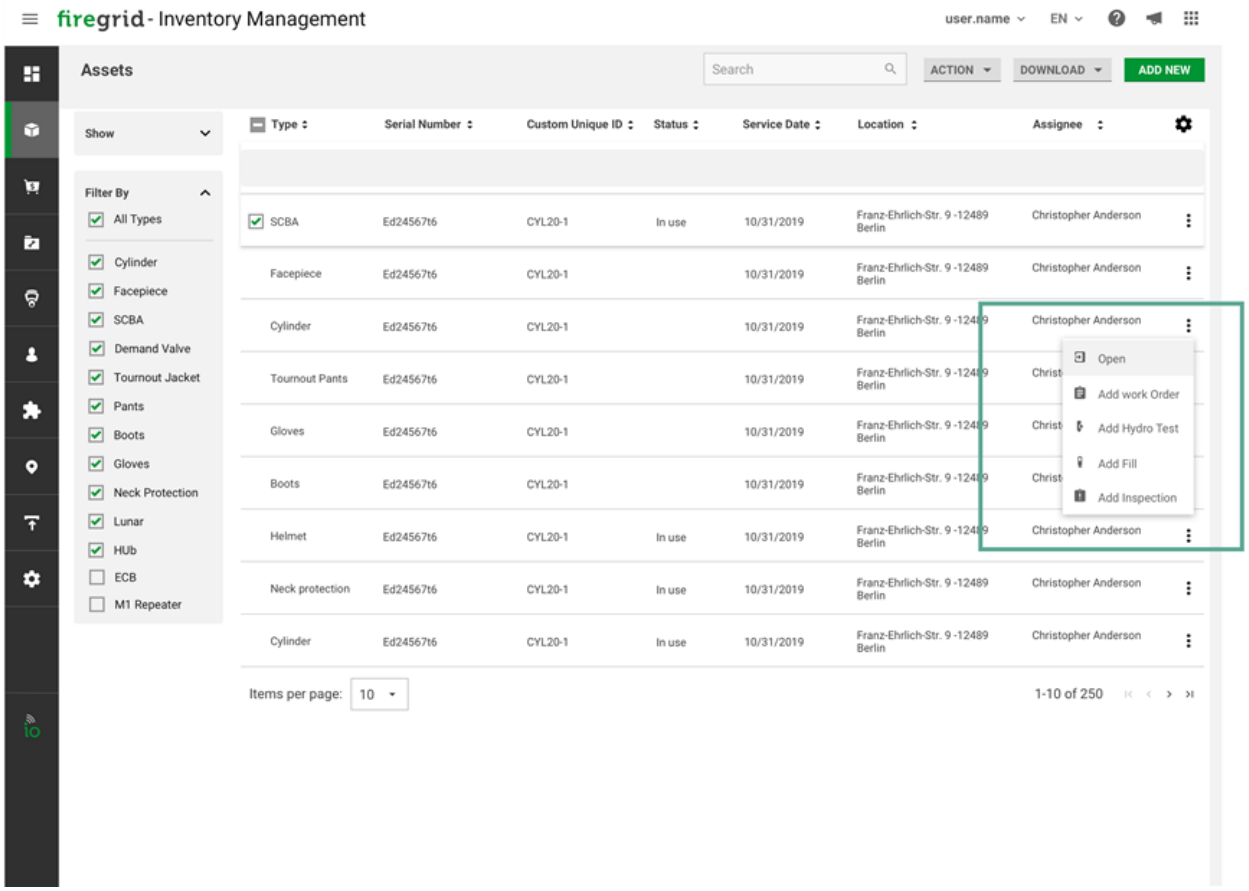
Adding a Cylinder Fill

A cylinder fill can be added from the **Assets** or **Assets-Details** page.

1. Open the Assets Page or Assets-Details Page.

   Assets Page

   Click the vertical ellipsis icon in a cylinder asset's row and select **Fill**.

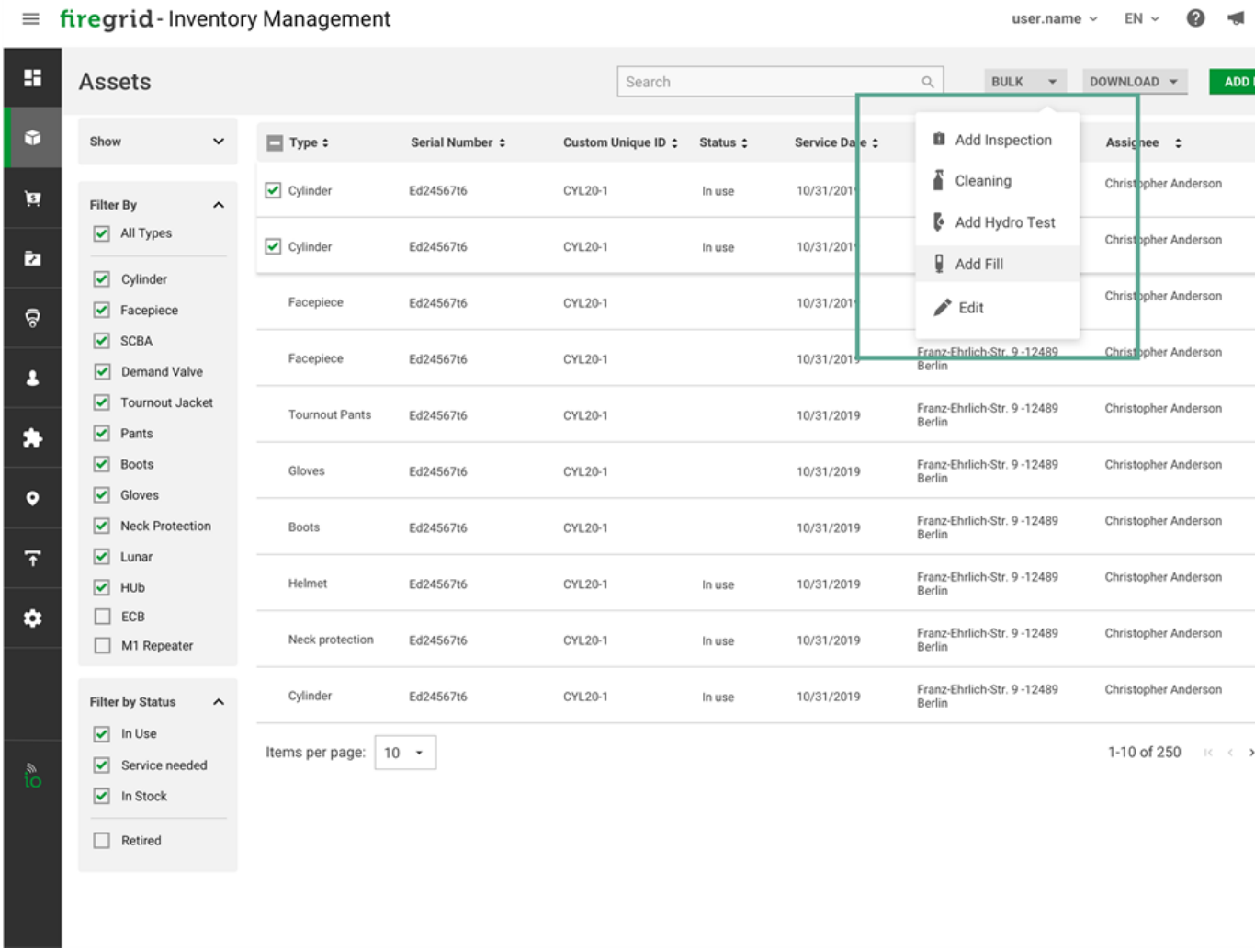


OR

Add a fill to multiple cylinders at once:

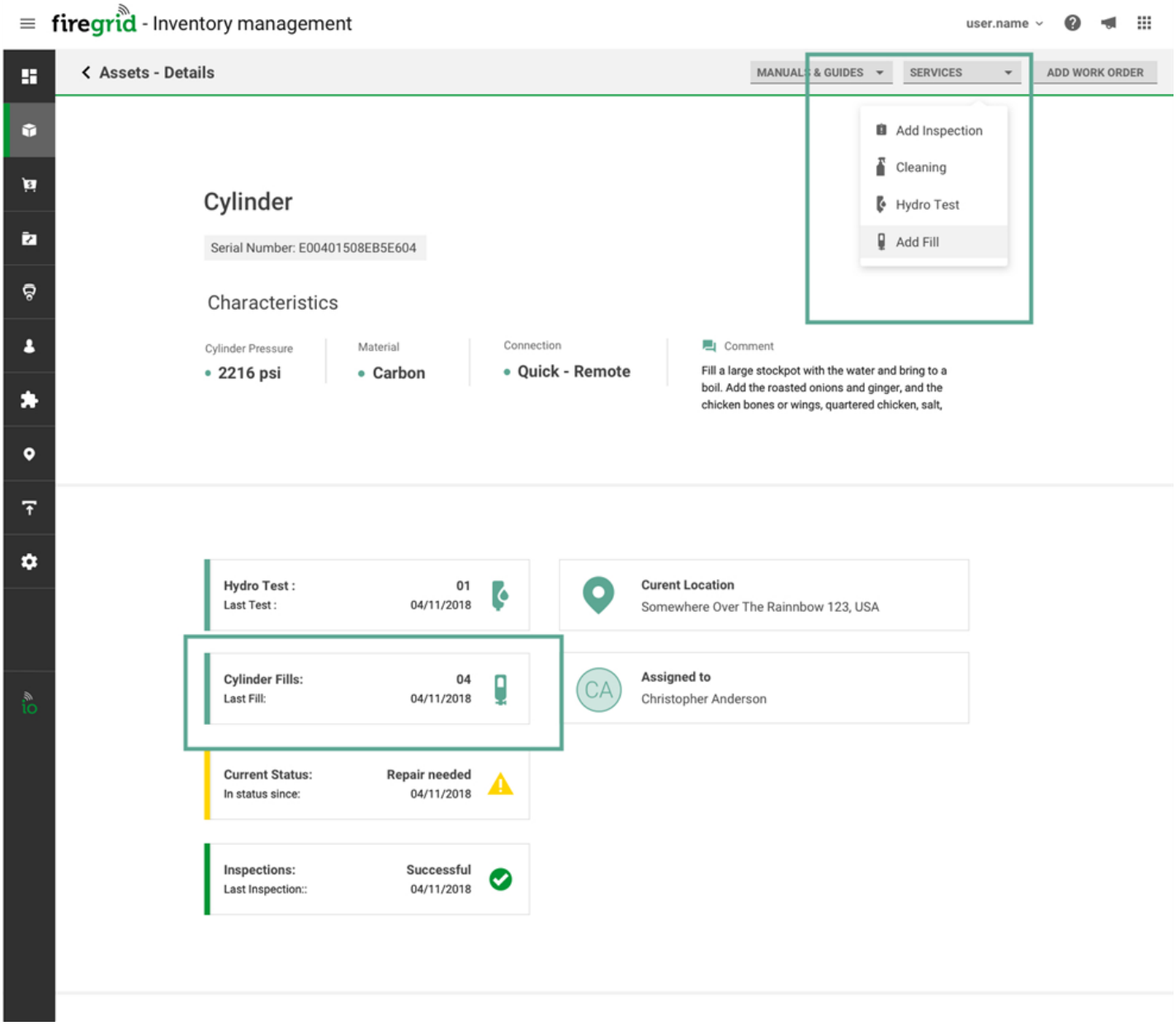
a. Filter the assets by **Cylinder**.

b. Select **Bulk** and choose **Fill**. See Editing Assets in Bulk for more information.



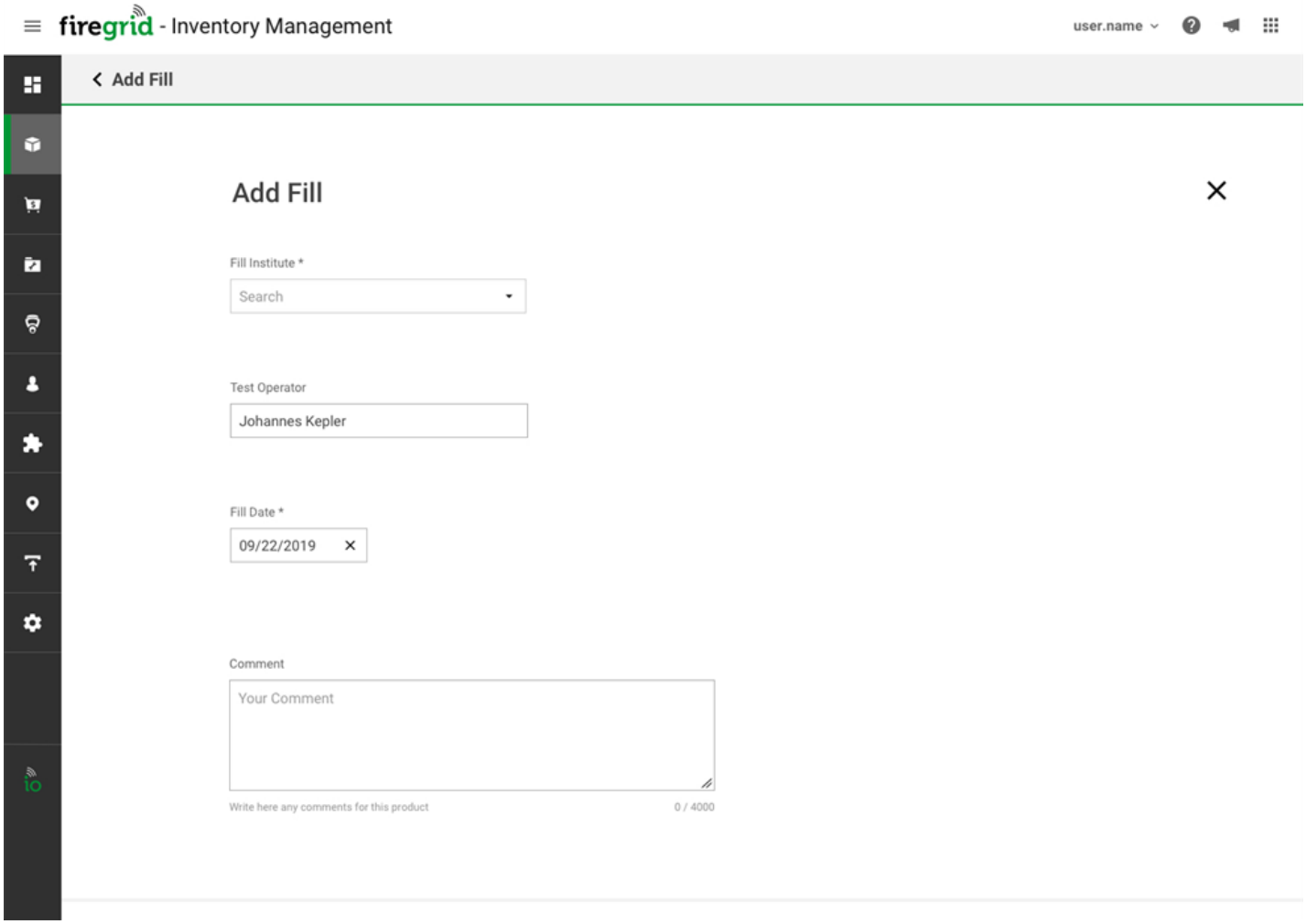
Asset Details

Select **Services** and choose **Add Fill**, or click **Cylinder Fills**.

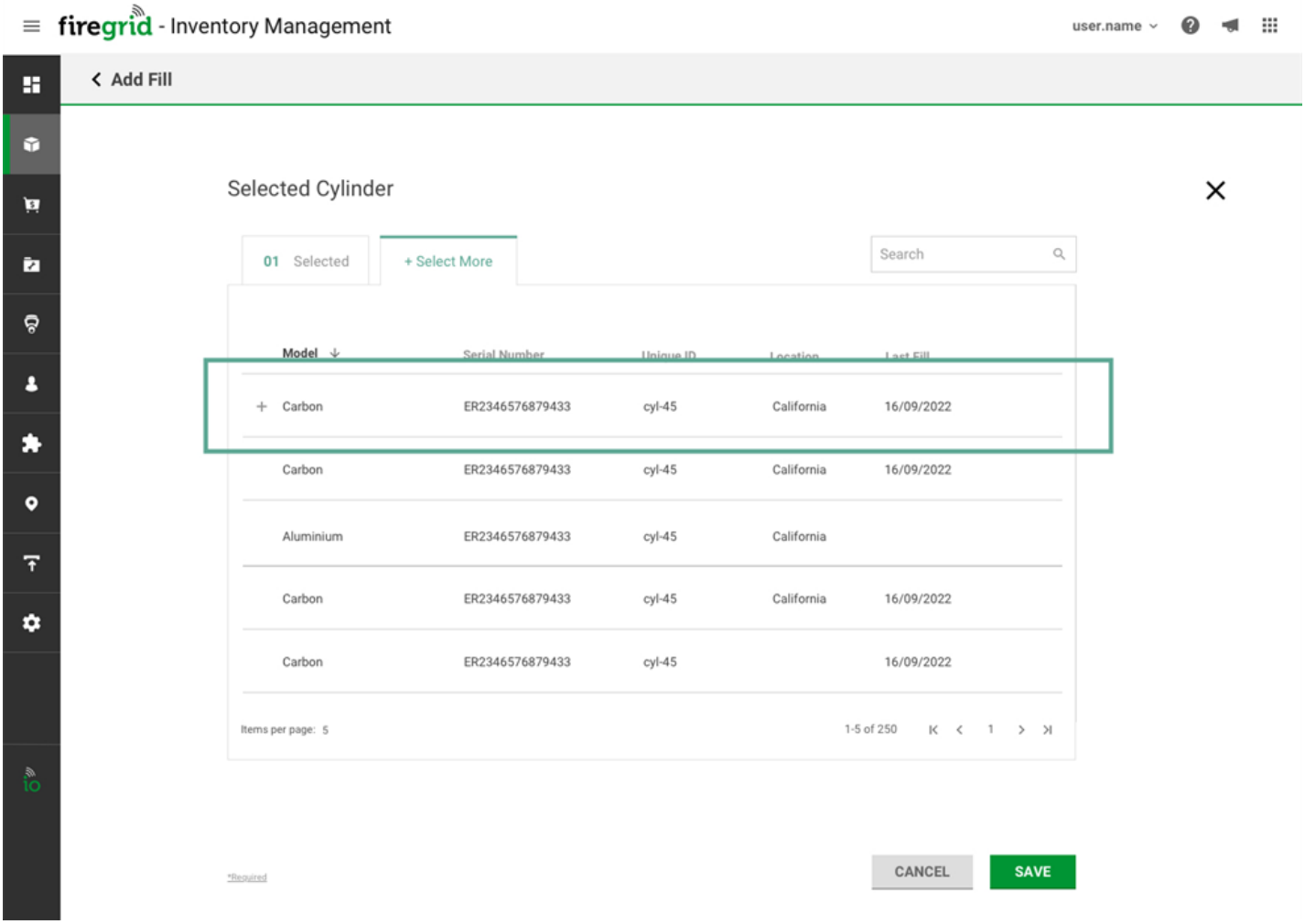


2. Enter the fill information:

Fill Institute (required)	Only fill institute addresses that have been added to FireGrid Inventory are available to select here. See Adding Addresses to add a fill institute address.
Fill Operator	Only fill institute addresses that have been added to FireGrid Inventory are available to select here. See Adding Addresses to add a fill institute address.
Fill Date	Enter a name.
Comment	Click the date field and select a date from the calendar.



3. Click the **Select More** tab and then click the add icon next to additional asset(s), if needed.



4. Click **Save**.

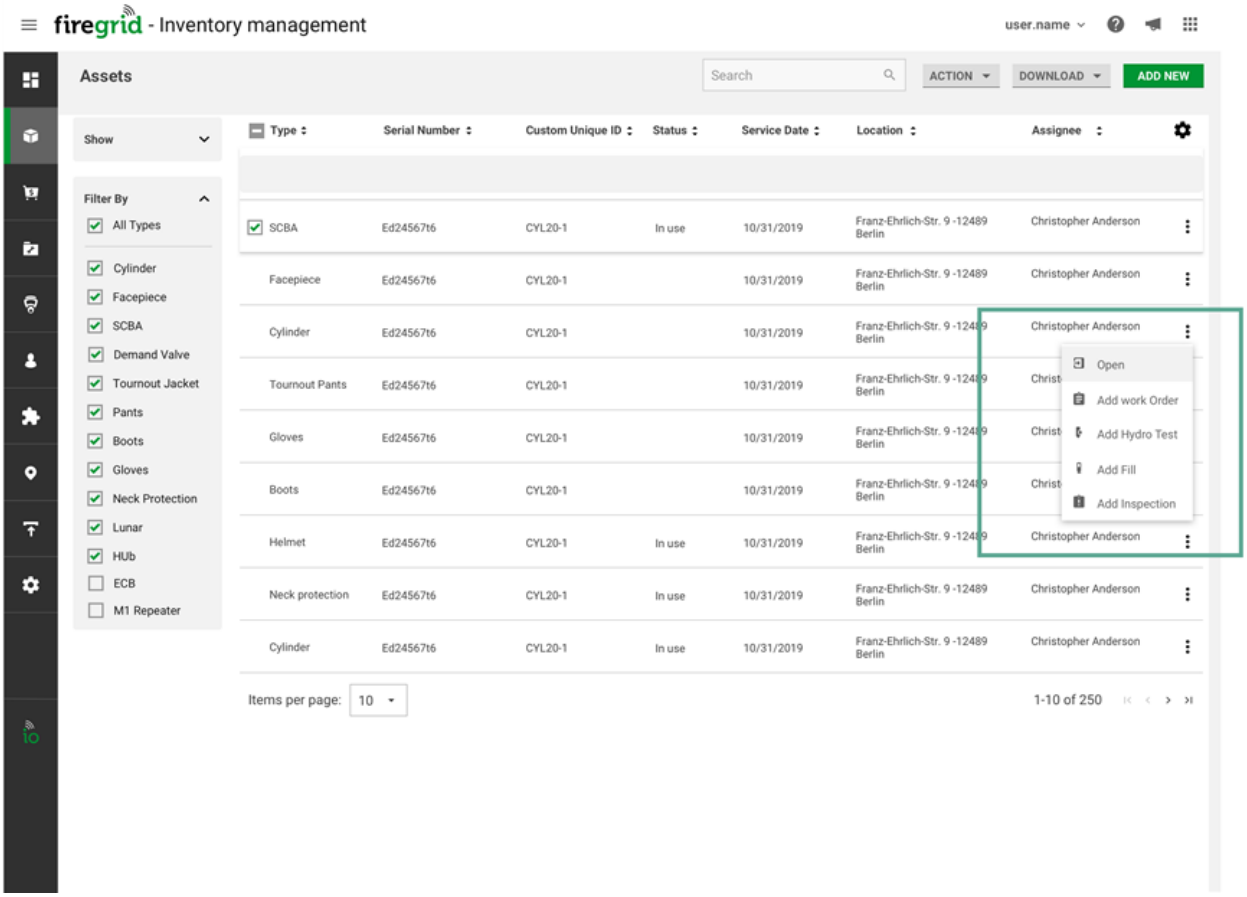
Adding a Cylinder Hydro Test

A cylinder hydro test can be added from the **Assets** or **Assets-Details** page.

1. Open the Assets Page or Assets-Details Page.

   #### Assets Page

   Click the vertical ellipsis icon in a cylinder asset's row and select **Add Hydro Test**.

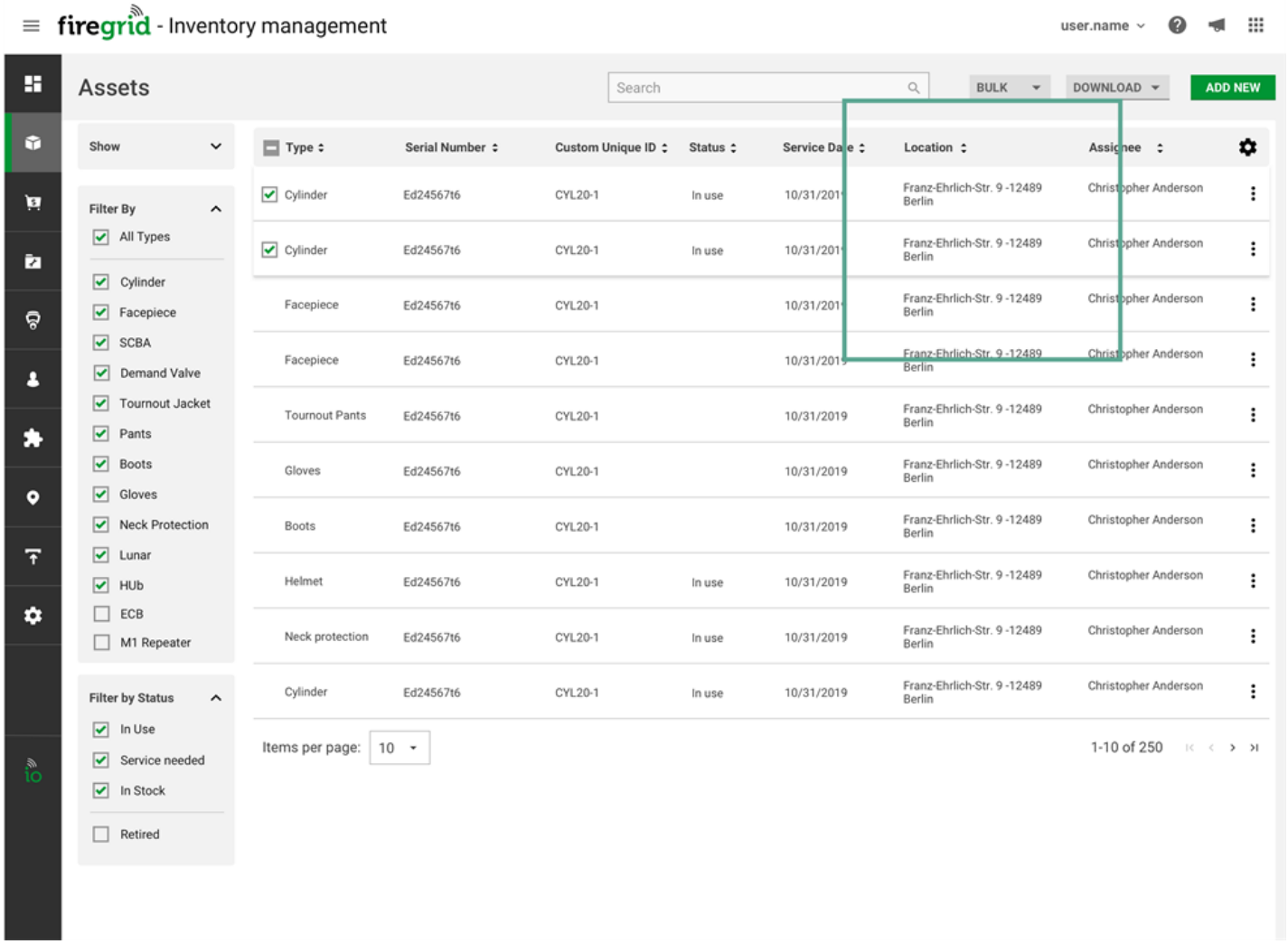


OR

Add a hydro test to multiple cylinders at once:

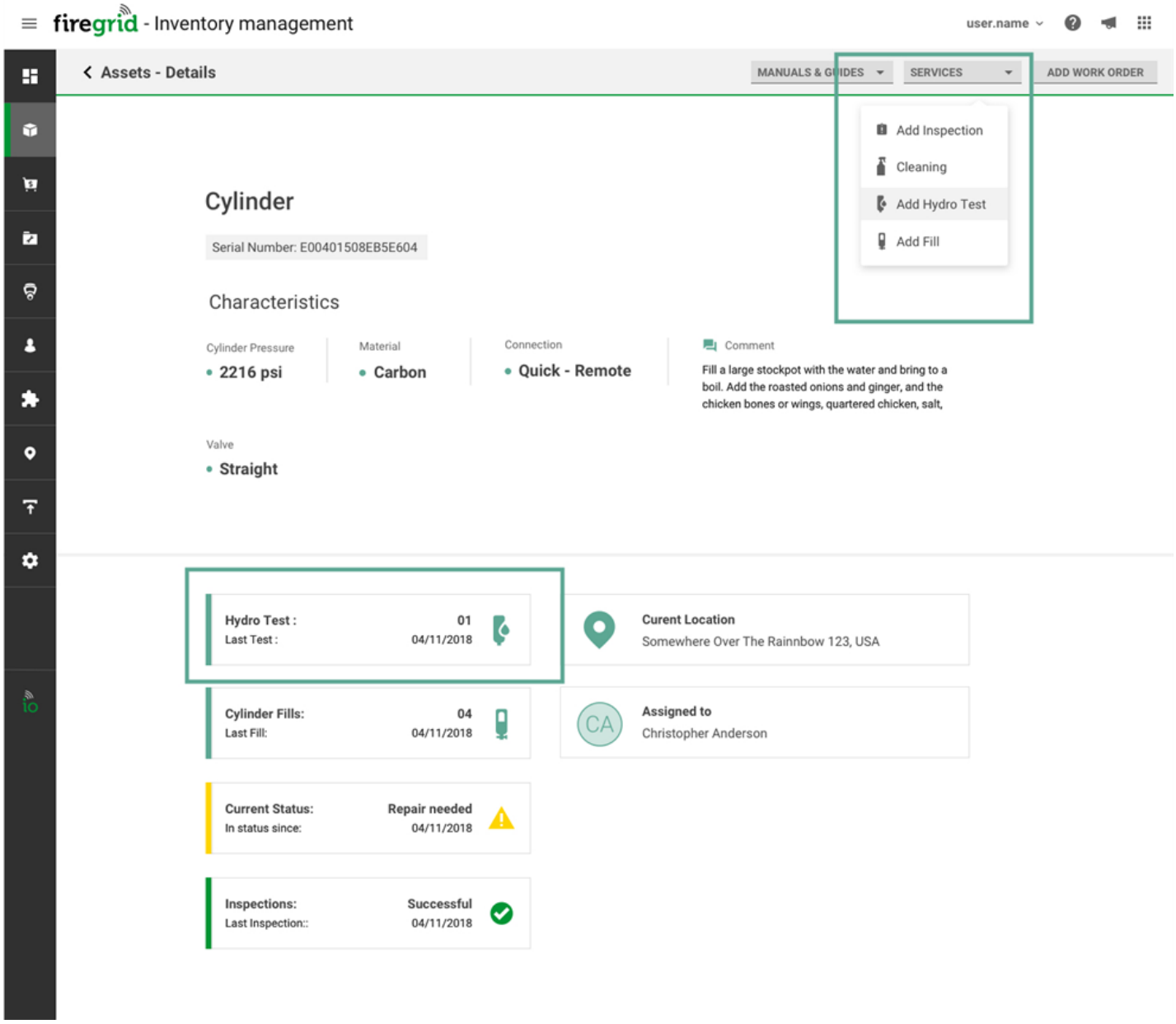
a. Filter the assets by **Cylinder**.

b. Select **Bulk** and choose **Hydro Test**. See Editing Assets in Bulk for more information.



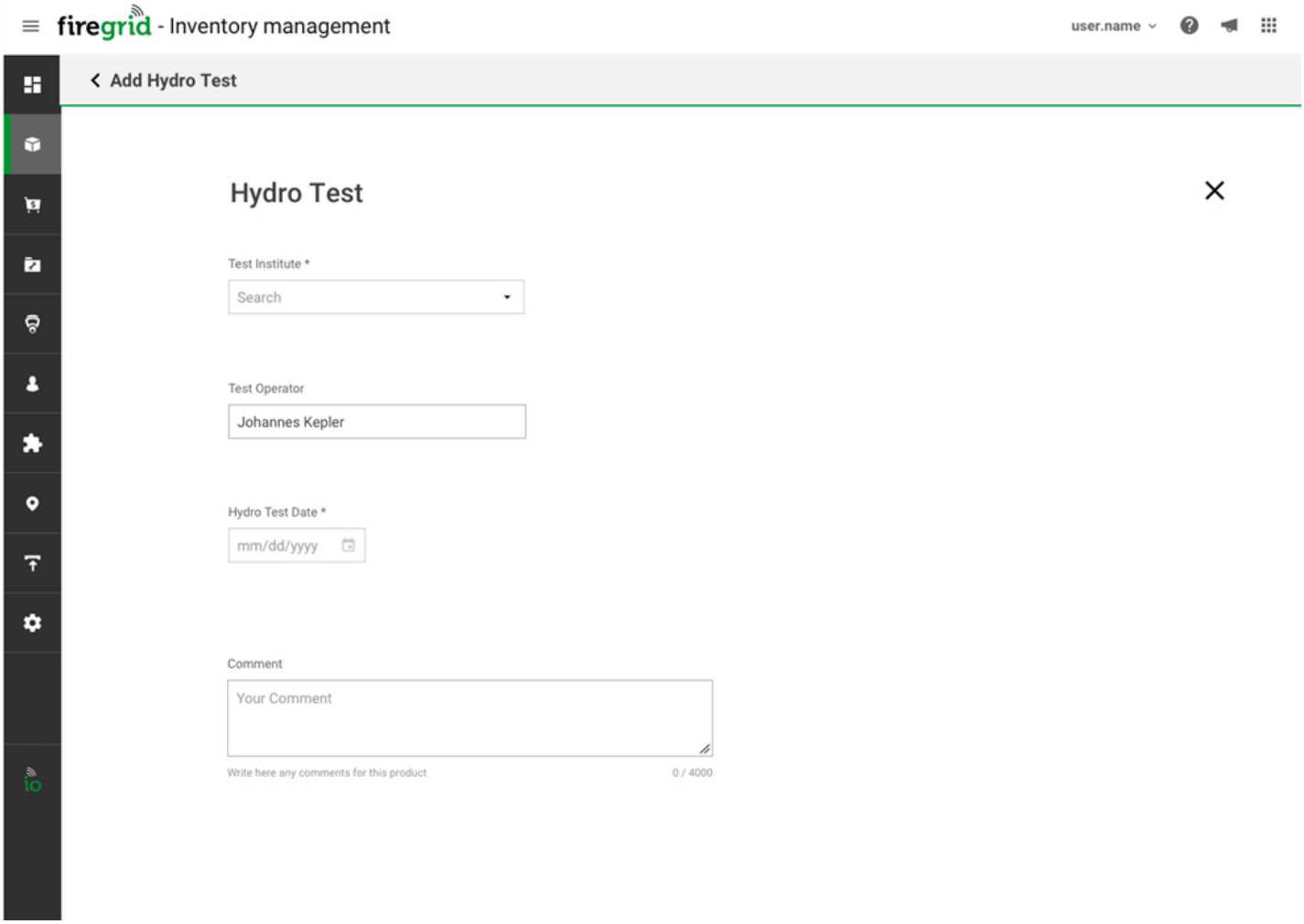
Asset Details

Select **Services, Add Hydro Test**, or click **Hydro Test**

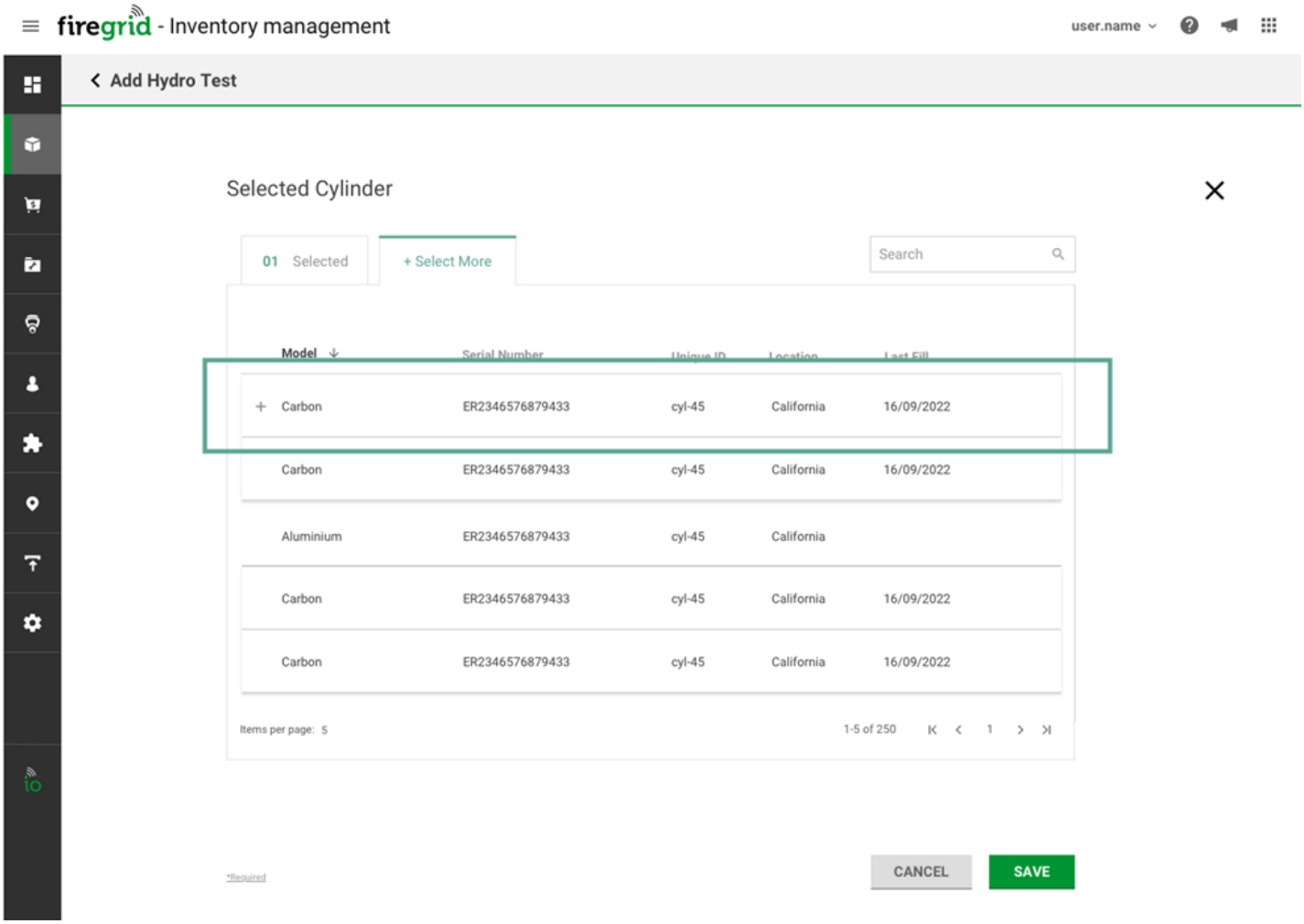


2. Enter the test information:

Test Institute (required)	Only test institute addresses that have been added to FireGrid Inventory are available to select here. See Adding Addresses to add a test institute address.
Test Operator	Enter a name.
Hydro Test Date	Click the date field and select a date from the calendar.
Comment	Enter a comment, if desired.



3. Click the **Select More** tab and then click the **Add** icon next to additional asset(s), if needed.

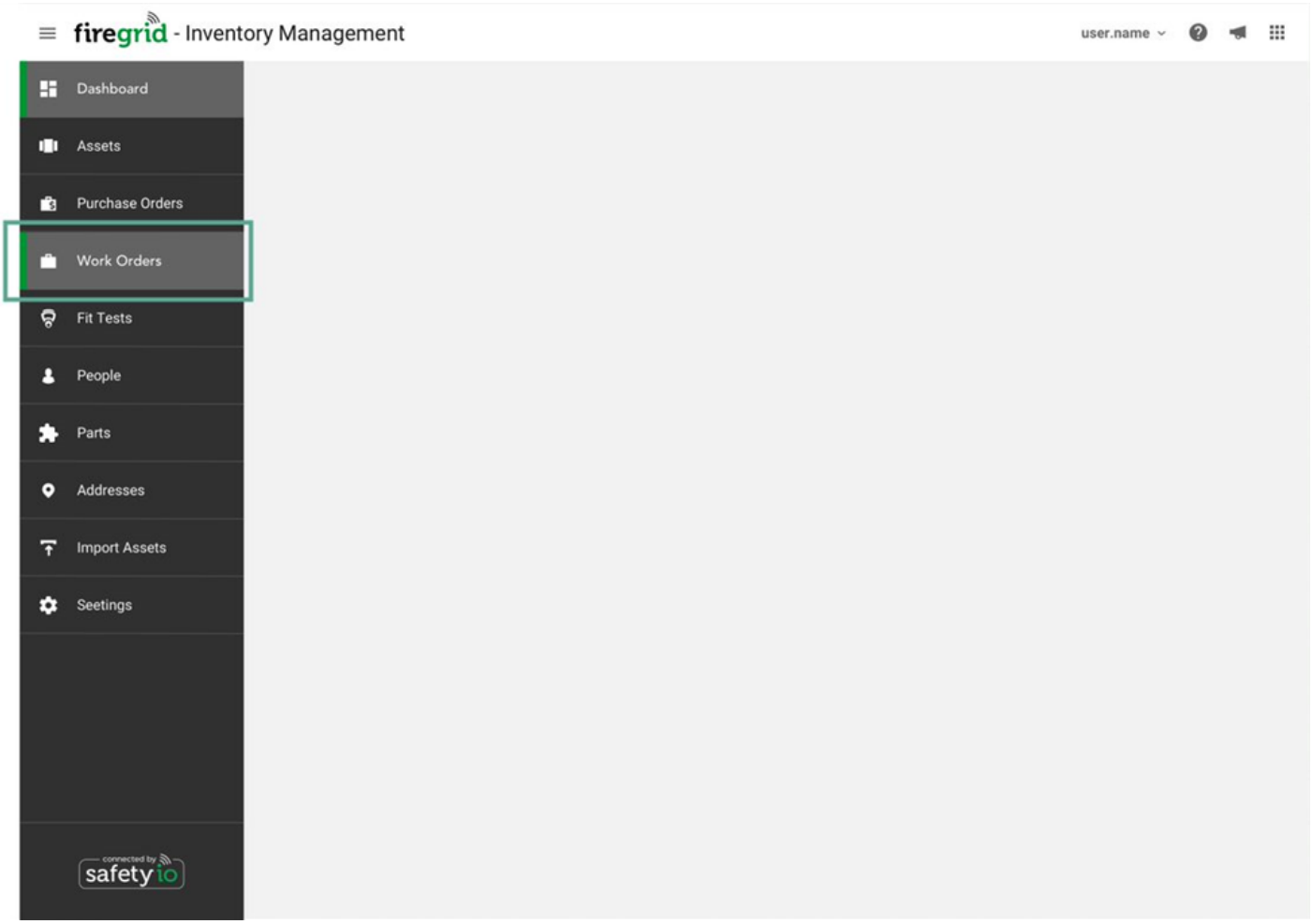


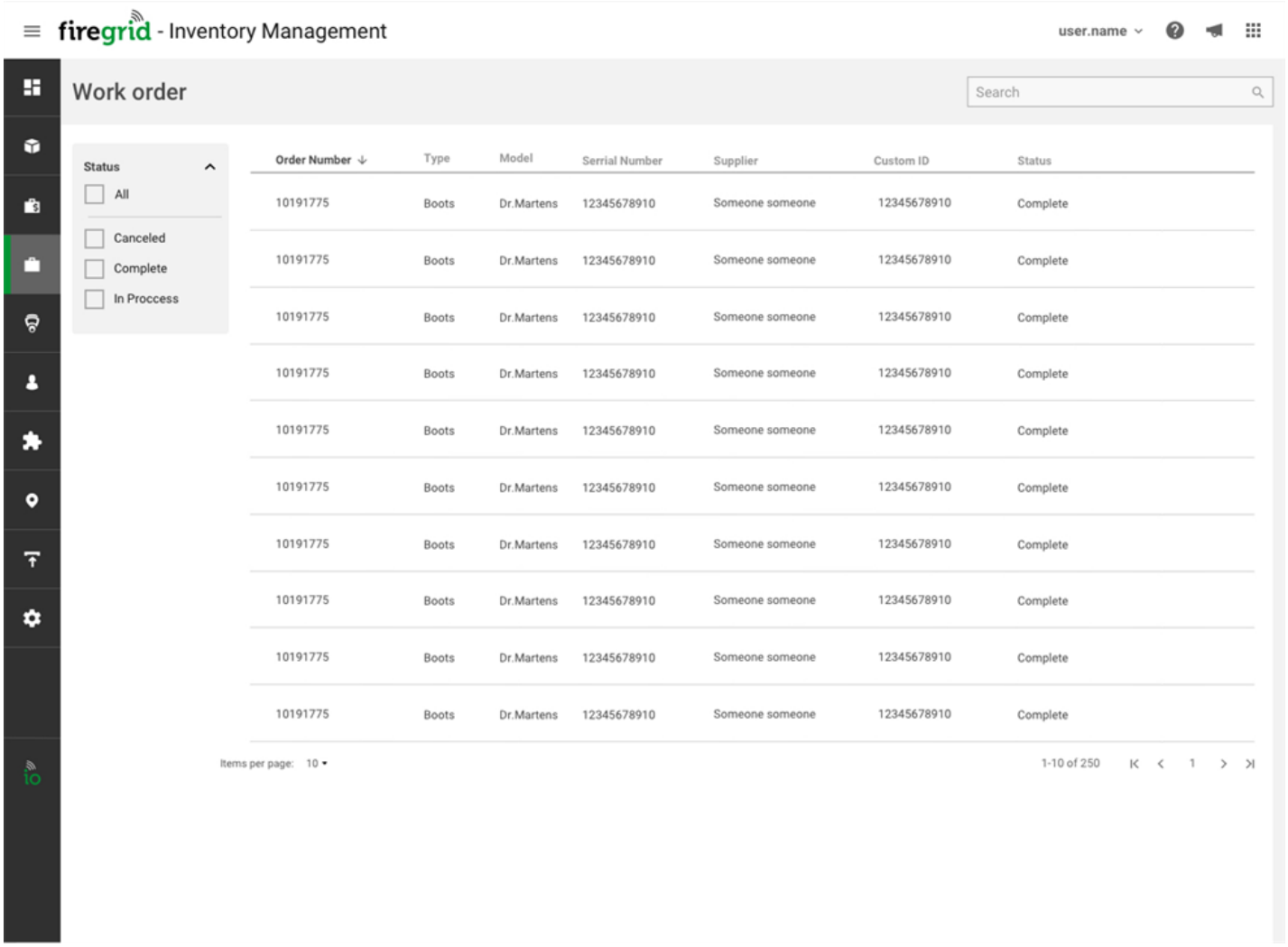
4. Click **Save**.

2.7.4 Work Orders

Each work order is listed on the **Work Orders** page. Work orders can be searched, edited, or downloaded to a .pdf file for sharing or printing.

To open the **Work Orders** page, select **Work Orders** from the main menu.




firegrid - Inventory Management
user.name
Work order
Search
Status
All
Canceled
Complete
In Proccess
Order Number
Type
Model
Serrial Number
Supplier
Custom ID
Status
10191775 Boots Dr.Martens 12345678910 Someone someone 12345678910 Complete
Items per page: 10
1-10 of 250
1

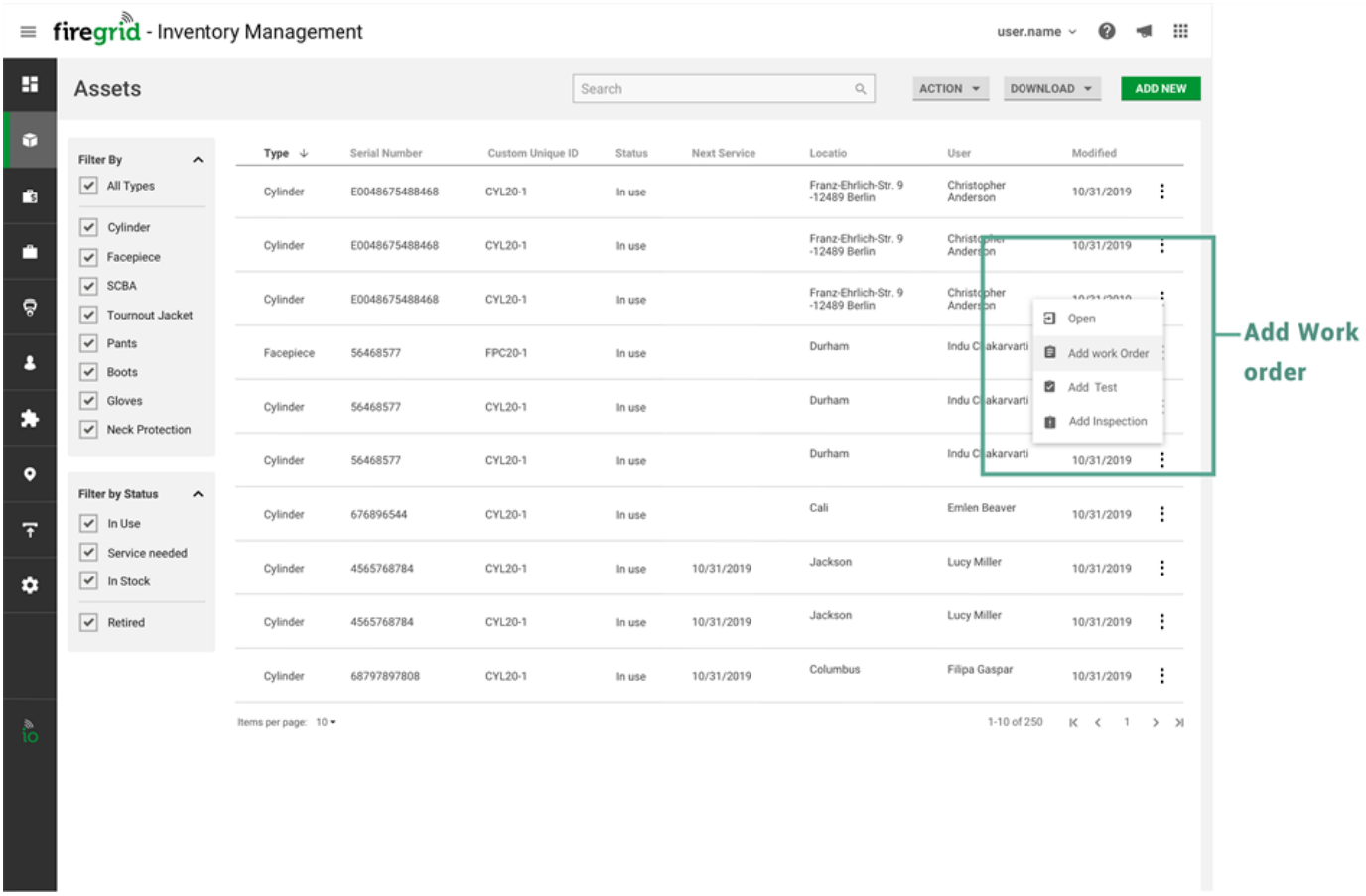
Adding a Work Order

Work orders can be added from the **Assets** or **Assets-Details** page.

1. Choose one of the following:

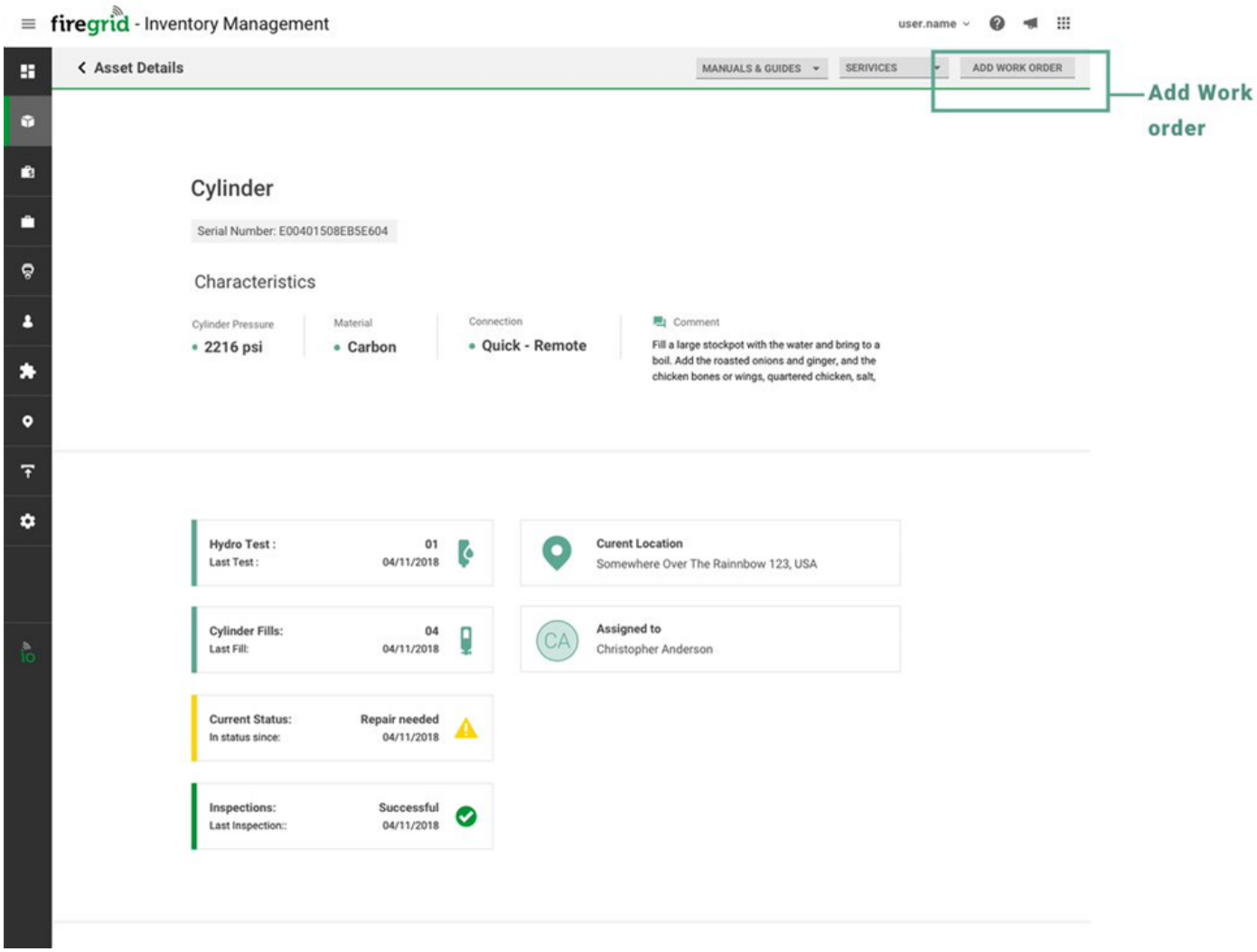
   Assets Page

   Click the vertical ellipsis icon in the asset's row and select **Add Work Order**.

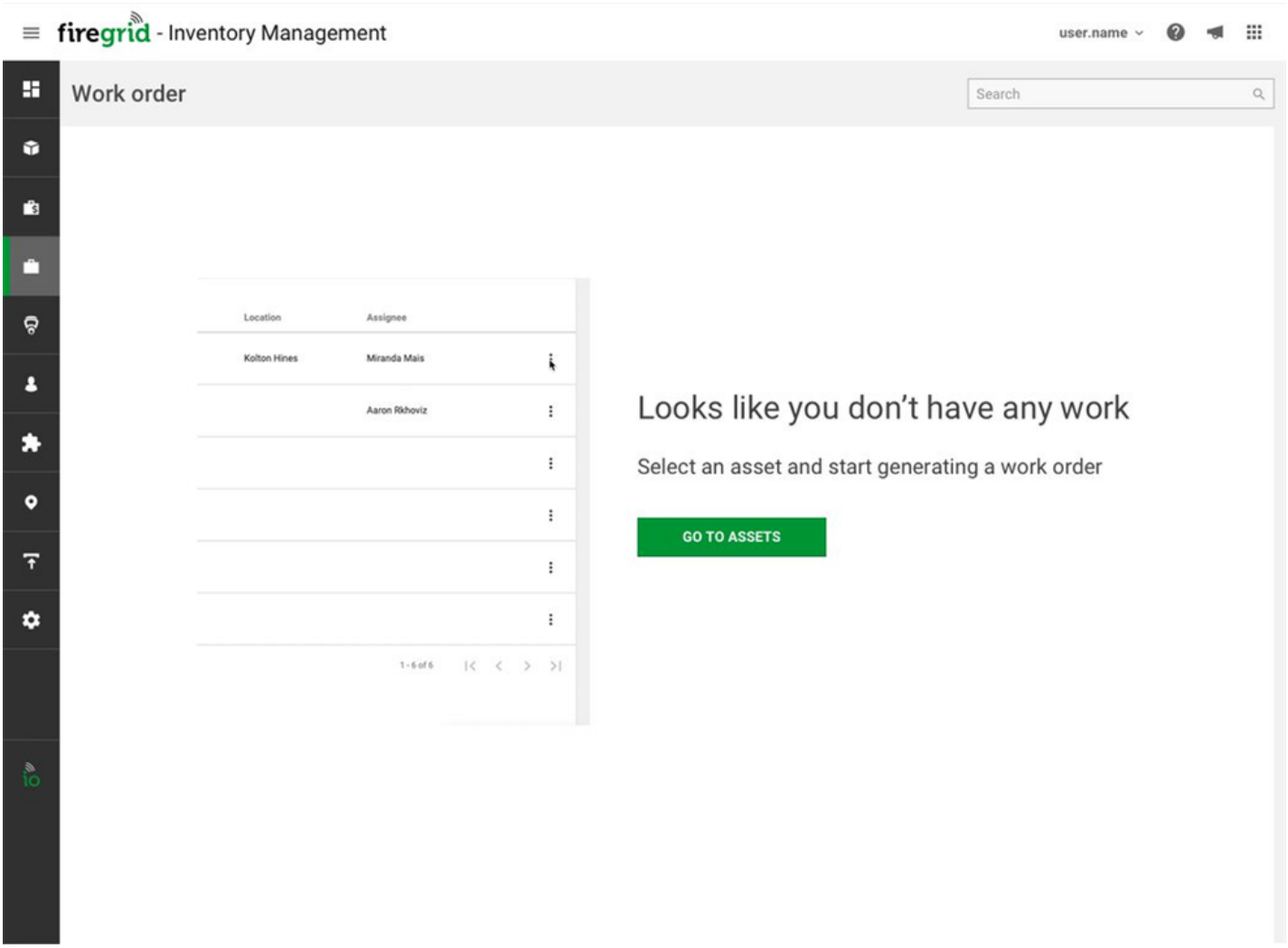


Assets-Details Page

Click the **Add Work Order** button.

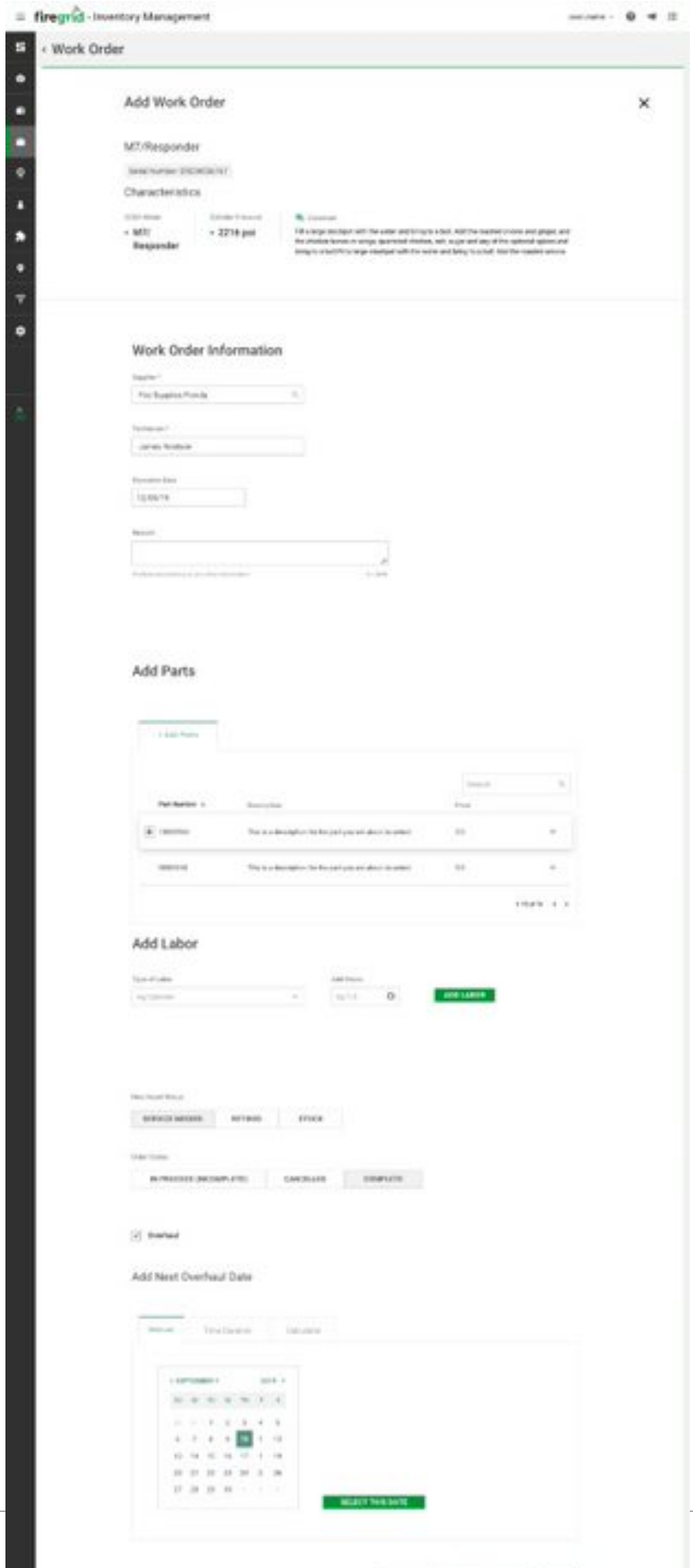


NOTE: If no work has been added yet, click the **Go To Assets** button to add a work order from the **Assets** or **Asset Details** page.



2. Enter the work order information:

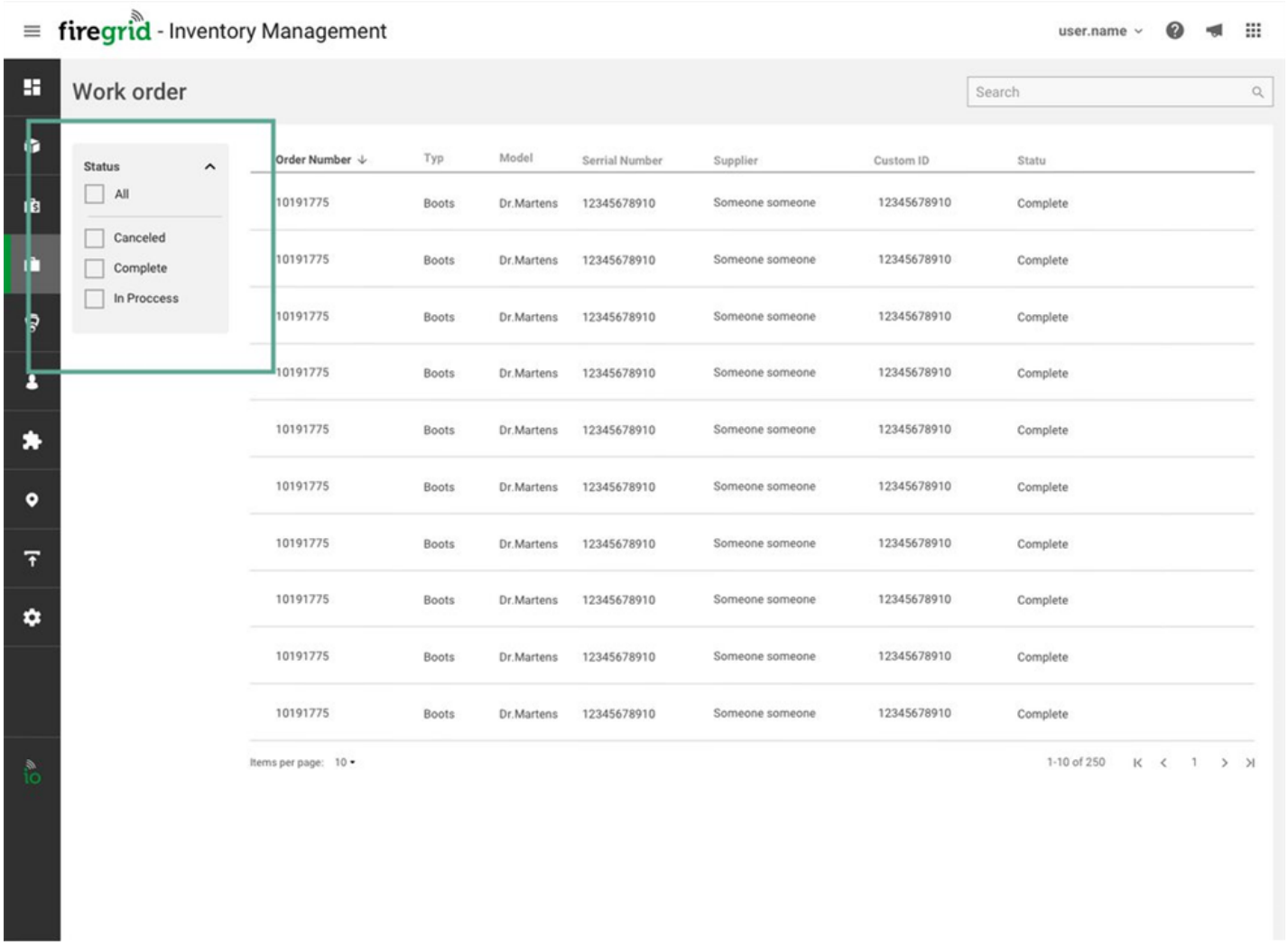
Supplier (required)	Only supplier addresses that have been added to FireGrid Inventory are available to select here. See Adding Addresses to add a supplier address.
Technician	Enter a name.
Execution Date	Click the **Calendar** icon and select a date.
Remarks	Enter a comment, if desired.
Add Parts	Click the part number drop-down arrow and click **Add Part**.
Add Labor	If a **Labor Rate** was specified in the supplier's address, the **Type of Labor** and **Working Hours** can be specified here. See Adding Addresses to add a labor rate to a supplier address.
New Device Status	Select **Service Needed**, **Retired**, **In Use**, or **Stock**.
Order Status (required)	Select **Canceled**, **Completed**, or **In Process**.


firegrid - Inventory Management
Work Order
Add Work Order
MT/Responder
Characteristics
Work Order Information
Add Parts
Add Labor
Add Next Overhaul Date

3. Click **Save** or **Save & Archive**.

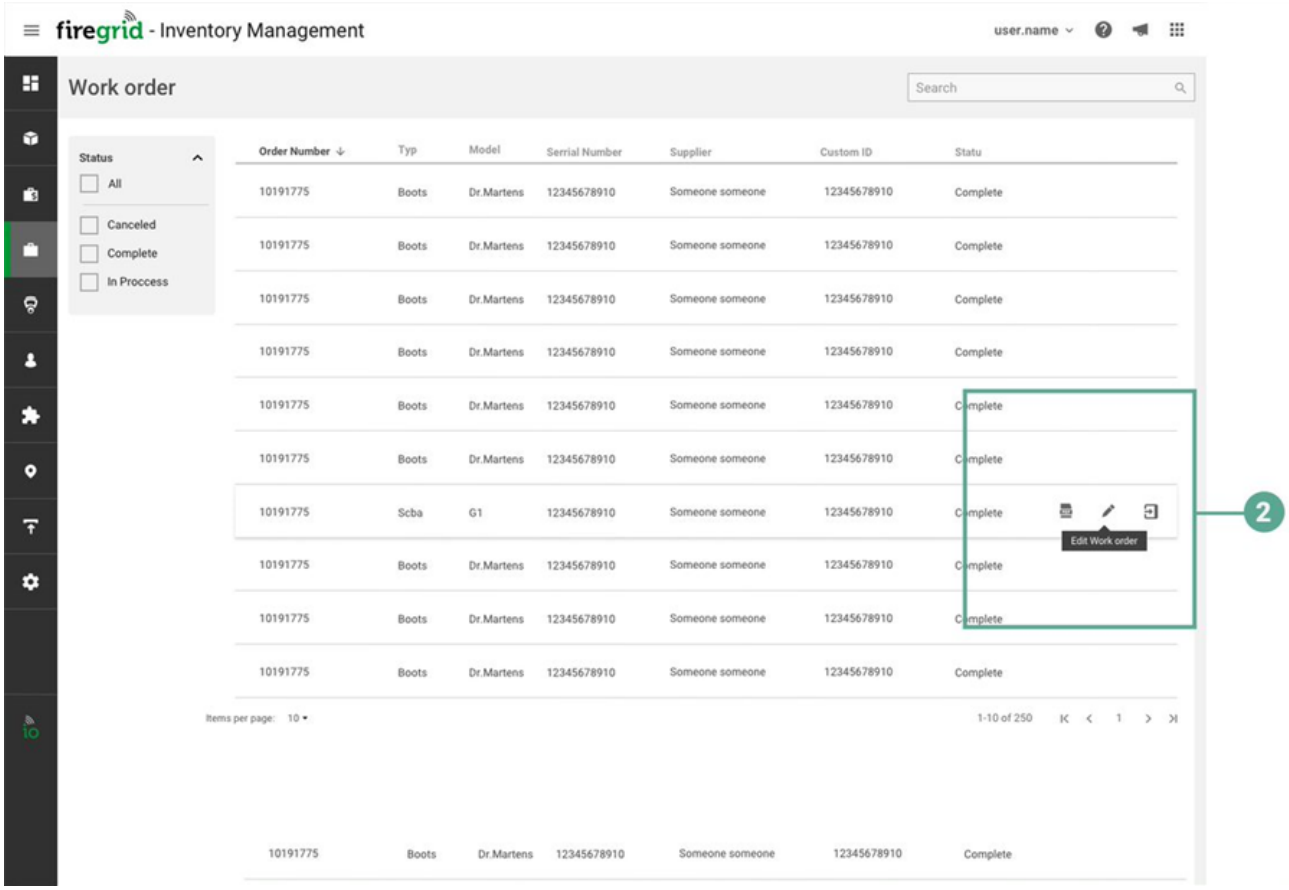
Filtering Work Orders

In the **Status** window, select a status on which to filter. Only work orders with the selected status appear in the list.



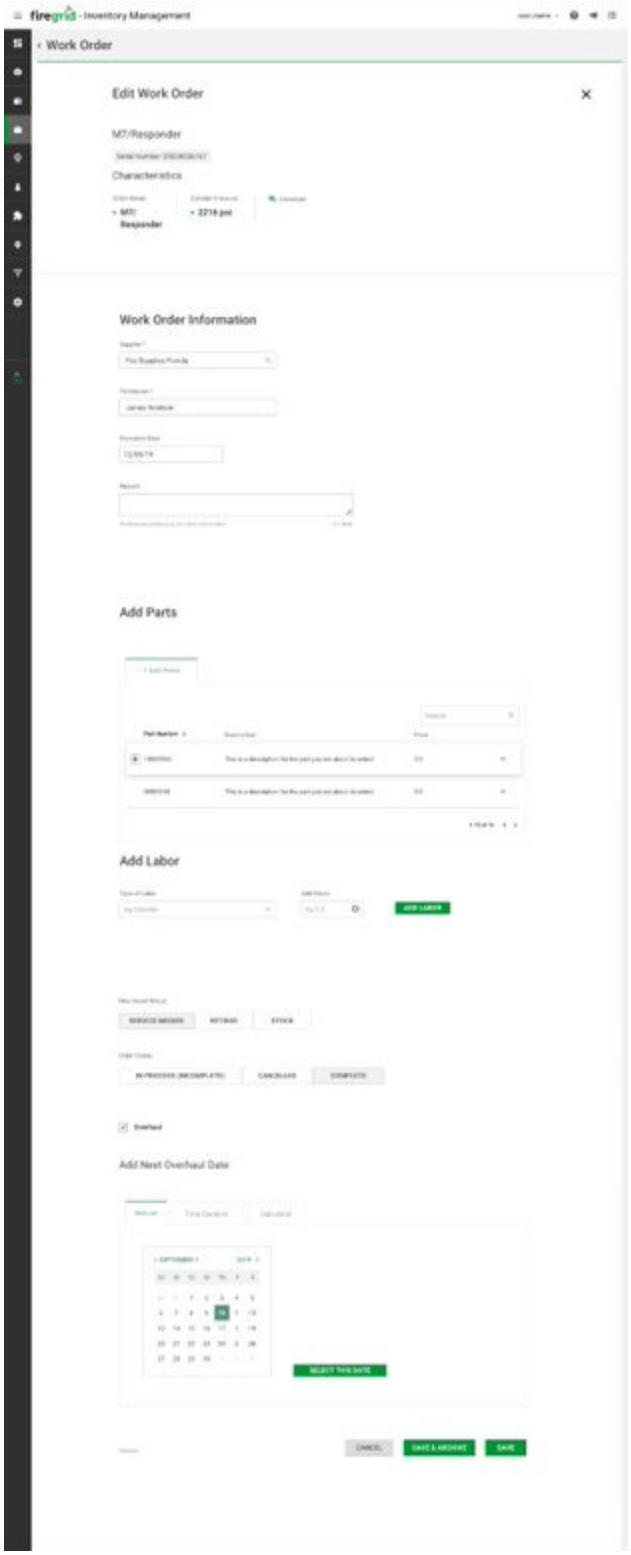
Managing Work Orders

1. To manage a specific work order, hover over the right end of the work order's row.



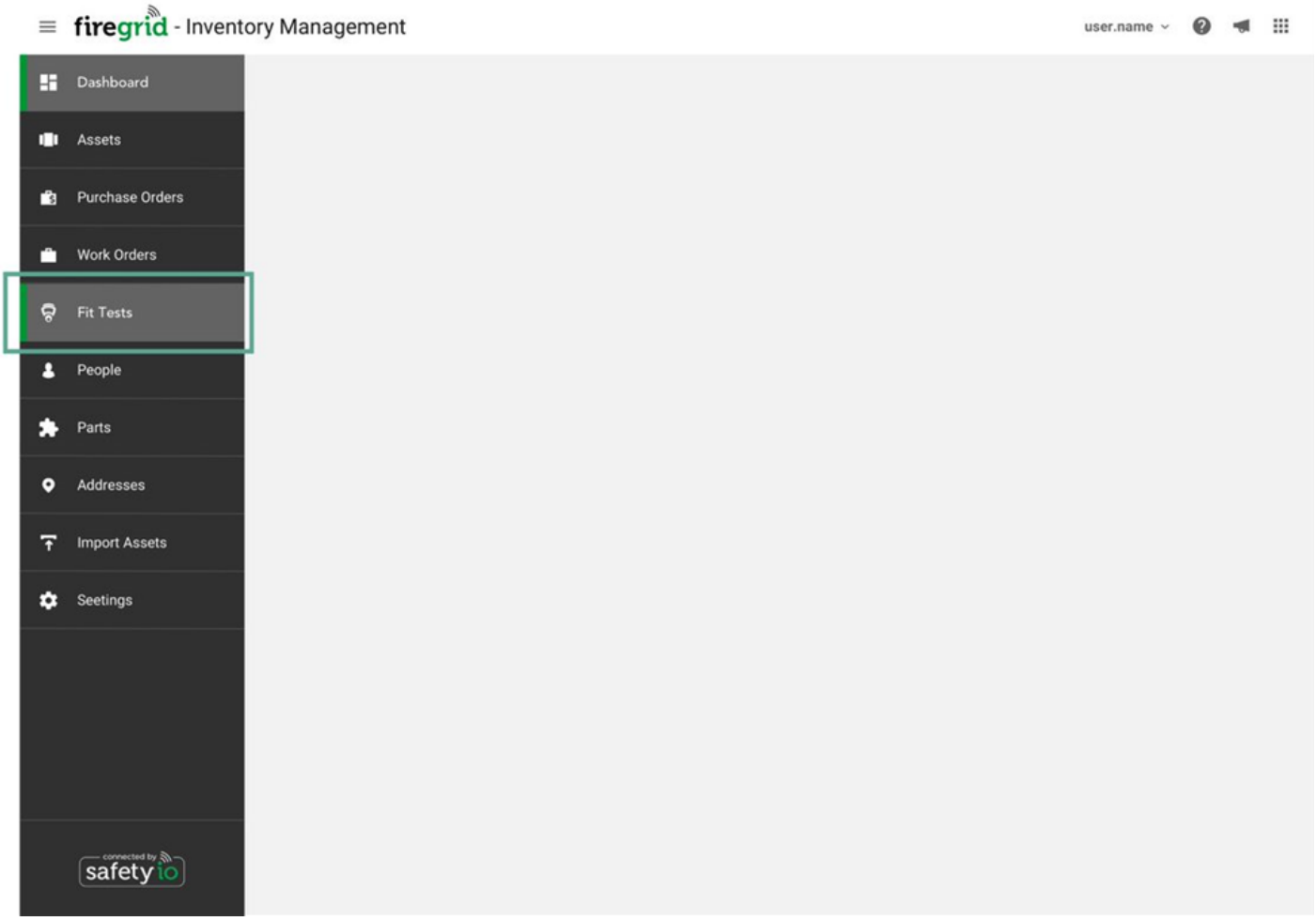
2. Select one of the following options:

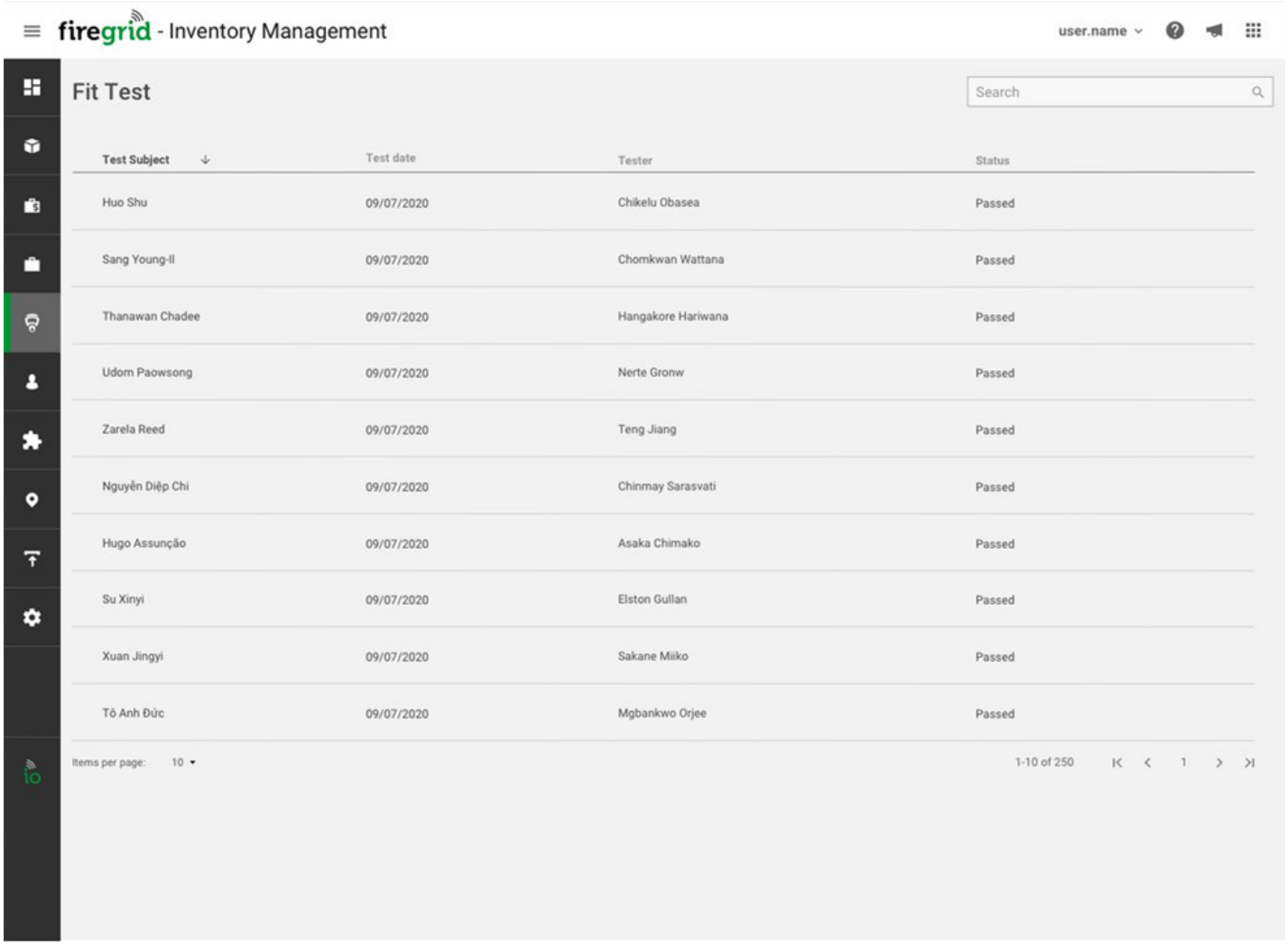
Download Work Order	Work order details are downloaded as a .pdf file.
Edit Work Order	Edit the work order information as needed and click **Save**.
View Asset	View and edit asset details as needed.



2.7.5 Fit Tests

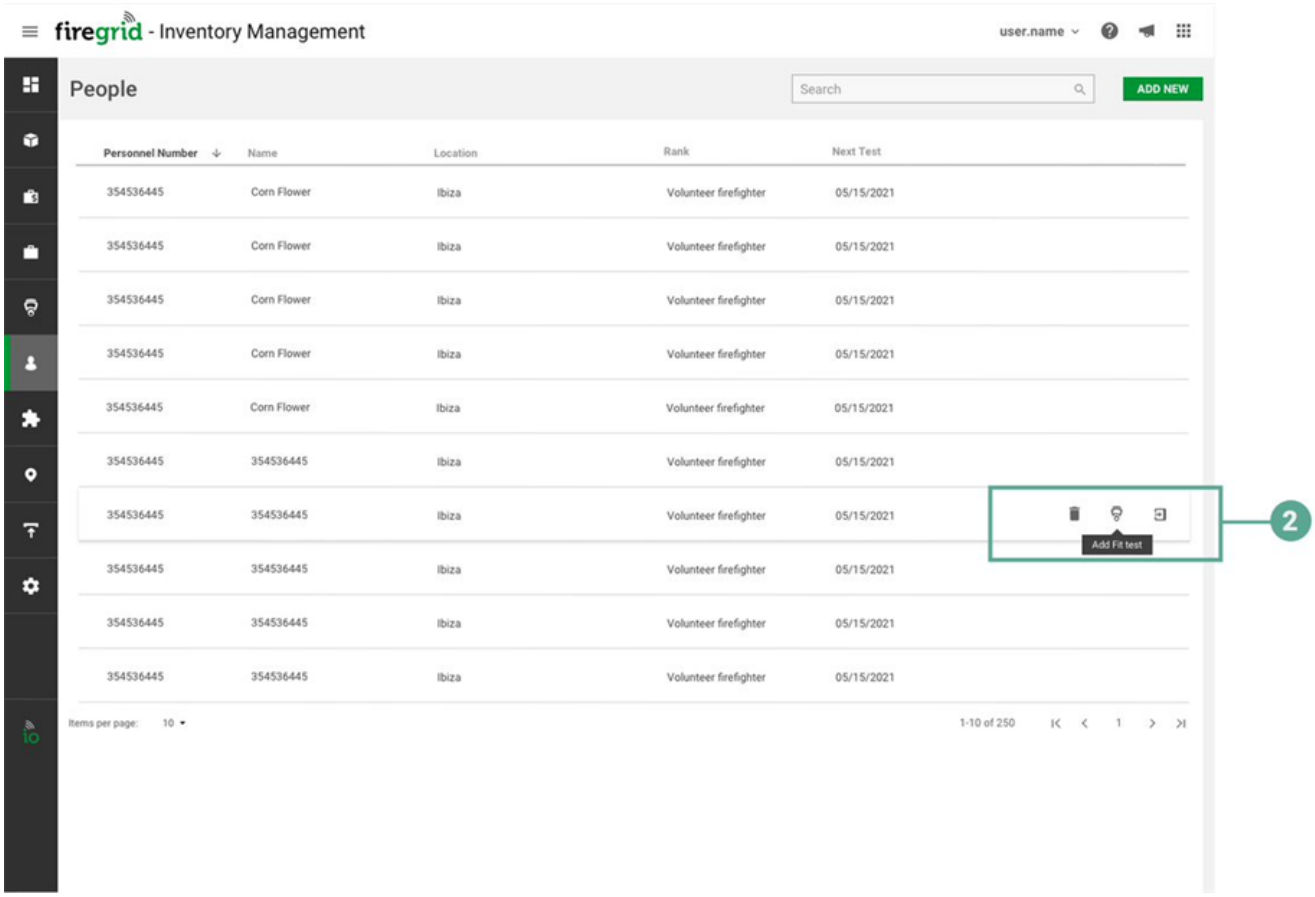
Fit tests can be added to enable the FireGrid user to compare fit test sizing to the size of assets in the system. To see a list of all fit tests, select **Fit Tests** from the main menu.



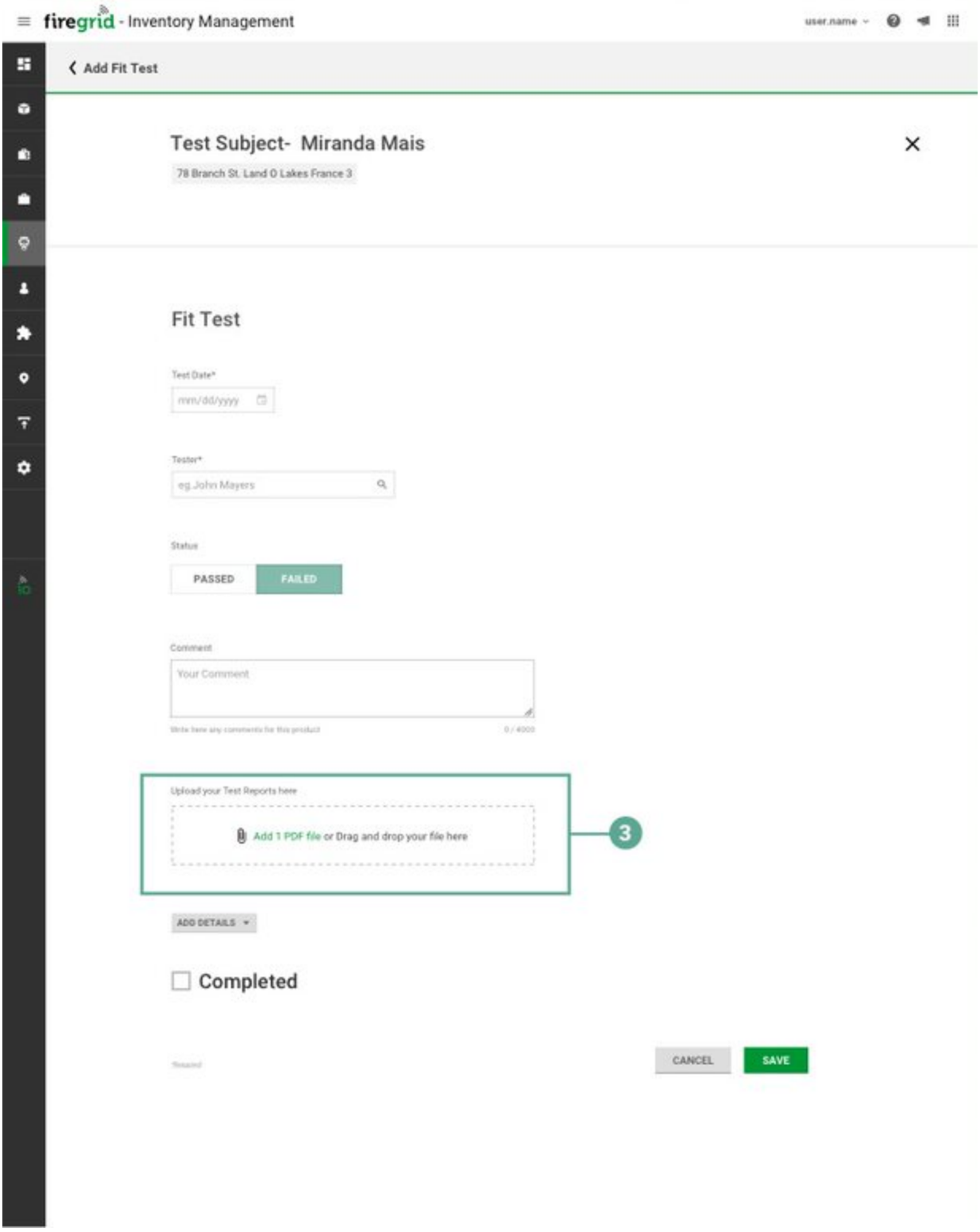

firegrid - Inventory Management
user.name
Fit Test
Search
Test Subject
Test date
Tester
Status
Huo Shu 09/07/2020 Chikelu Obasea Passed
Sang Young-Il 09/07/2020 Chomkwan Wattana Passed
Thanawan Chadee 09/07/2020 Hangakore Hariwana Passed
Udom Paowsong 09/07/2020 Nerte Gronw Passed
Zarela Reed 09/07/2020 Teng Jiang Passed
Nguyễn Diệp Chi 09/07/2020 Chinmay Sarasvati Passed
Hugo Assunção 09/07/2020 Asaka Chimako Passed
Su Xinyi 09/07/2020 Elston Gullan Passed
Xuan Jingyi 09/07/2020 Sakane Miiko Passed
Tô Anh Đức 09/07/2020 Mgbankwo Orjee Passed
Items per page: 10
1-10 of 250
1

Adding a Fit Test

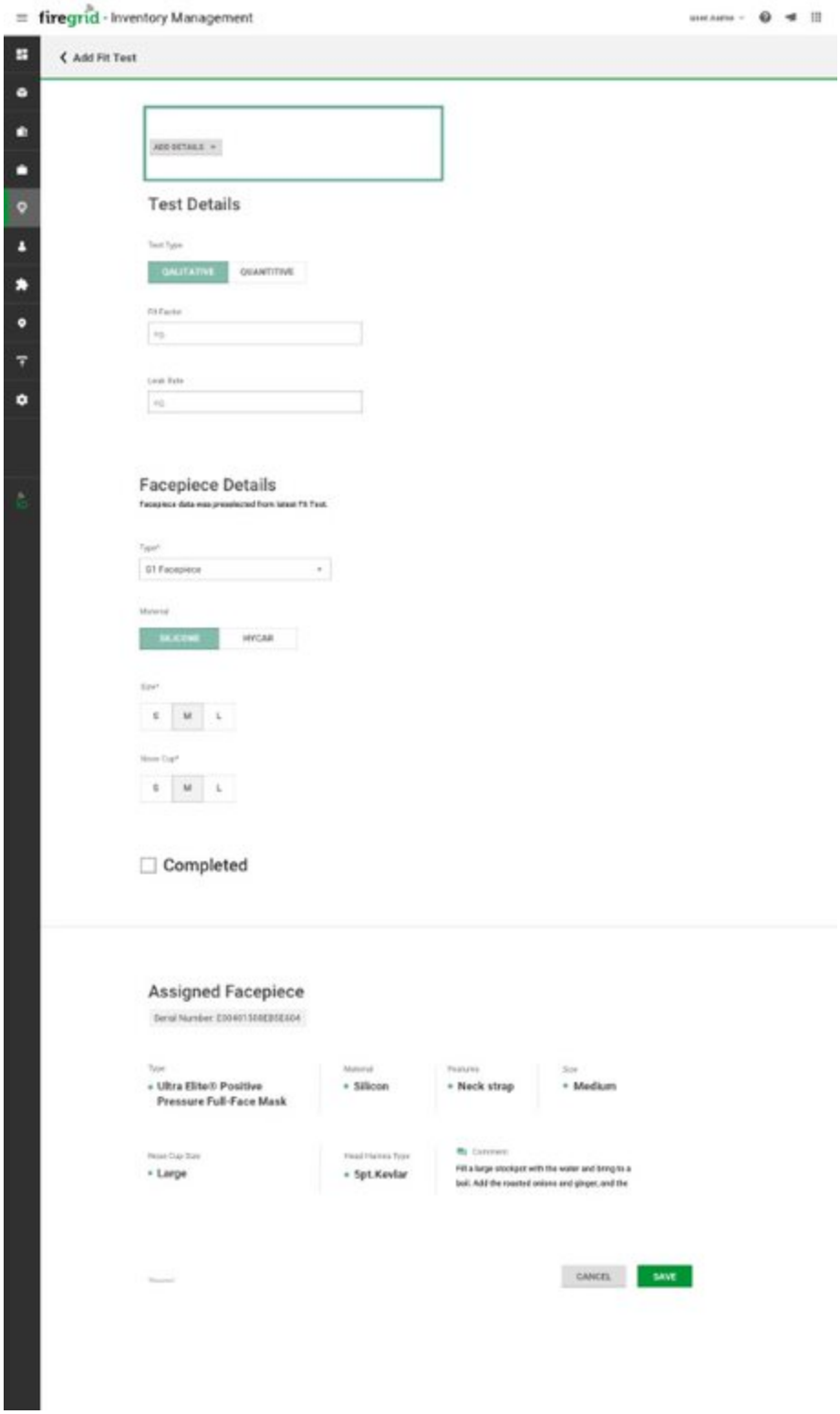
1. Go to the People page.
2. Click the vertical ellipsis icon in a person's row and select **Add Fit Test**.



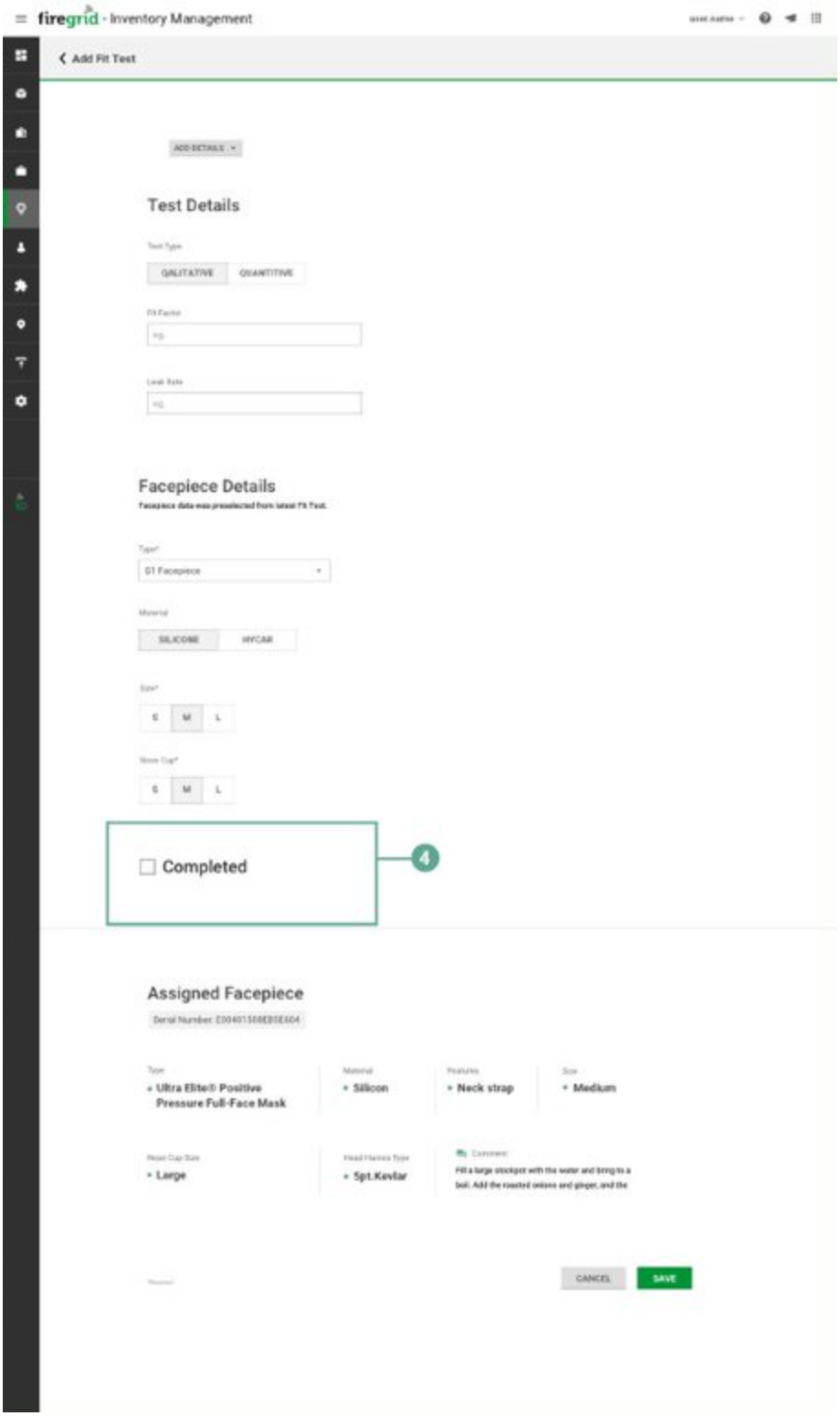
3. Enter the test information and add the test results from a PDF file or enter the results manually.
    a. To upload a PDF file, drag and drop the file in the area specified, or click the **Add 1 PDF file** link to select a report.

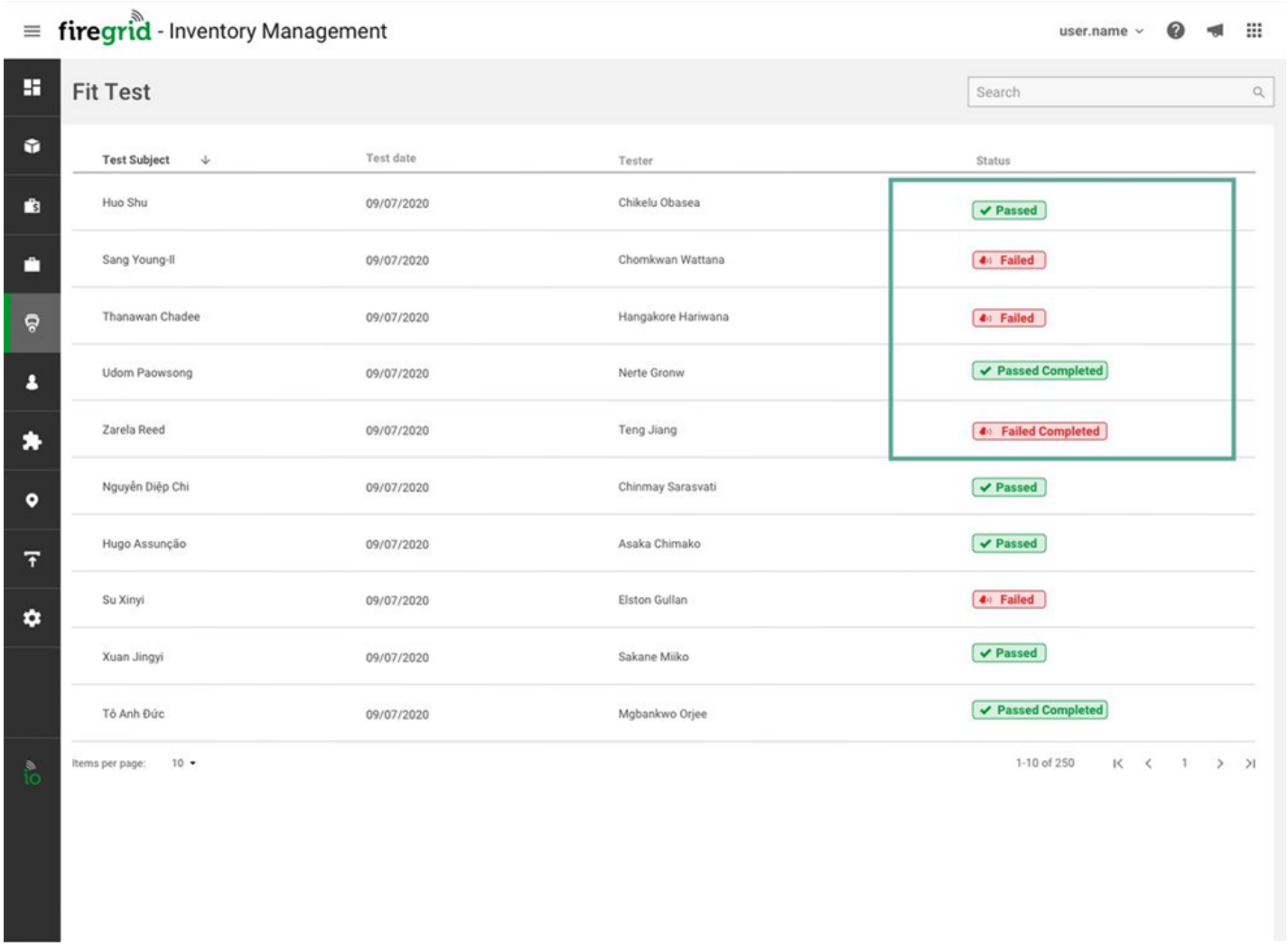


b. To add the results manually, click the **Add Details** button and enter the information.



4. Check the **Completed** check box if the test is complete and click **Save**. The status is updated on the **Fit Tests** page and the test will no longer be editable; however, a retest may be completed. If the test is saved without being marked as completed, the test can still be edited as needed.

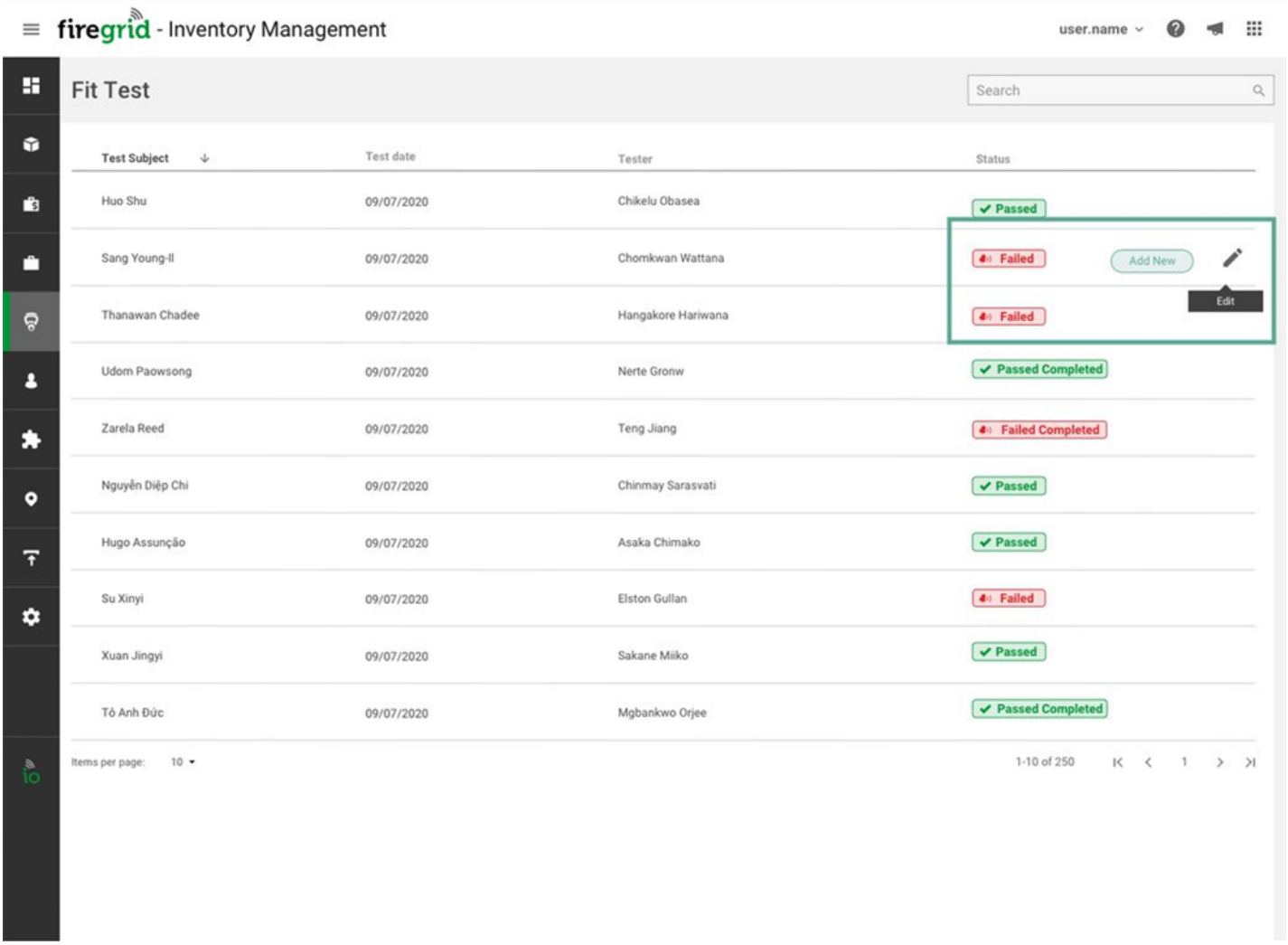




Managing Fit Tests

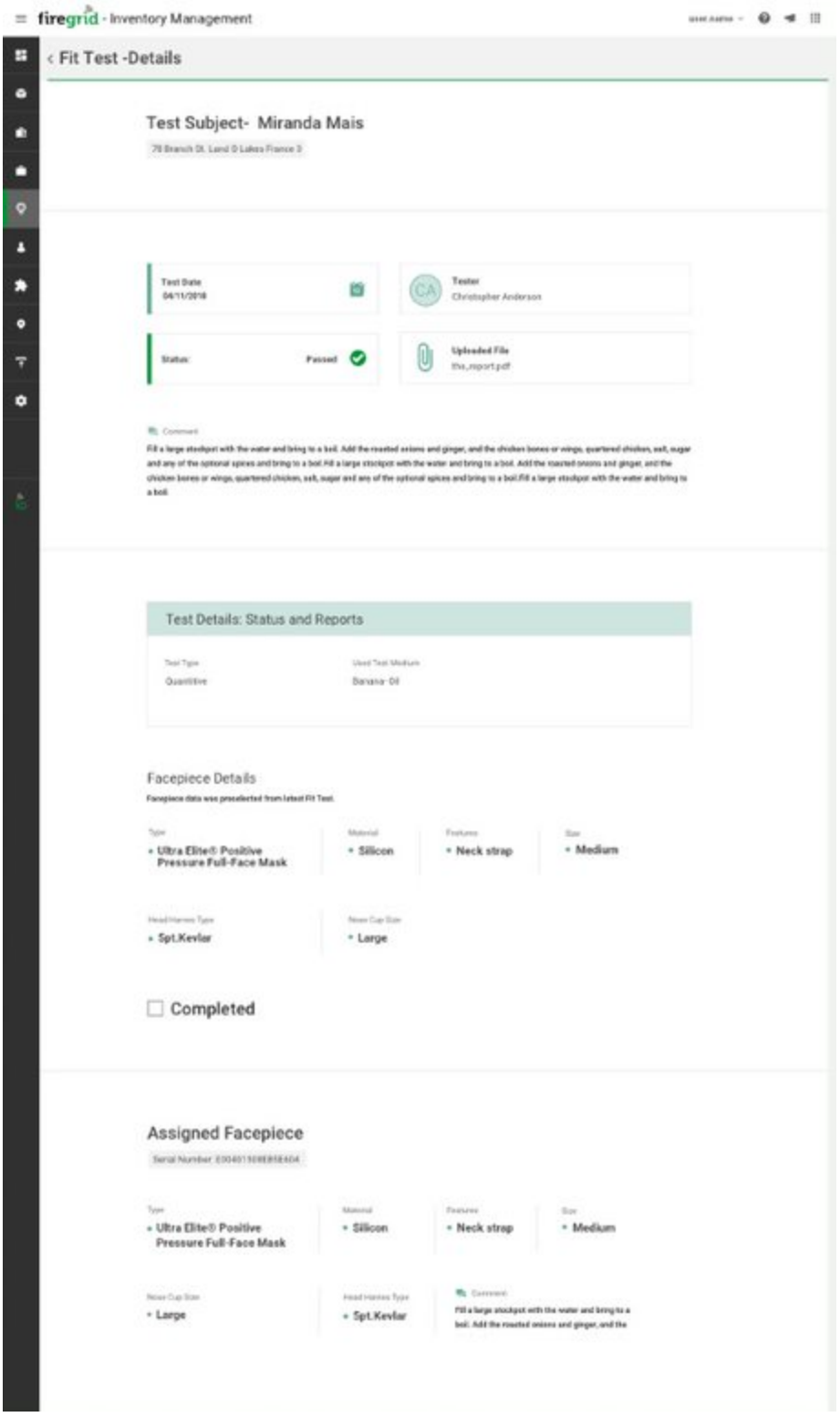
To manage information for a specific test subject, click the vertical ellipsis icon in the fit test's row and select one of the following options:

Edit Enter the test information, add the test results from a PDF file or enter the results manually, and click **Save**.



Retest Enter the test information and click **Save**. See Adding a Fit Test.

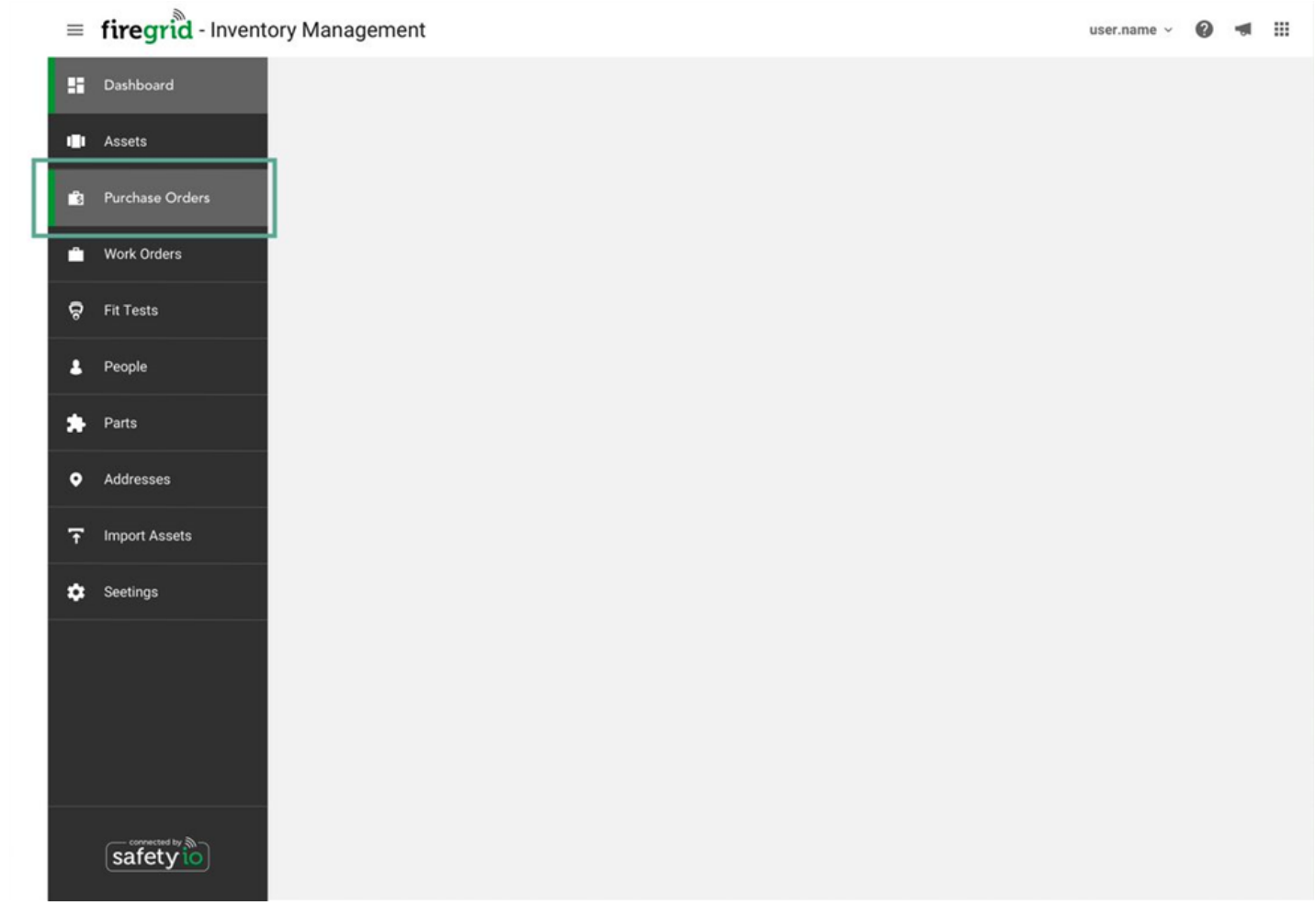
Details View the details and click the back arrow to return to the **Fit Tests** page.

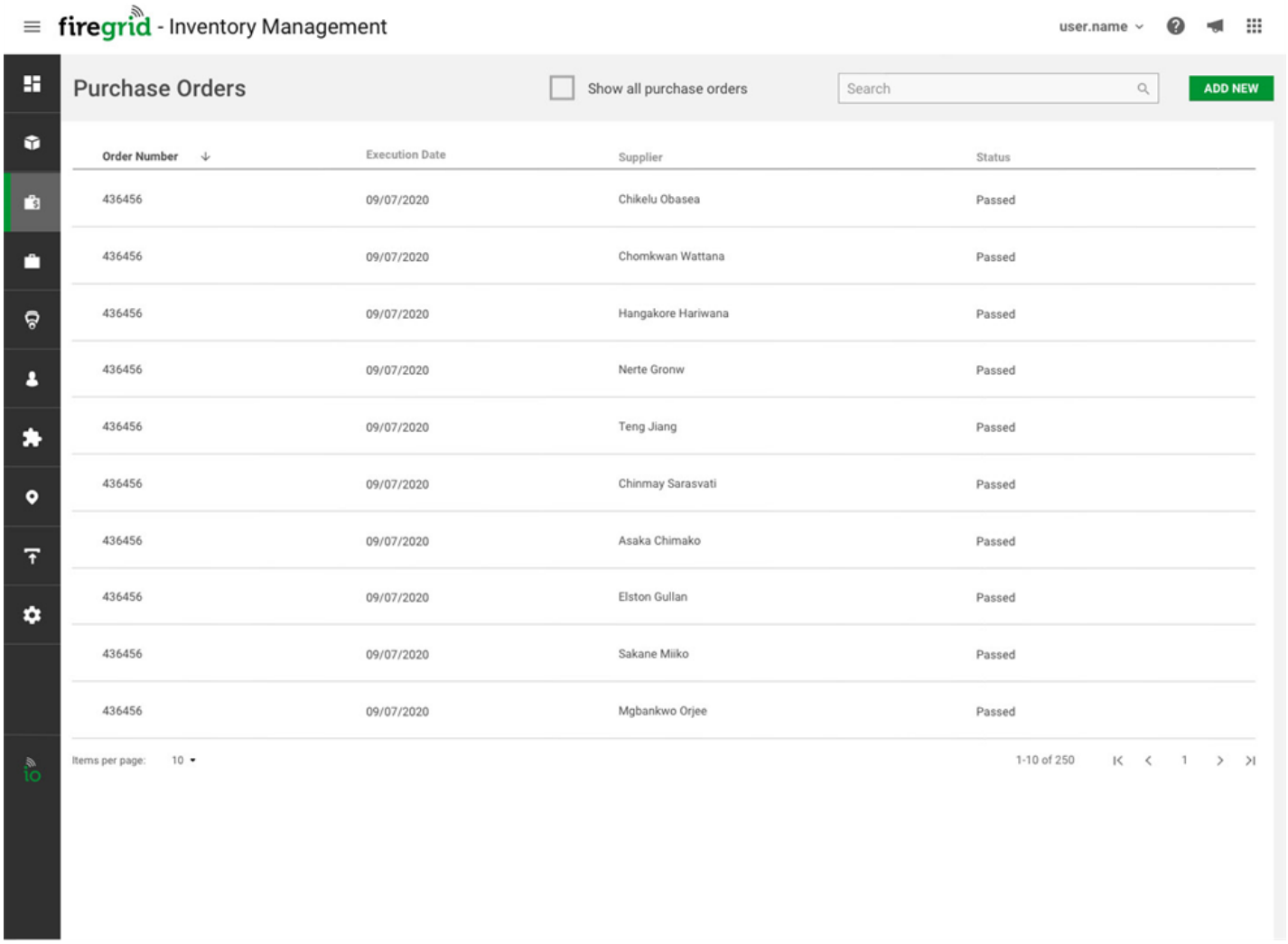

firegrid - Inventory Management
Fit Test -Details
Test Subject- Miranda Mais
Test Date
04/11/2018
Tester
Christopher Anderson
Status:
Passed
Uploaded File
Test Details: Status and Reports
Quantitive
Banana Oil
Facepiece Details
Ultra Elite® Positive Pressure Full-Face Mask
Silicon
Neck strap
Medium
Spt.Kevlar
Large
Completed
Assigned Facepiece
Ultra Elite® Positive Pressure Full-Face Mask
Silicon
Neck strap
Medium
Large
Spt.Kevlar

2.7.6 Purchase Orders

Each purchase order is listed on the **Purchase Orders** page. Purchase orders can be searched, added, edited or downloaded to a .pdf file for sharing or printing.

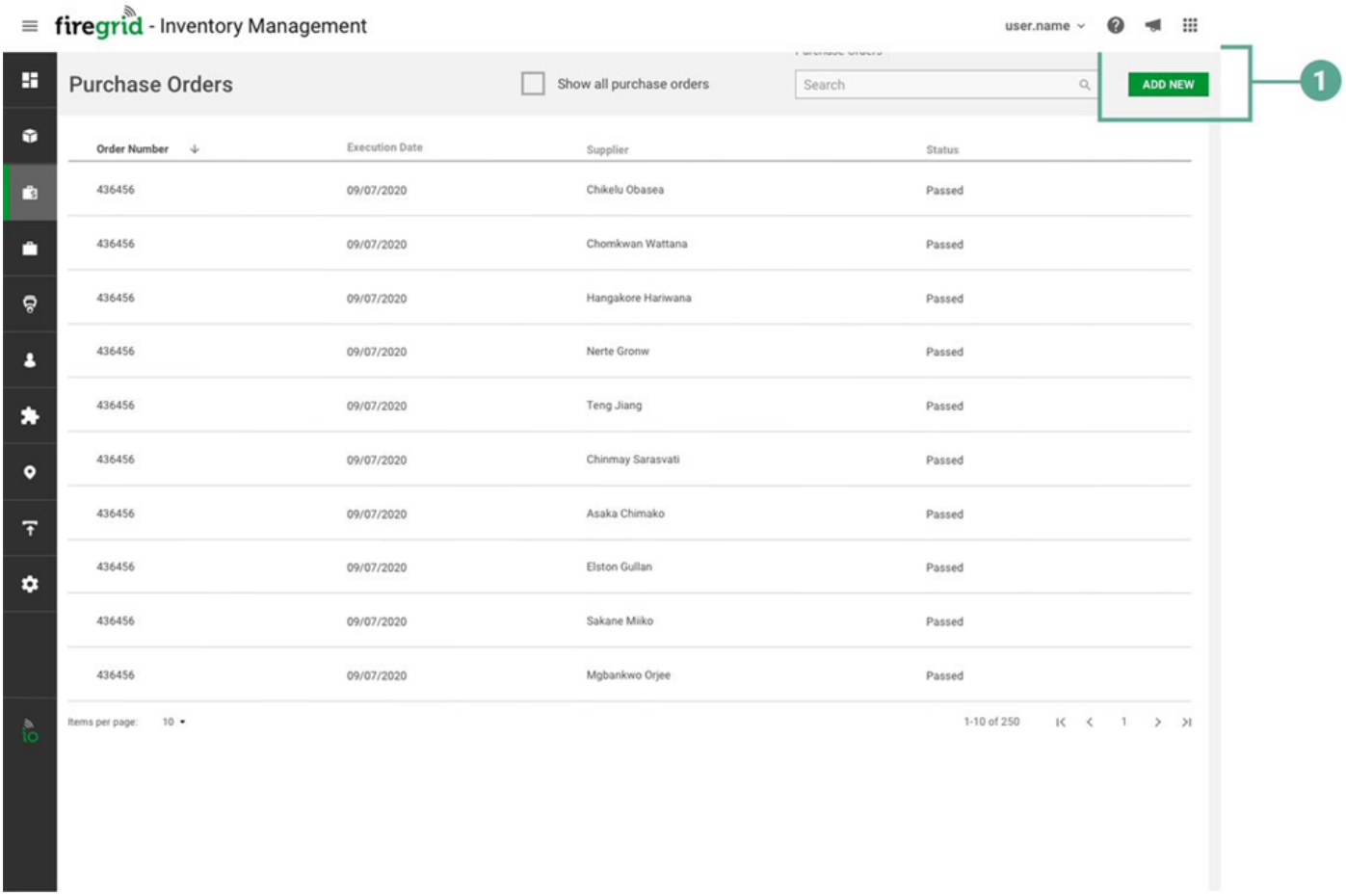
To open the **Purchase Orders** page, select **Purchase Orders** from the main menu.




firegrid - Inventory Management
user.name
Purchase Orders
Show all purchase orders
Search
ADD NEW
Order Number
Execution Date
Supplier
Status
436456 09/07/2020 Chikelu Obasea Passed
436456 09/07/2020 Chomkwan Wattana Passed
436456 09/07/2020 Hangakore Hariwana Passed
436456 09/07/2020 Nerte Gronw Passed
436456 09/07/2020 Teng Jiang Passed
436456 09/07/2020 Chinmay Sarasvati Passed
436456 09/07/2020 Asaka Chimako Passed
436456 09/07/2020 Elston Gullan Passed
436456 09/07/2020 Sakane Miiko Passed
436456 09/07/2020 Mgbankwo Orjee Passed
Items per page: 10
1-10 of 250
1

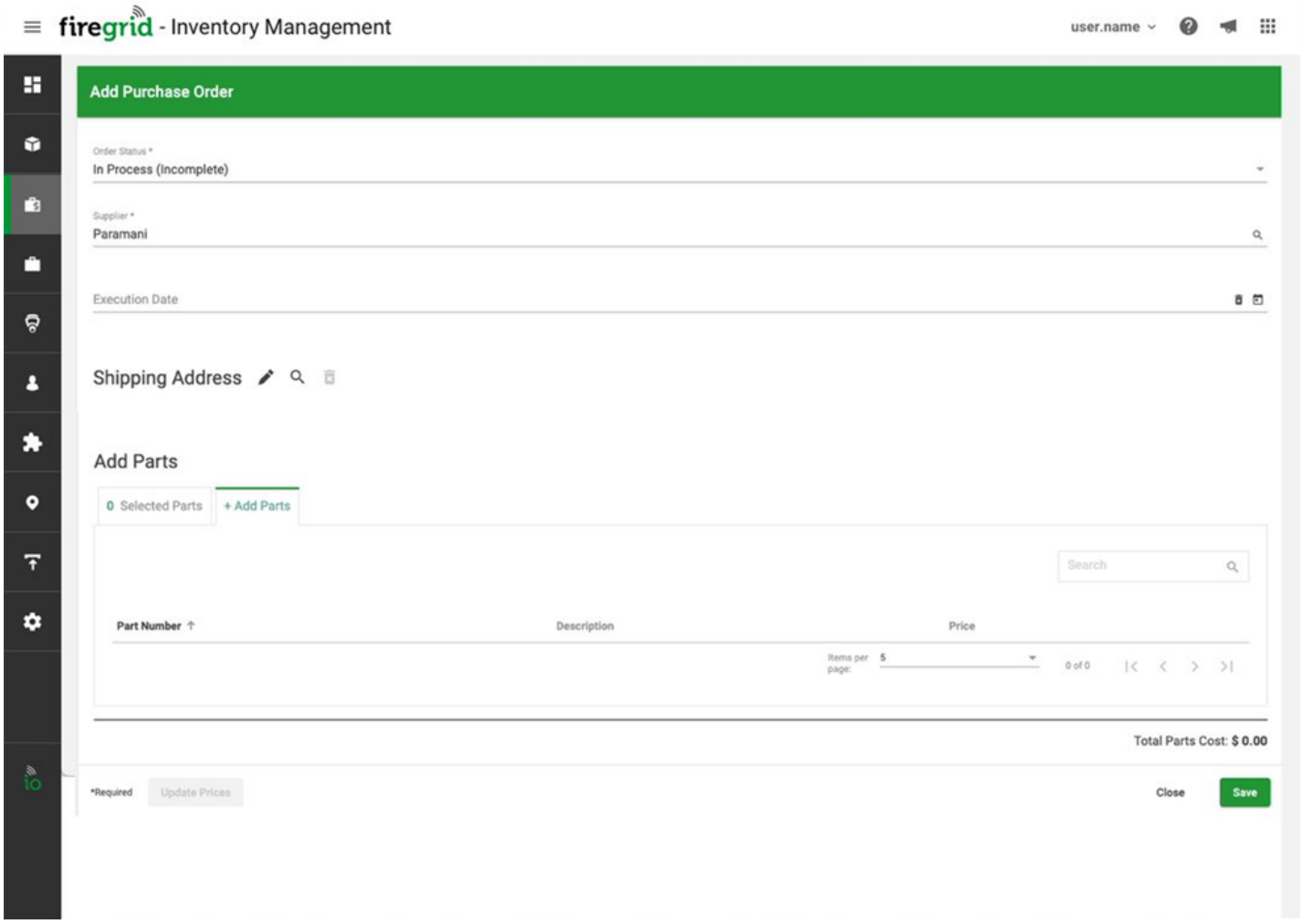
Adding a Purchase Order

1. On the **Purchase Orders** page, click the **Add** icon.



2. Enter the purchase order information:

Order Status (required)	Set to **In Process (Incomplete)**, **Canceled**, or **Completed**. Once set to **Completed**, all parts added to the purchase order are added to the stock count.
Supplier (required)	Only supplier addresses that have been added to FireGrid Inventory are available to select here. See Adding Addresses to add a supplier address.
Execution Date	Click the **Calendar** icon and select a date.
Shipping Address	Click the **Edit** icon to add an address, or click the **Search** icon to select from addresses within FireGrid Inventory.
Add Parts	Click the part number drop-down arrow and click **Add Part**.



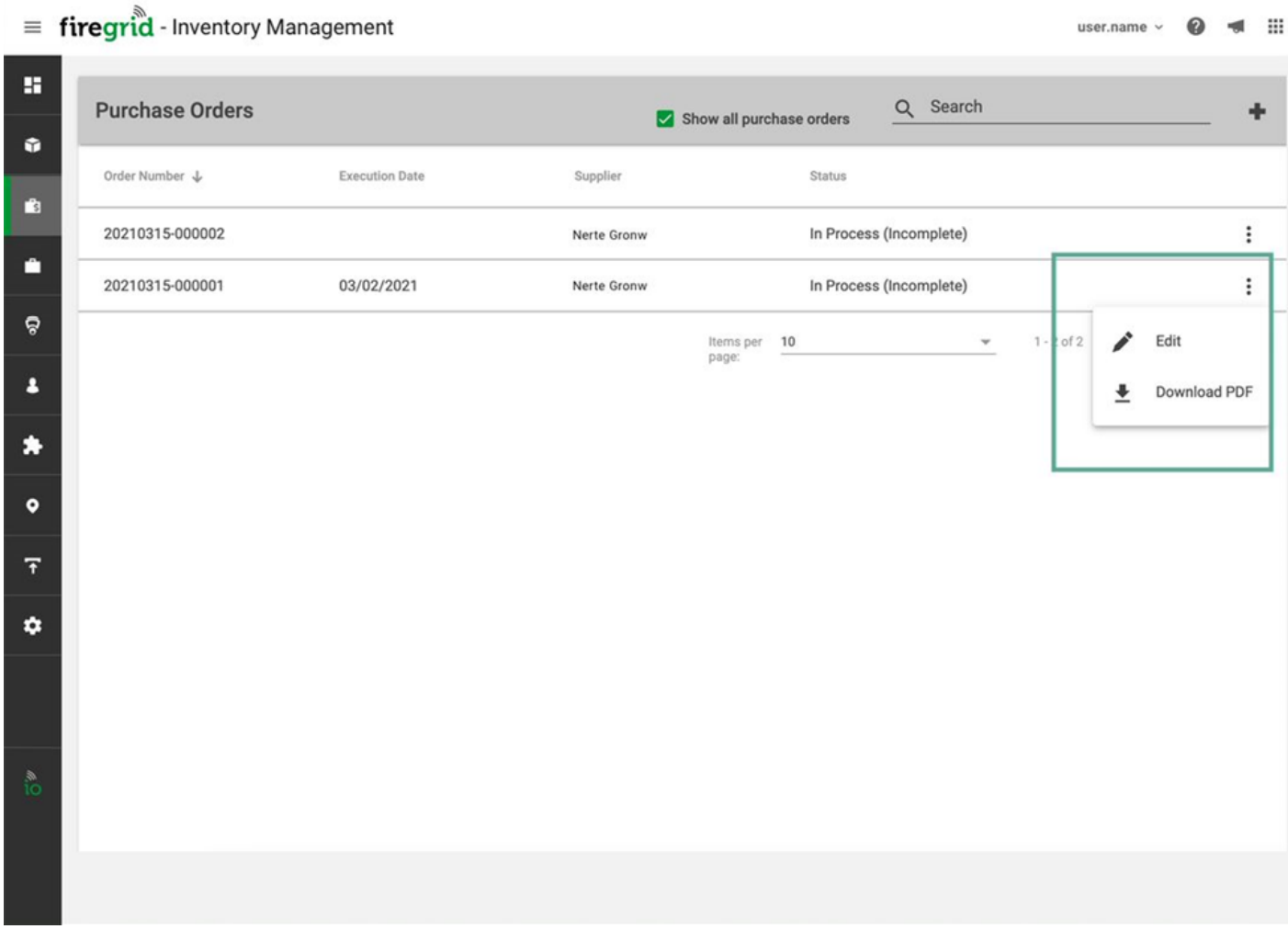
3. Click **Save**.

Managing Purchase Orders

By default, only open purchase orders in FireGrid Inventory are shown on the **Purchase Orders** page. To view all purchase orders, select **Show all purchase orders** at the top of the page.

To manage a specific purchase order, click the vertical ellipsis icon in the purchase order's row and select one of the following options:

Edit Edit the purchase order information as needed and click **Save**.

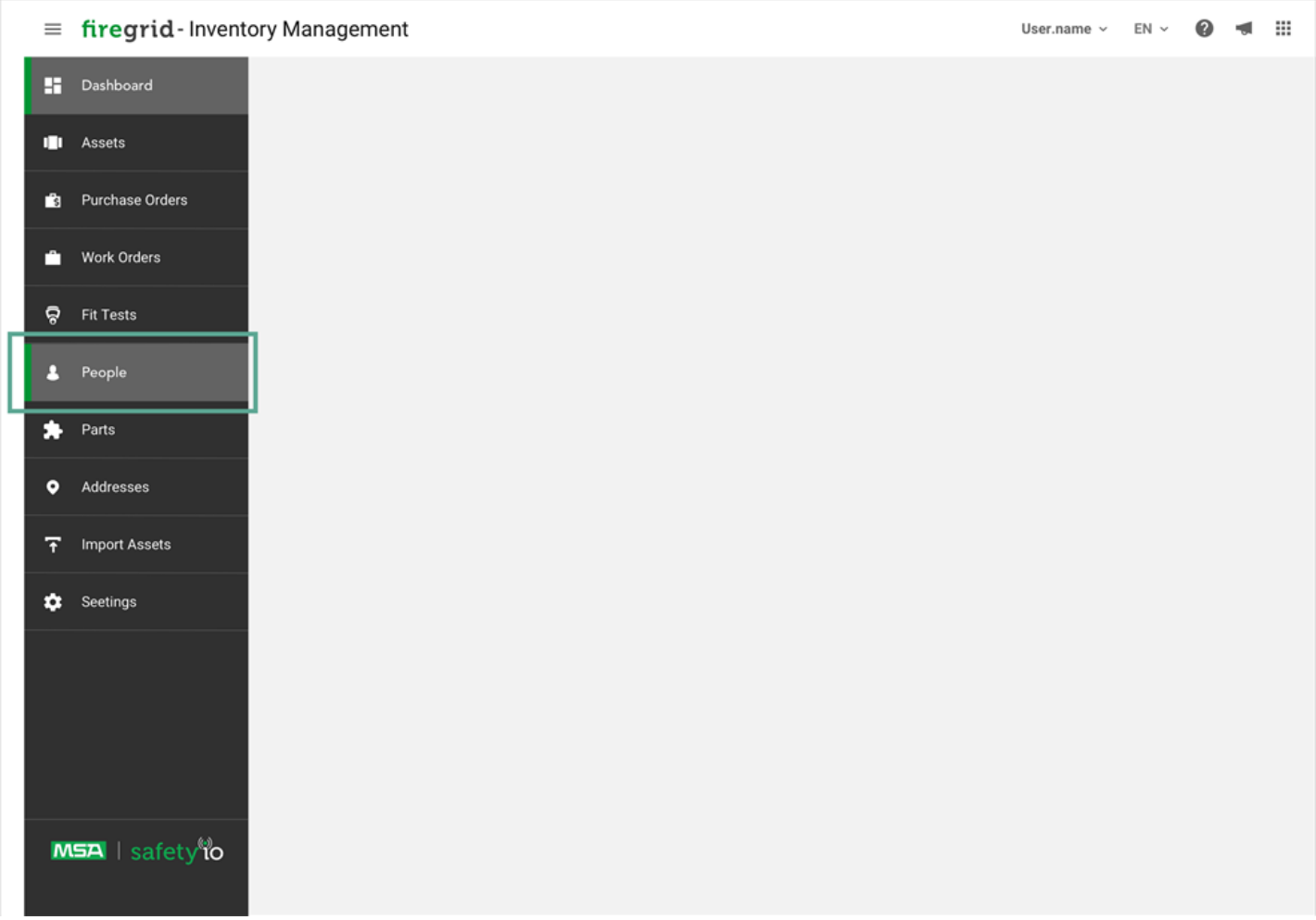


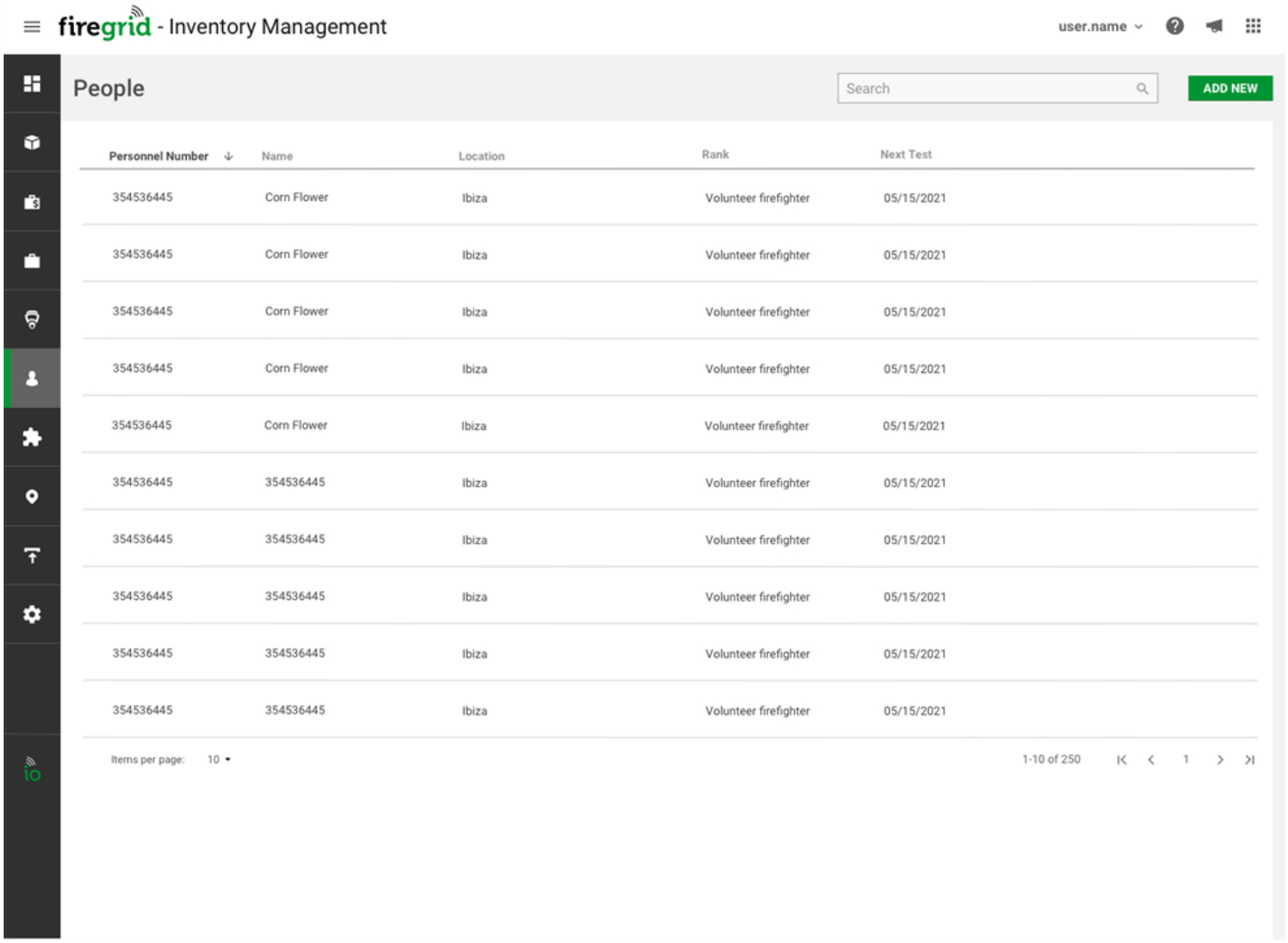
Download PDF Purchase order details are downloaded as a .pdf file.

2.7.7 People

Details for each person, including the next fit test date, appear on the **People** page. People can be added or removed, additional details can be viewed or edited, and fit tests can be added.

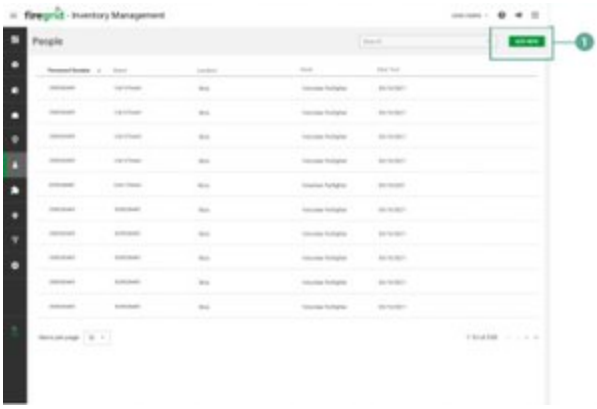
To open the **People** page, select **People** from the main menu.



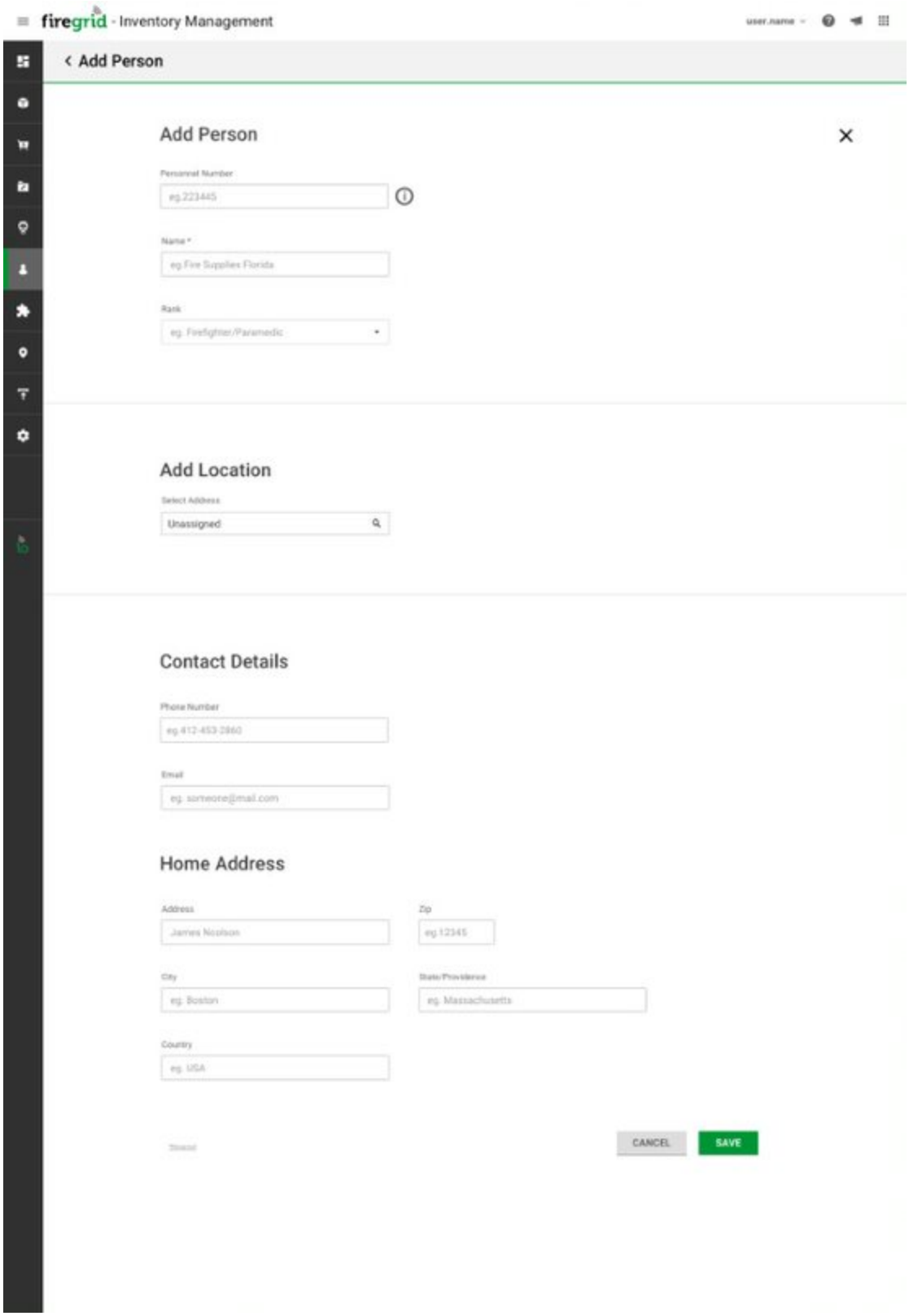


Adding a Person

1. On the **People** page, click the **Add** icon.



2. Enter information for the person.



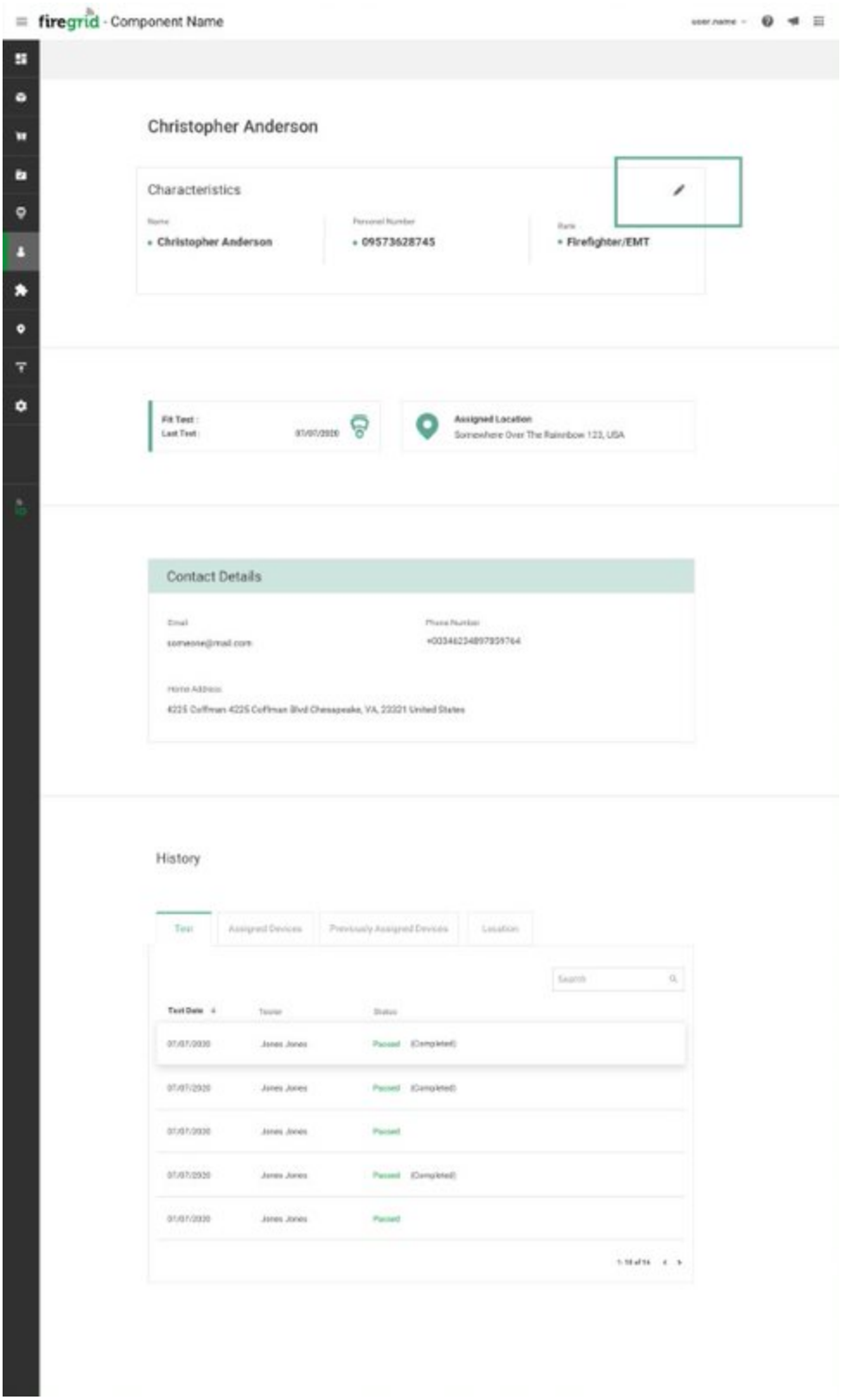
3. Click **Save**.

Managing People

To manage information for a specific person, click the vertical ellipsis icon in the person's row and select one of the following options:

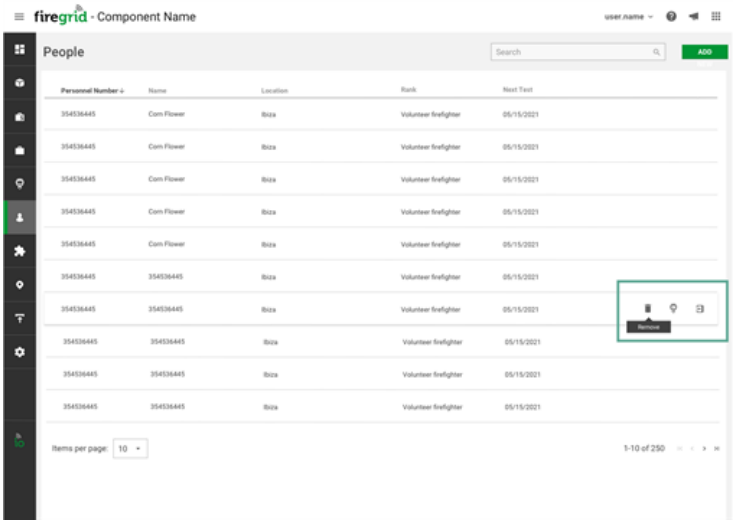
Edit the person's information as needed and click **Save**.

Edit



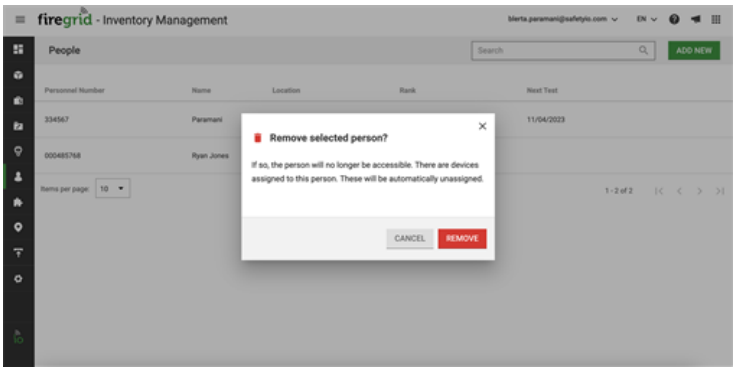
Add Fit Test Enter the test information and click **Save**. See Adding a Fit Test.

Details View details about the person, or add a location or fit test by click the **Add** icon.



Click **OK** to remove the selected person.

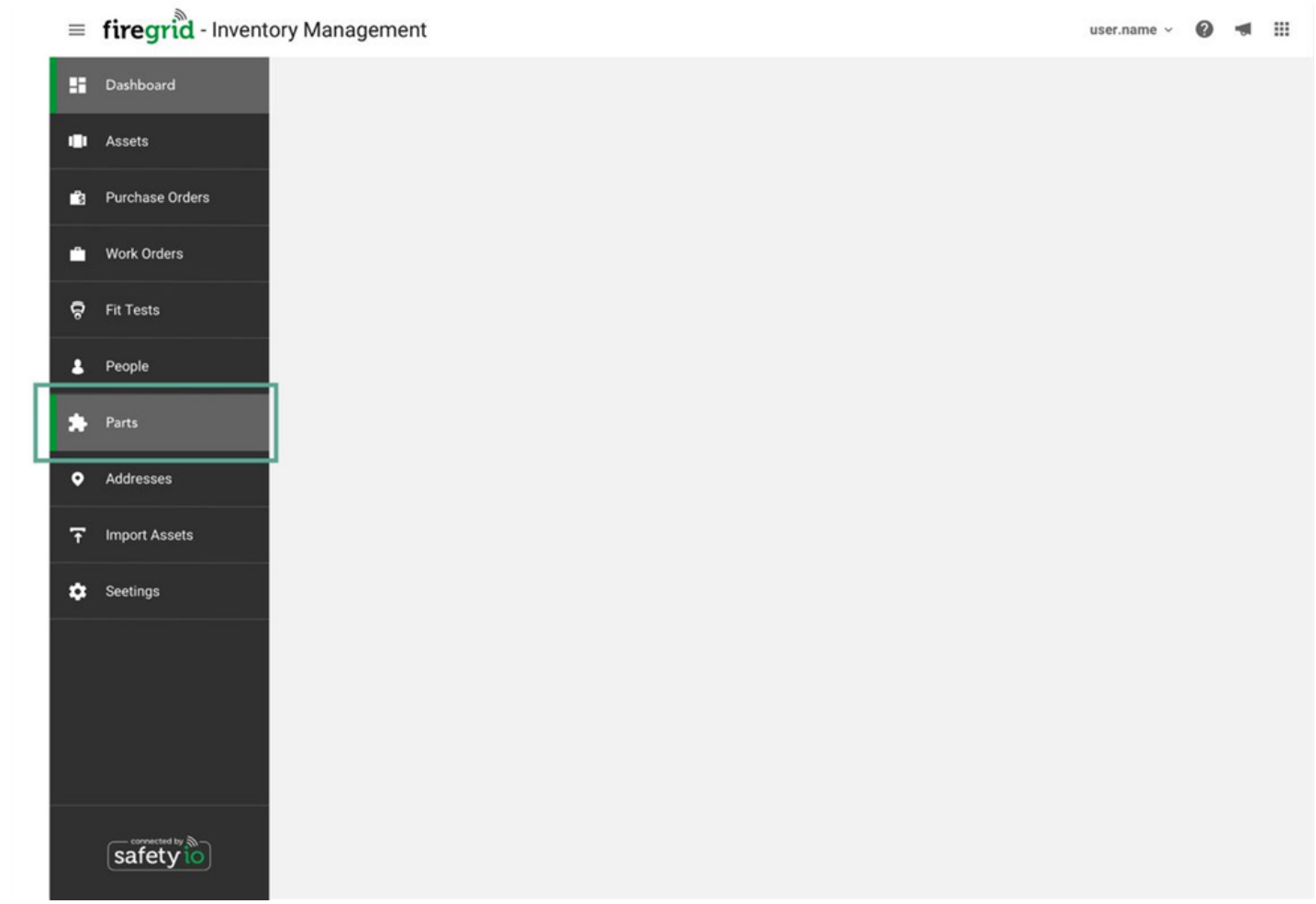
Remove

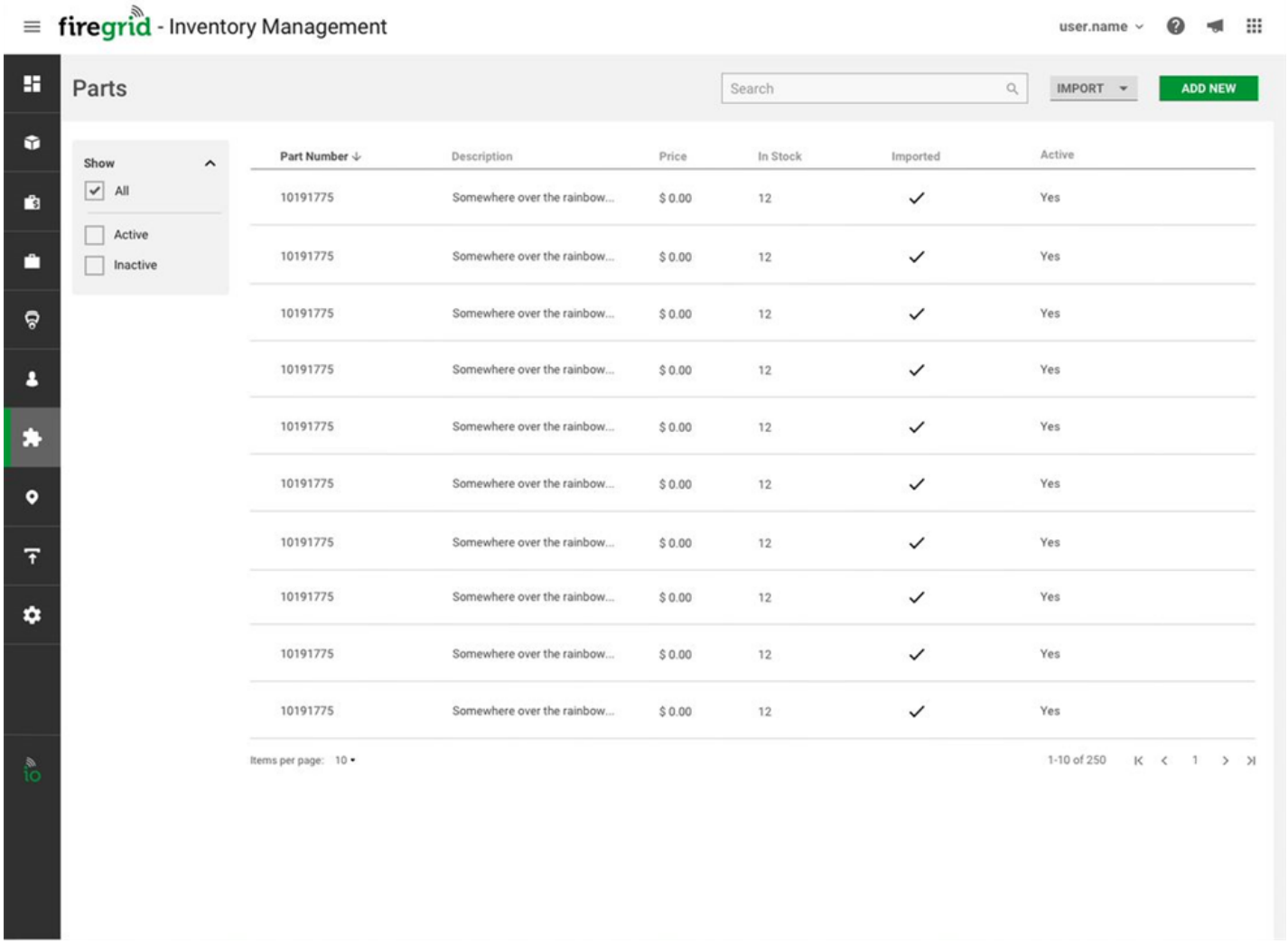


2.7.8 Parts

Each part is listed on the **Parts** page. Parts can be filtered, searched, imported, and new parts can be added. Once a part is added to FireGrid Inventory, it can be added to purchase orders and work orders.

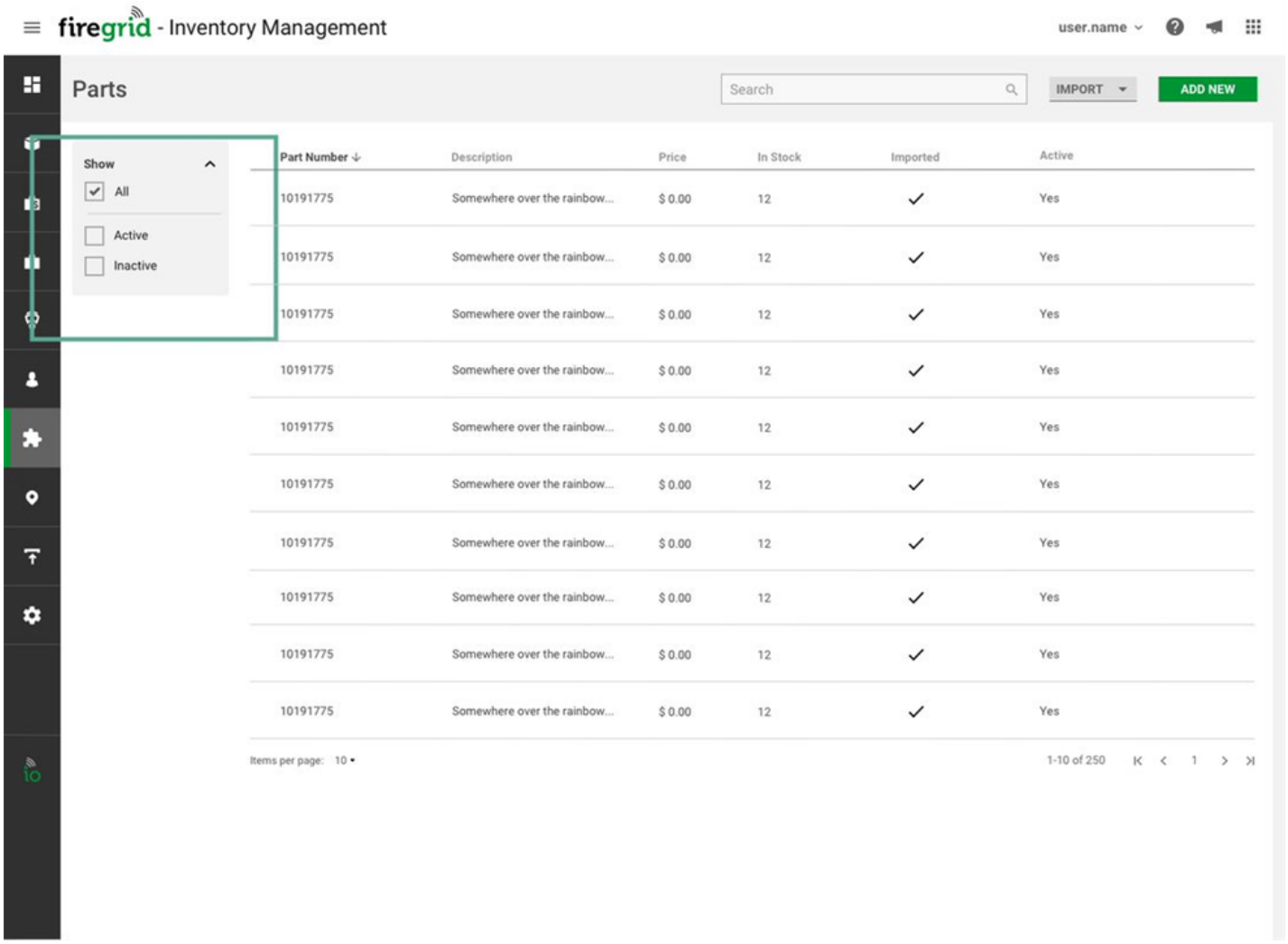
To open the **Parts** page, select **Parts** from the main menu.




firegrid - Inventory Management
user.name
Parts
Search
IMPORT
ADD NEW
Show
All
Active
Inactive
Part Number
Description
Price
In Stock
Imported
Active
10191775
Somewhere over the rainbow...
$ 0.00
12
Yes
Items per page: 10
1-10 of 250
1

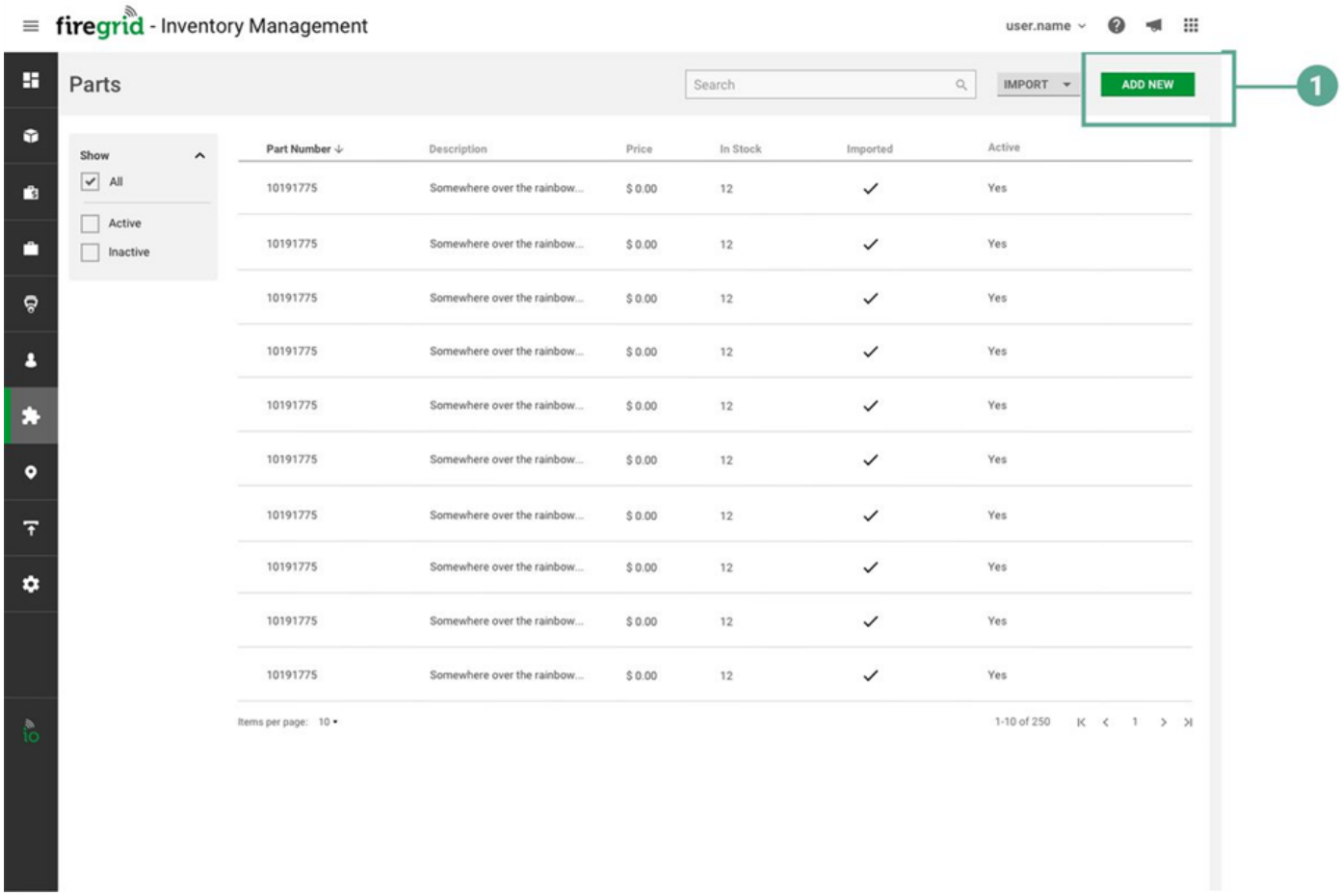
Filtering Parts

In the **Status** window, select the status type on which to filter. Only parts of the selected status type appear in the list.

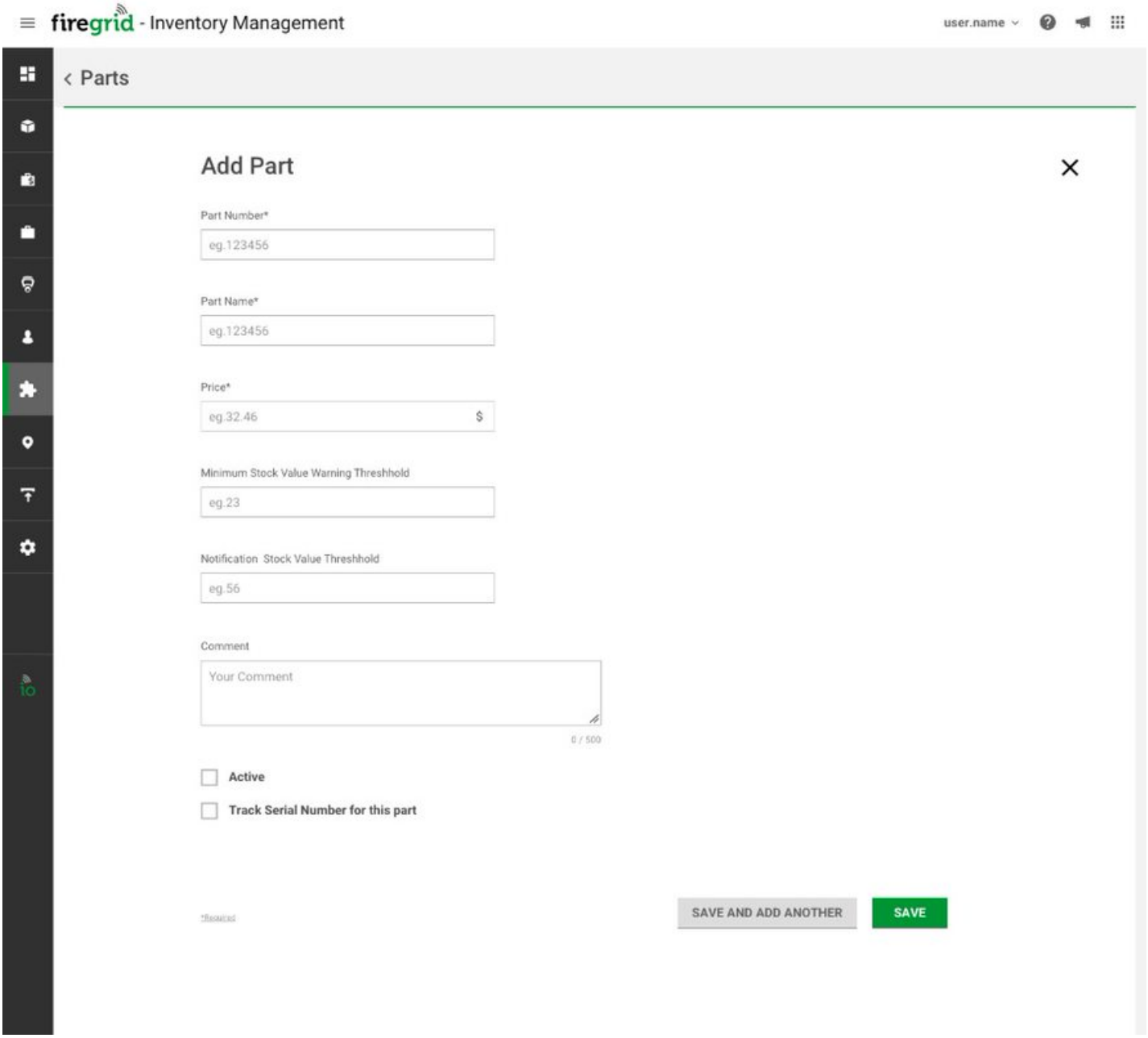


Adding Parts

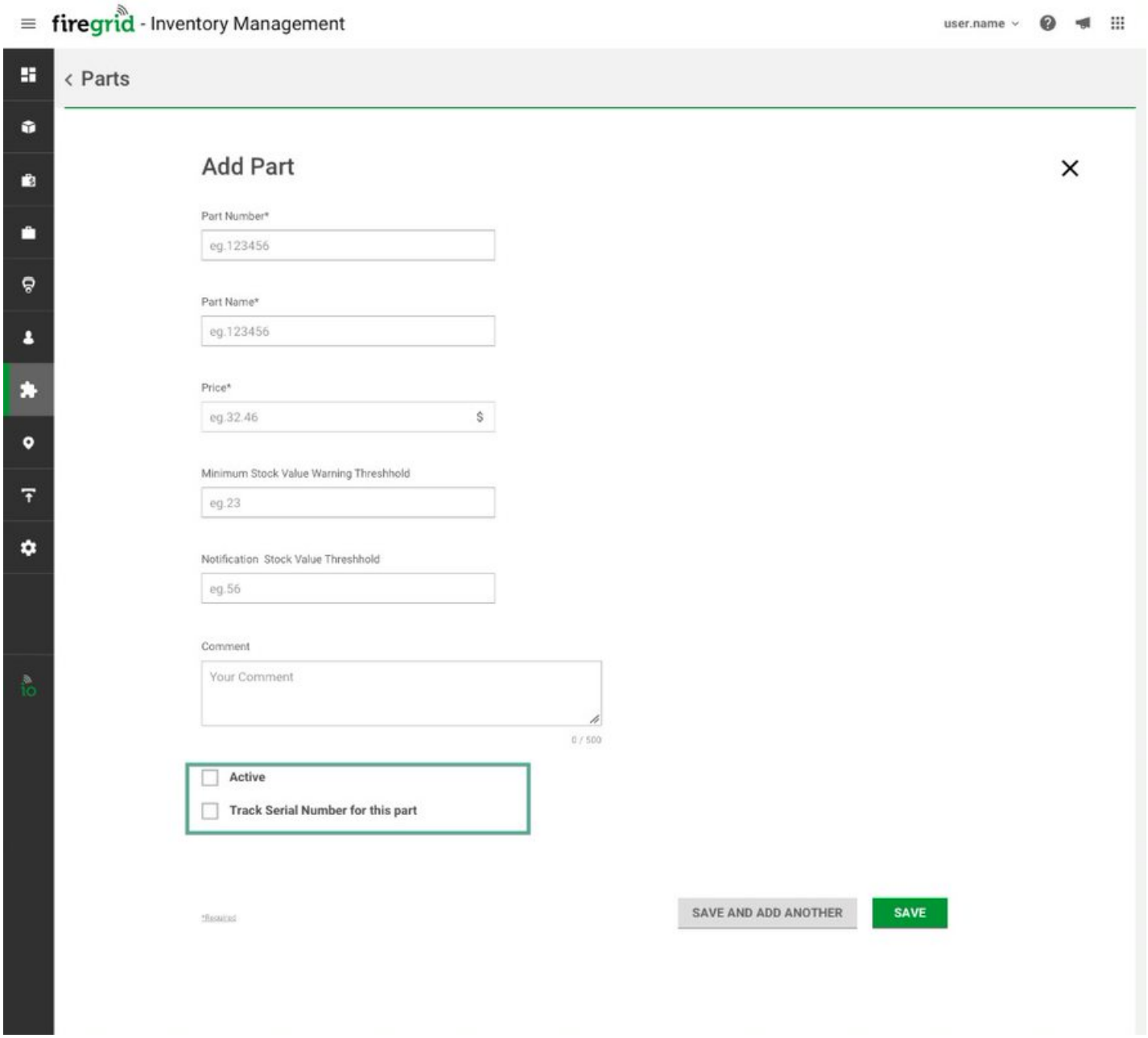
1. On the **Parts** page, click the **Add New** button.



2. Enter the required information and, if desired, any optional information.



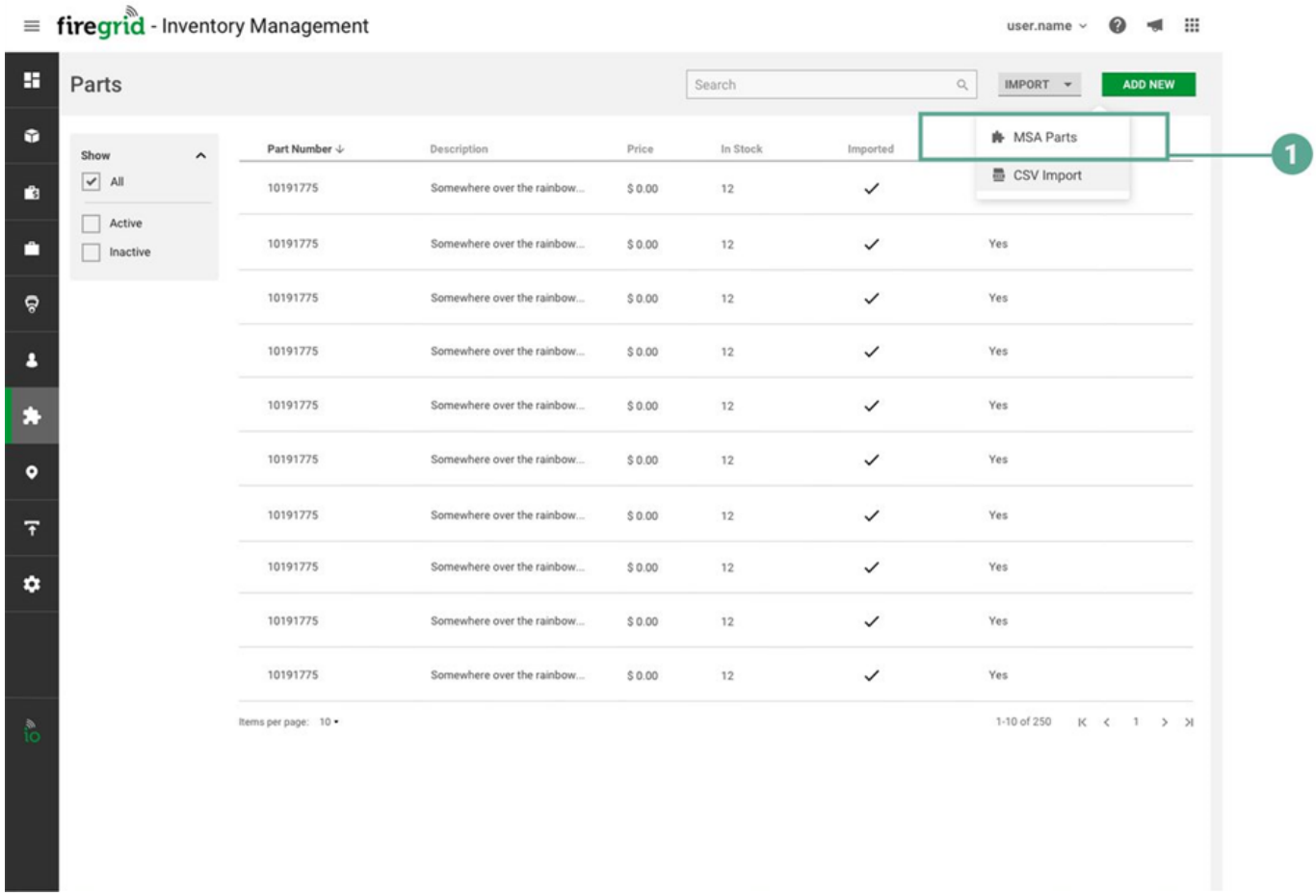
3. Deselect the **Active** checkbox if the part should not yet be available for selection in other areas of the application.
4. Select the checkbox if you want to track the parts with serial numbers.



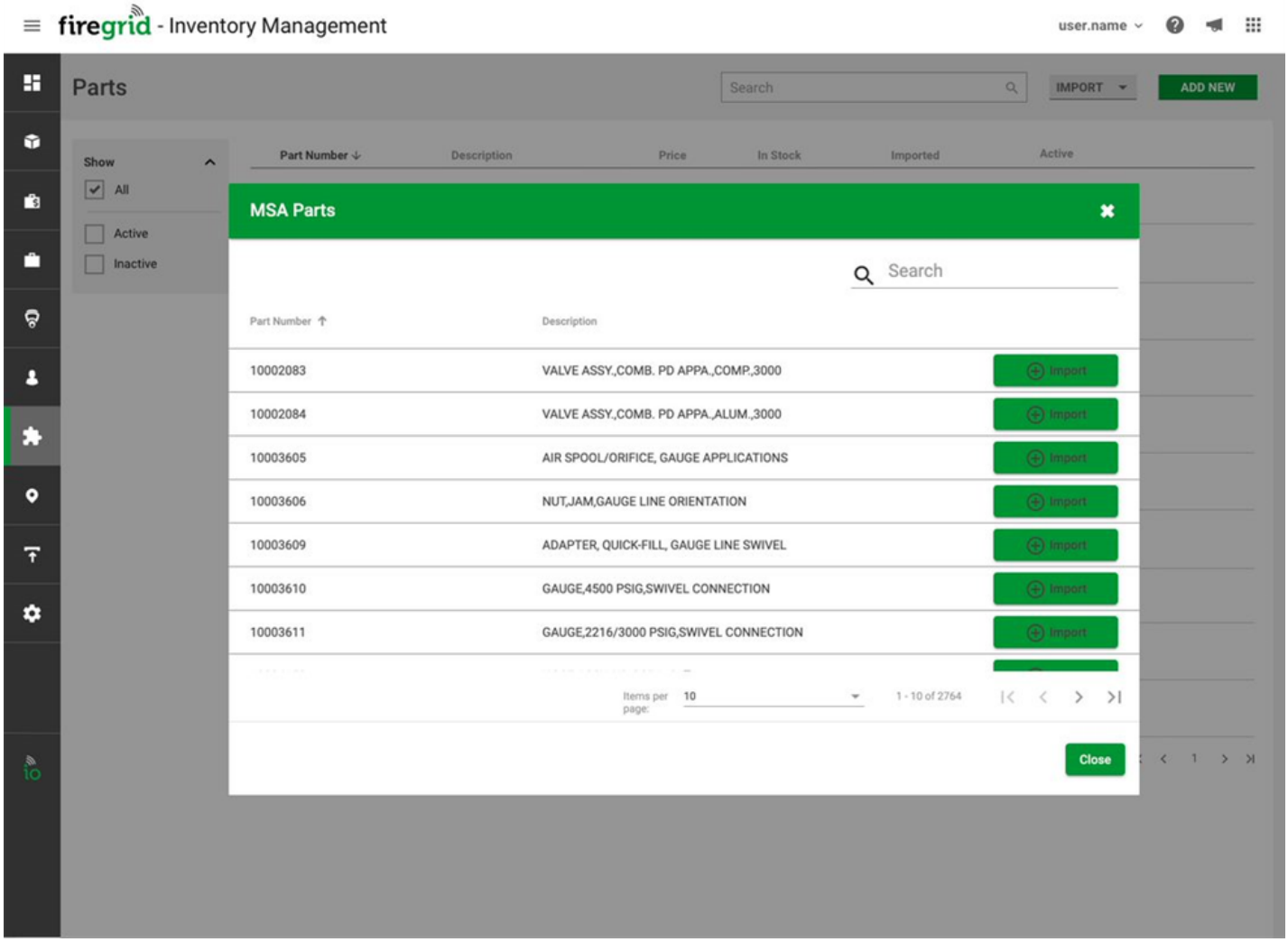
5. Click **Save** to return to the **Parts** page, or click **Save and Add Another** to add another part.

Importing Parts

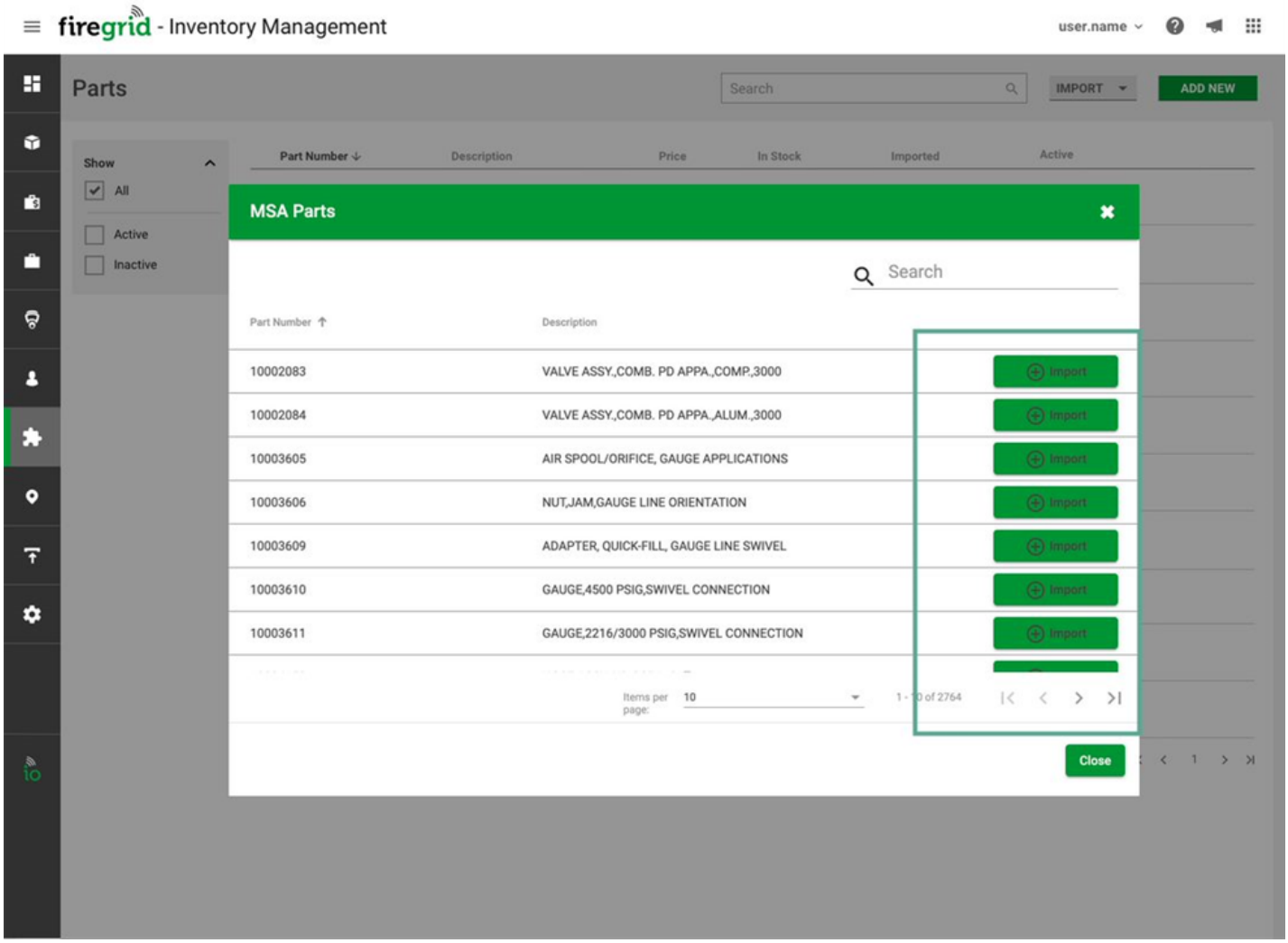
1. On the **Parts** page, click the **Import** button and select **MSA Parts**.



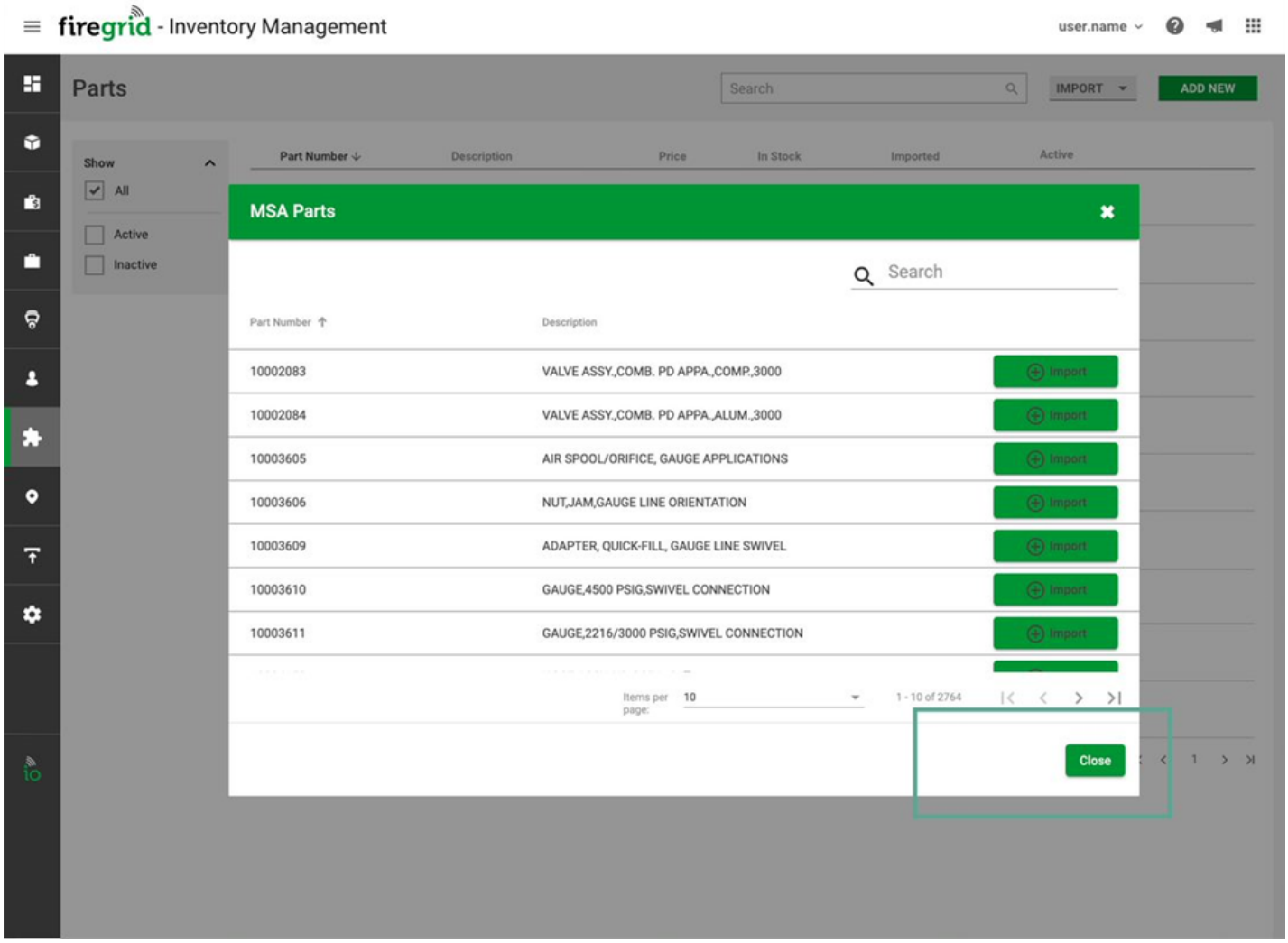
2. Enter a part number, part name, or description in the **Search** area at the top of window to search for a part.



3. Click the **Import** button next to the part.

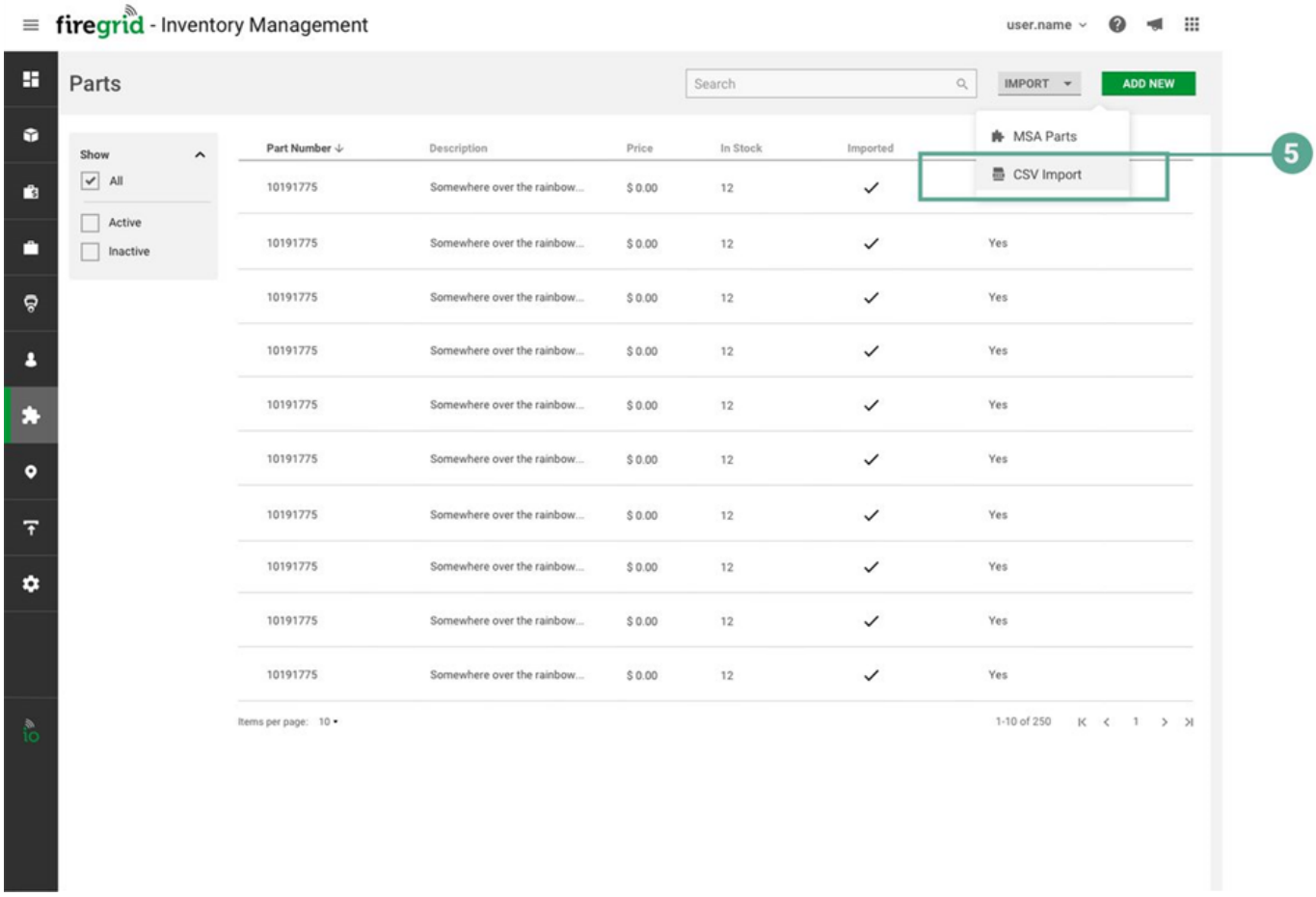


4. Click **Close** to return to the **Parts** page.



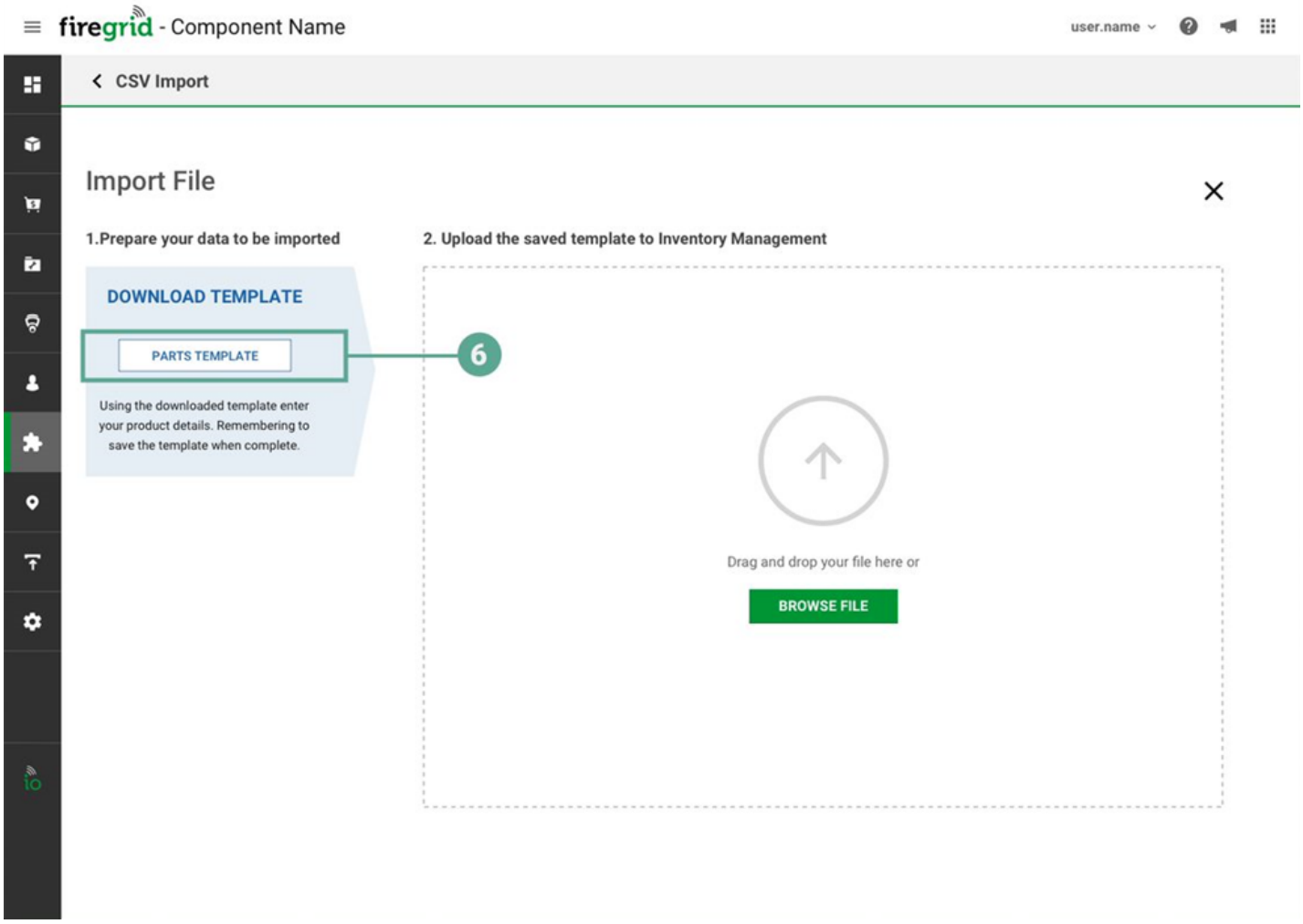
Importing Parts with a CSV File

1. On the **Parts** page, click the **Import** button and select **CSV Import**

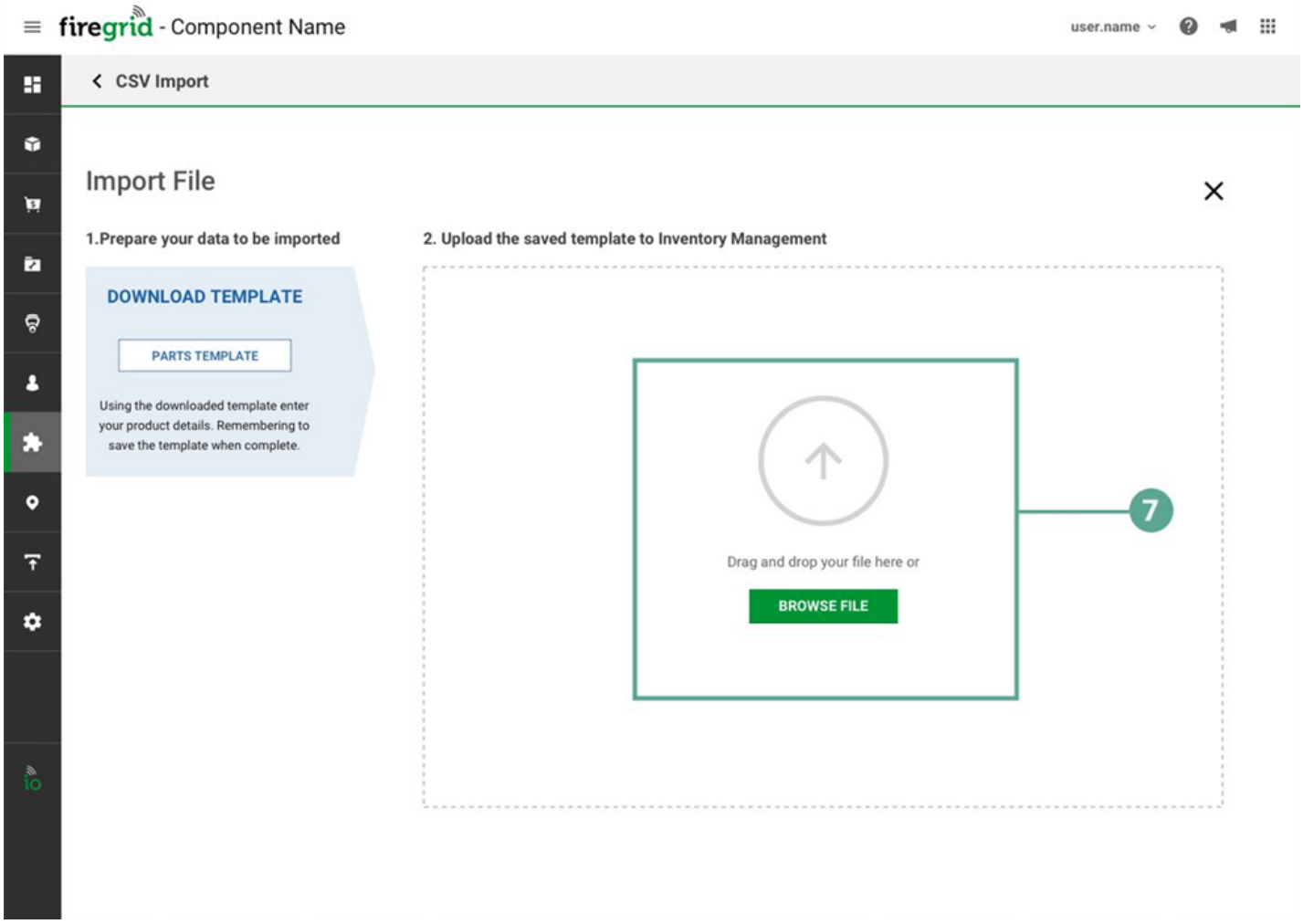


.

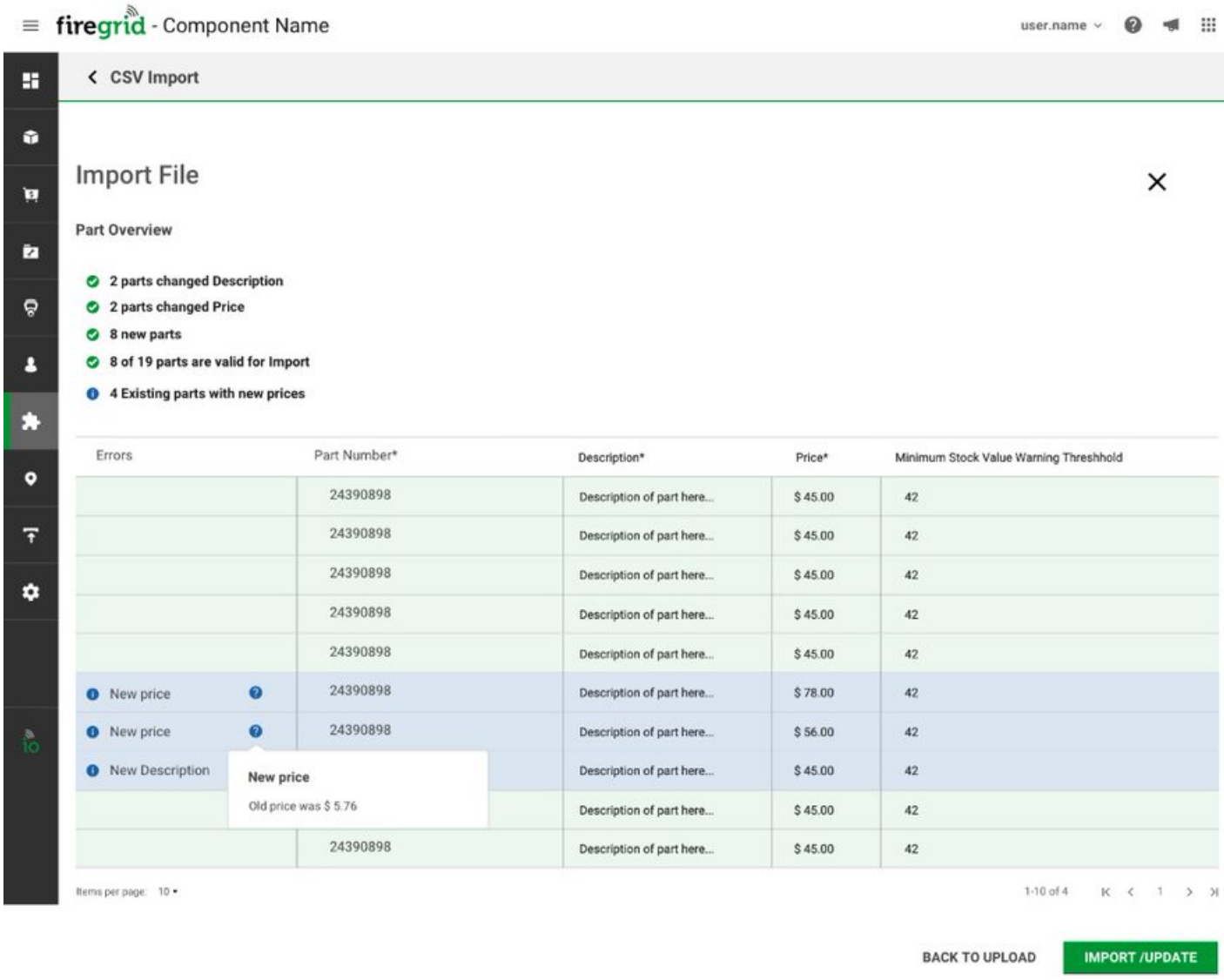
2. Download the template and fill out the parts you want to import.



3. Drag and drop the completed template onto the **Import Assets** page or click the **Browse File** button to locate and select the file.



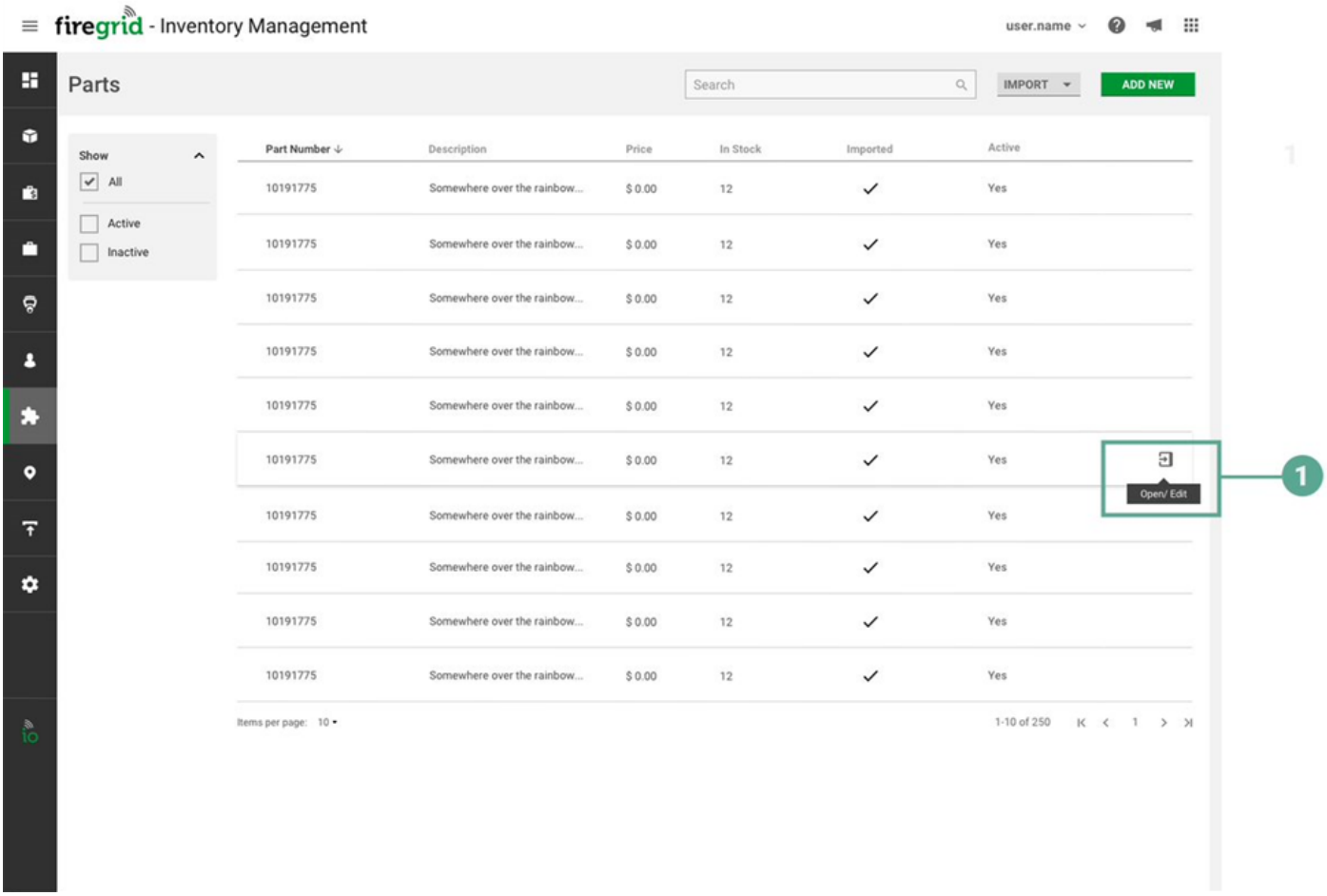
4. If any errors are detected, such as duplicate entries or empty fields where information is required, an error overview specifies which fields need to be corrected in the Excel file. Click **List of Errors** to see all errors.
    a. Correct all errors and click **Back**.
    b. Re-add the file.



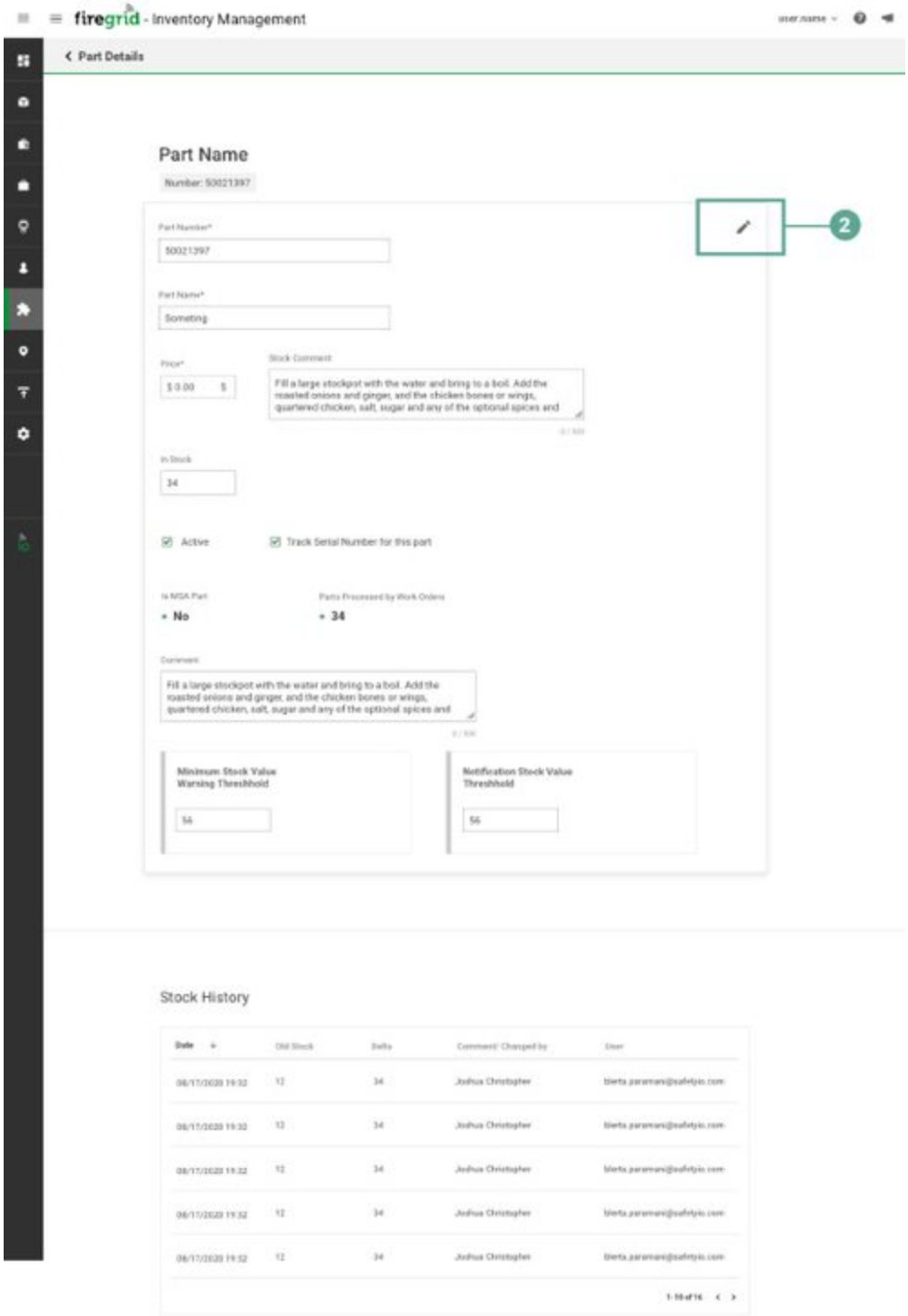
5. Once the template is verified, click **Import**.

Editing Parts

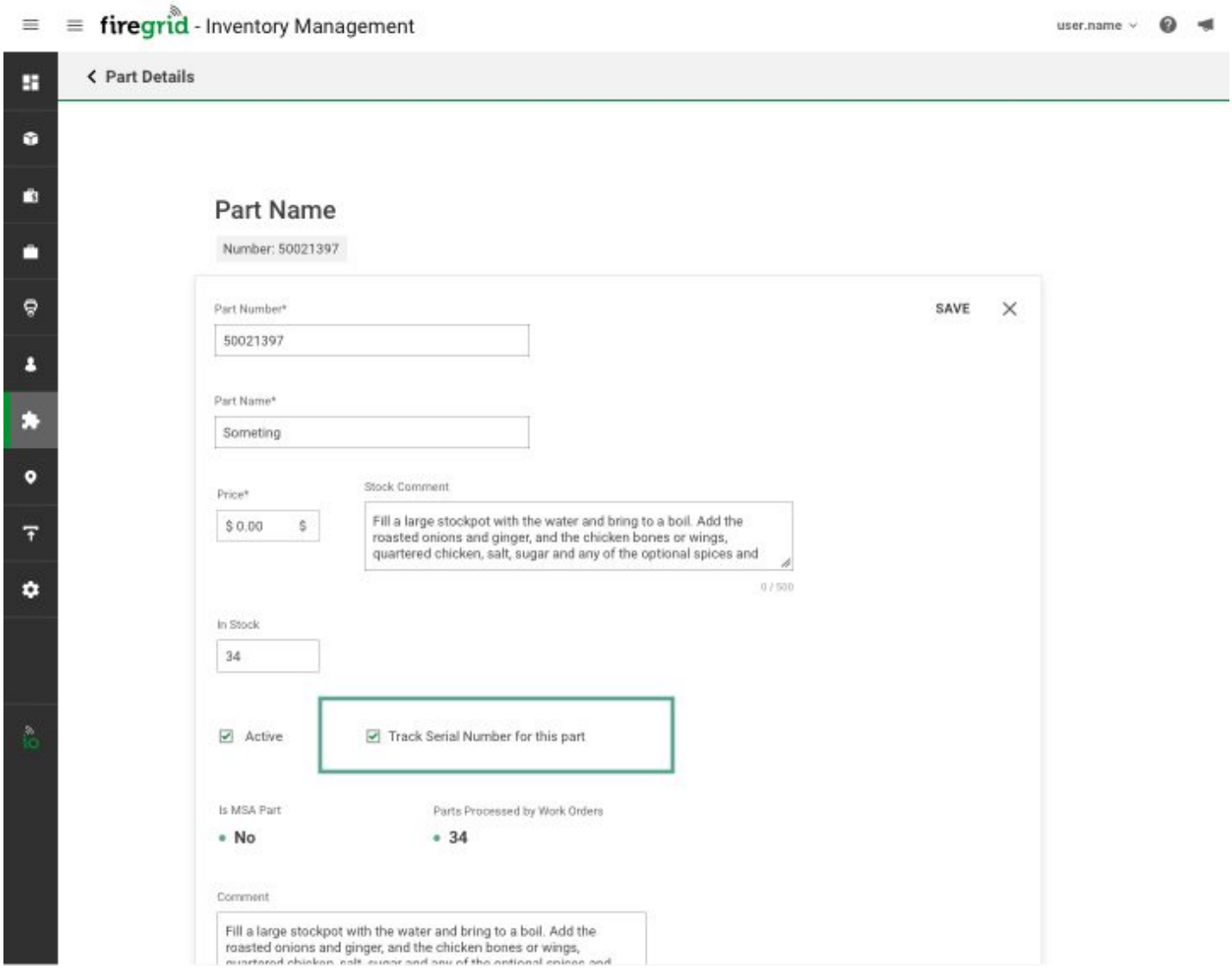
1. Click the **Open** icon at the end of the part's row.



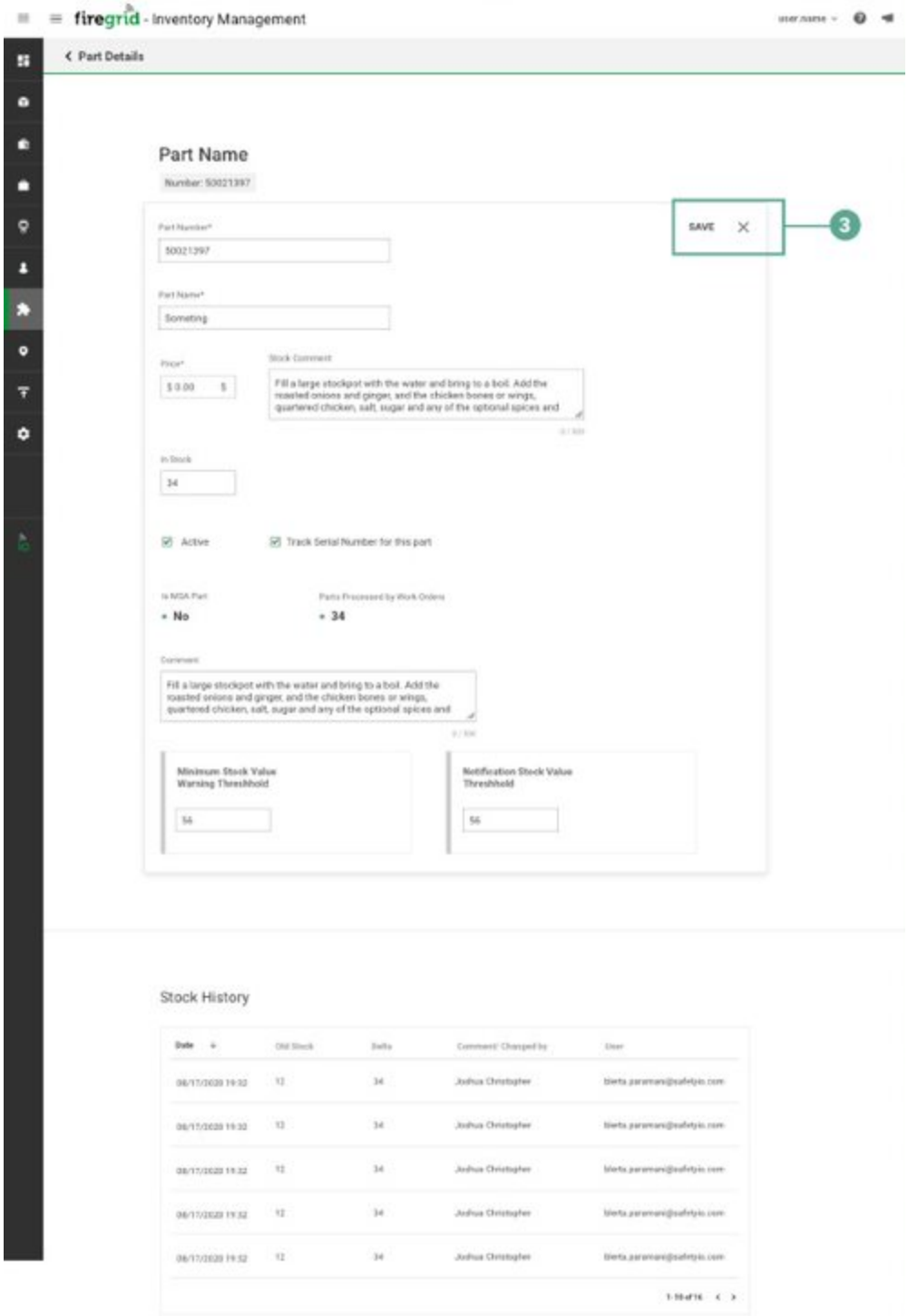
2. Click the **Edit** icon and update the information as needed.



NOTE: You can only edit the serial number of a part that is in an archived work order.


firegrid - Inventory Management
user.name
Part Details
Part Name
Number: 50021397
Part Number*
50021397
SAVE
Part Name*
Someting
Price*
$ 0.00 $
Stock Comment
Fill a large stockpot with the water and bring to a boil. Add the roasted onions and ginger, and the chicken bones or wings, quartered chicken, salt, sugar and any of the optional spices and
0 / 500
In Stock
34
Active
Track Serial Number for this part
Is MSA Part
No
Parts Processed by Work Orders
34
Comment
Fill a large stockpot with the water and bring to a boil. Add the roasted onions and ginger, and the chicken bones or wings,

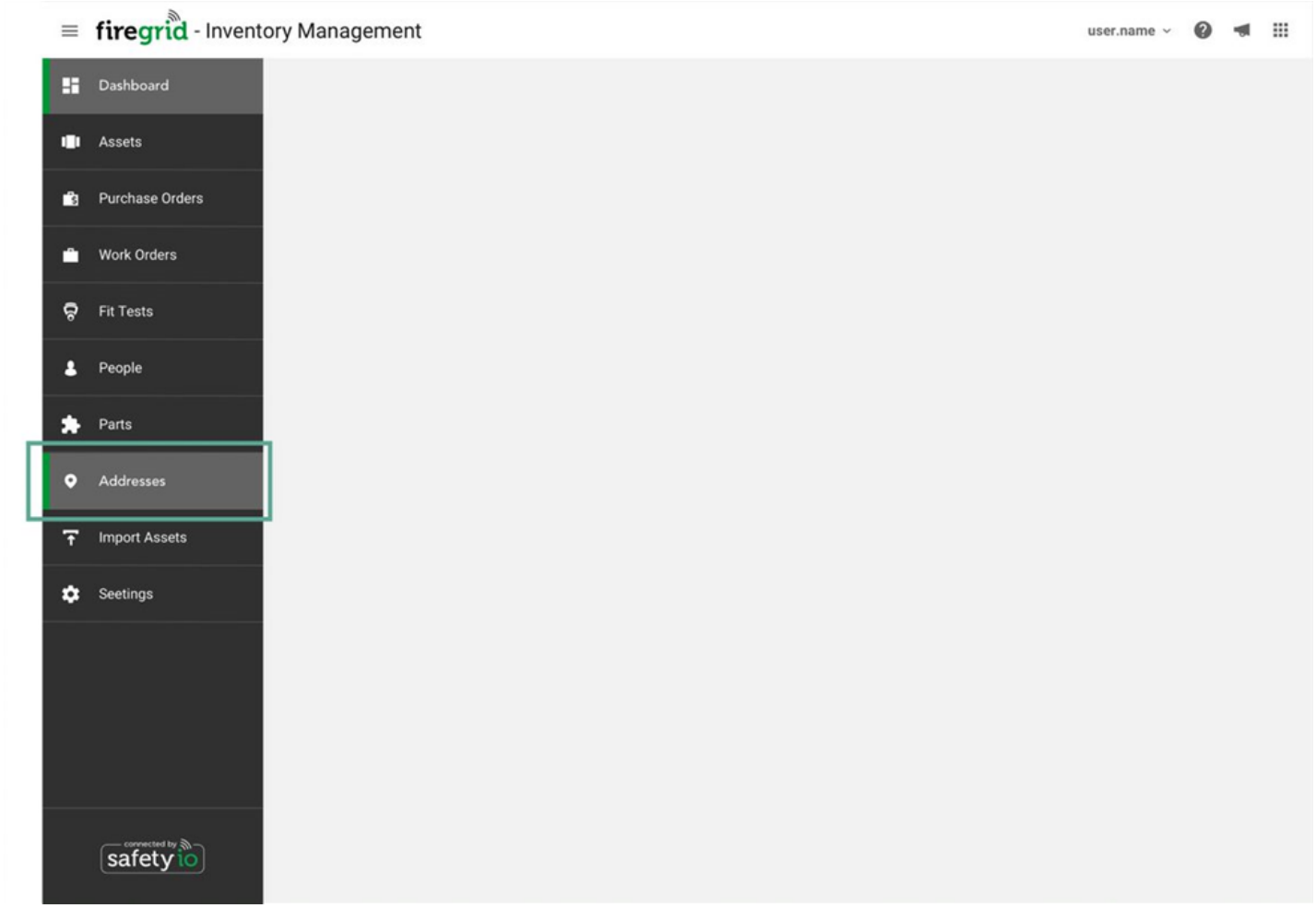
3. Click **Save**.

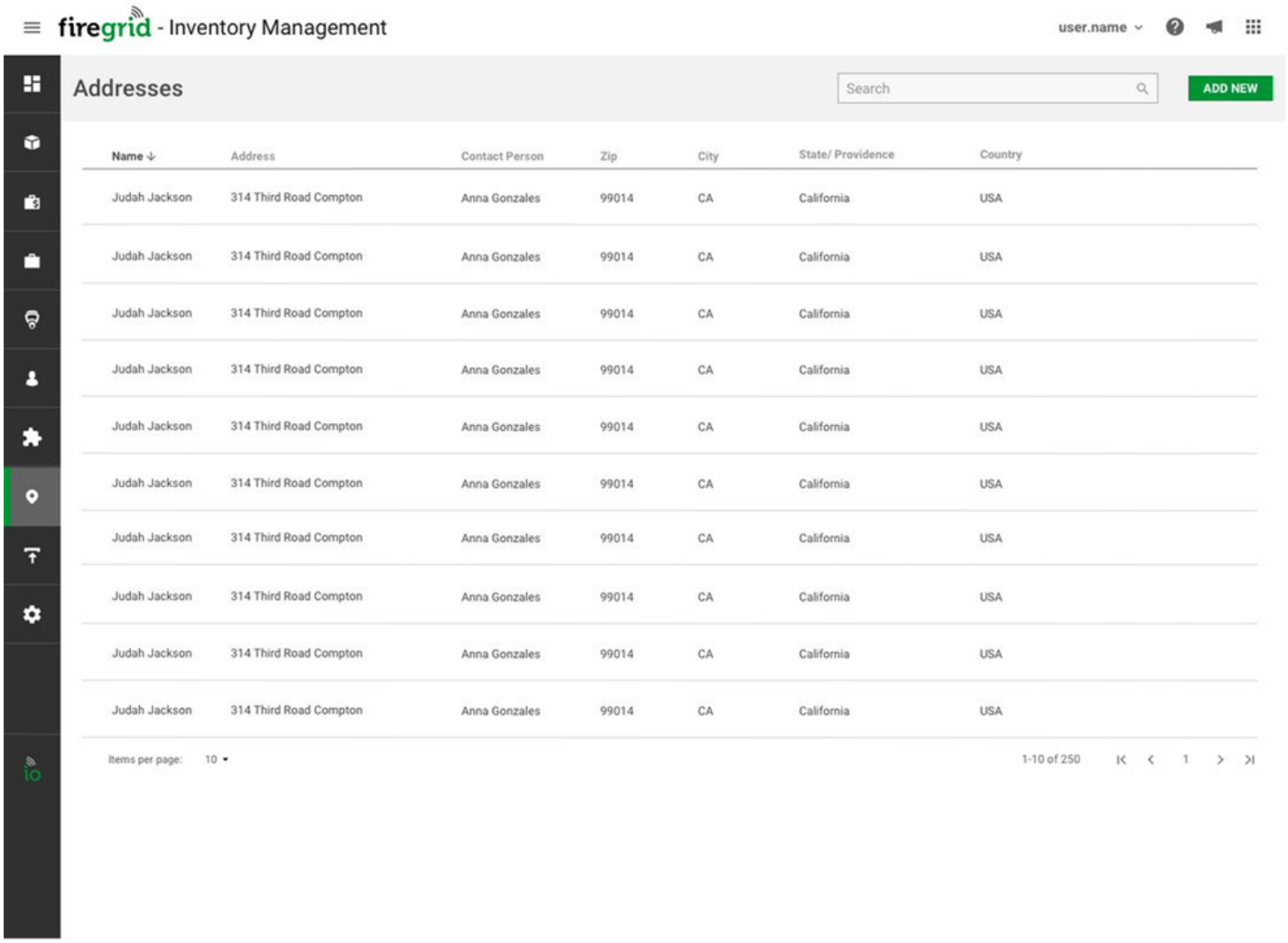

firegrid - Inventory Management
Part Details
Part Name
SAVE
3
Stock History

2.7.9 Addresses

Addresses can be used to assign a location for a person or asset and identify suppliers for a purchase order or work order. All addresses are listed on the **Addresses** page. Addresses can be searched, and new addresses can be added.

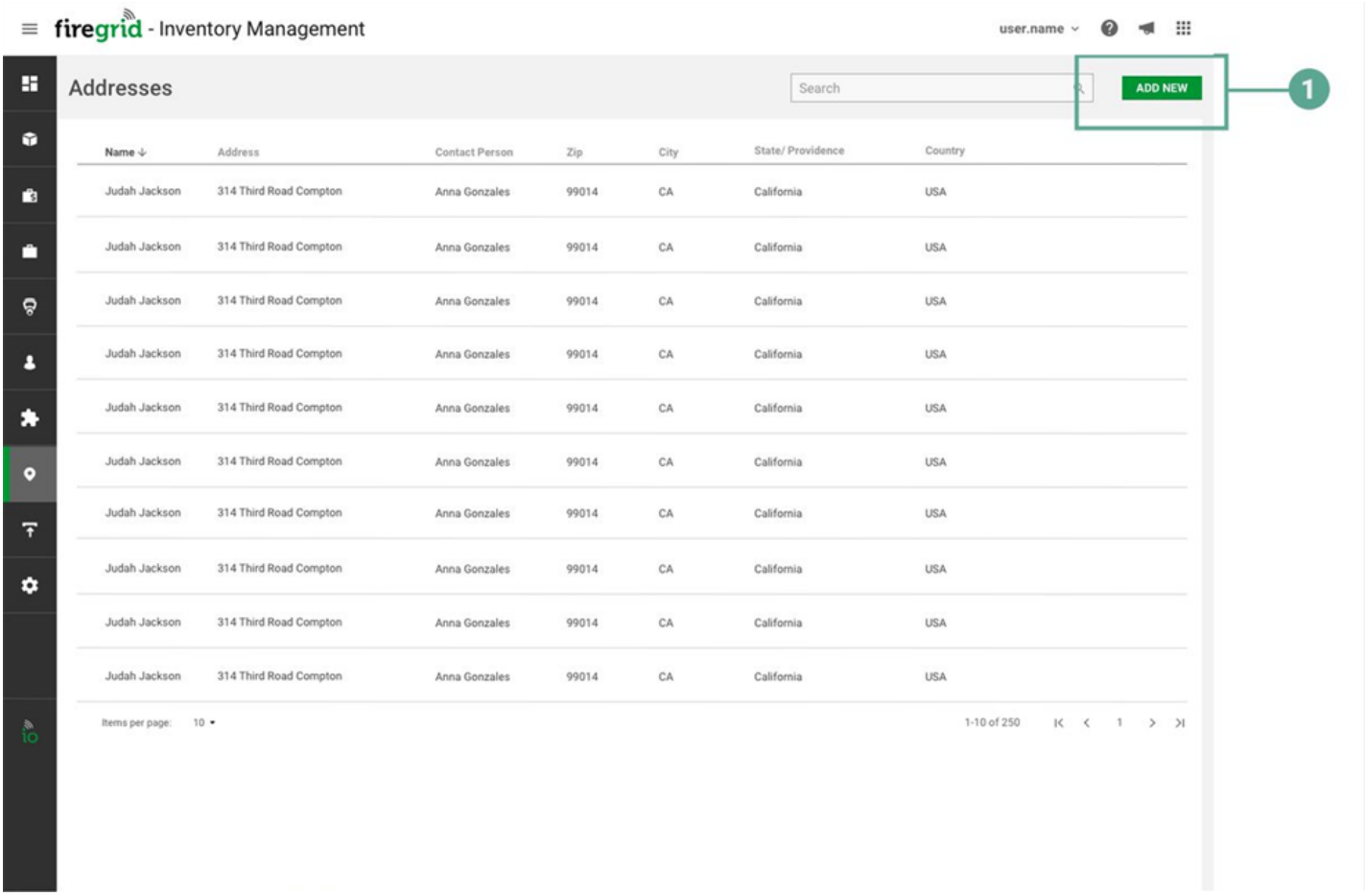
To open the **Addresses** page, select **Addresses** from the main menu.



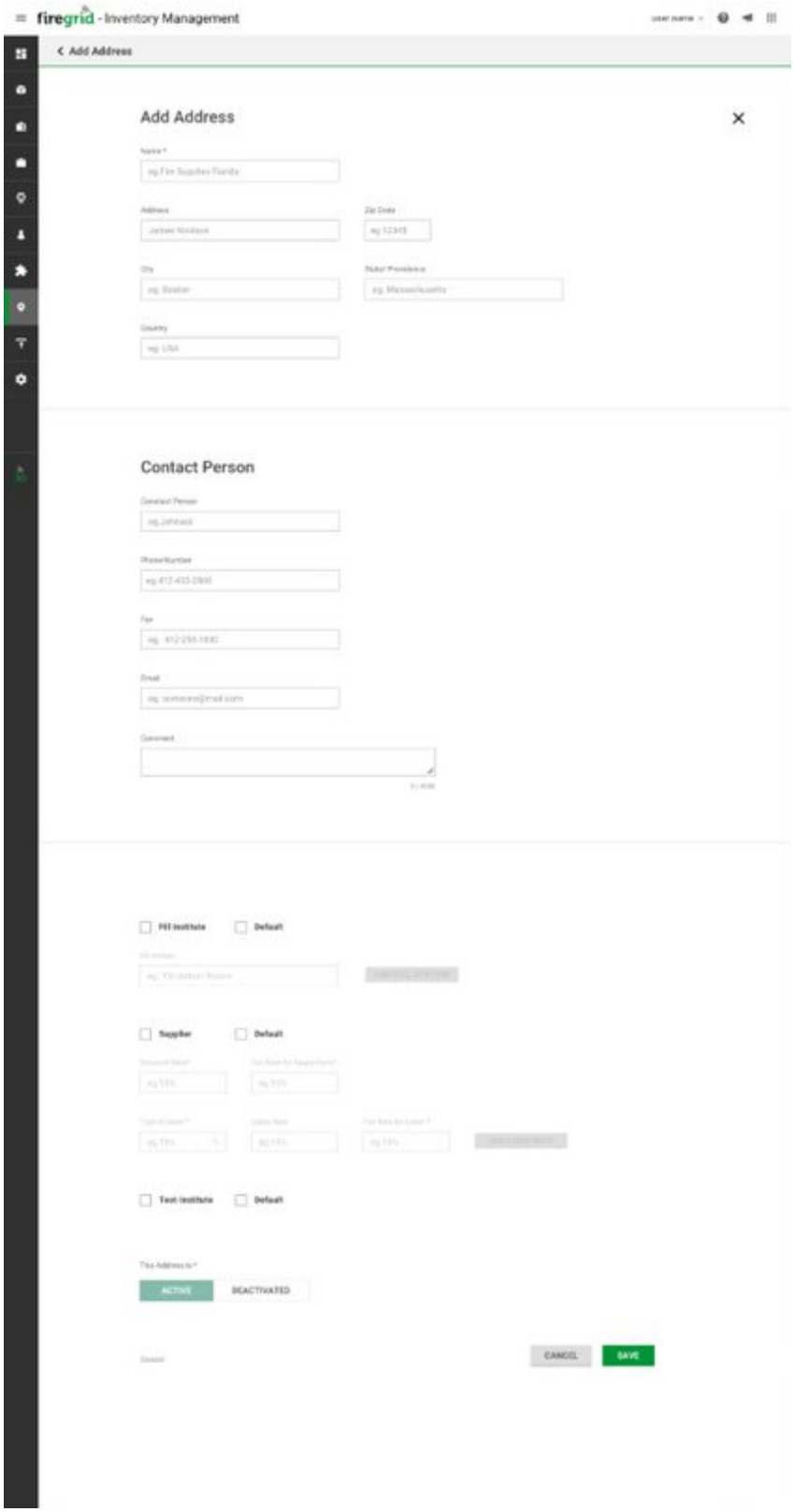

firegrid - Inventory Management
user.name
Addresses
Search
ADD NEW
Name
Address
Contact Person
Zip
City
State/ Providence
Country
Judah Jackson 314 Third Road Compton Anna Gonzales 99014 CA California USA
Items per page: 10
1-10 of 250
1

Adding Addresses

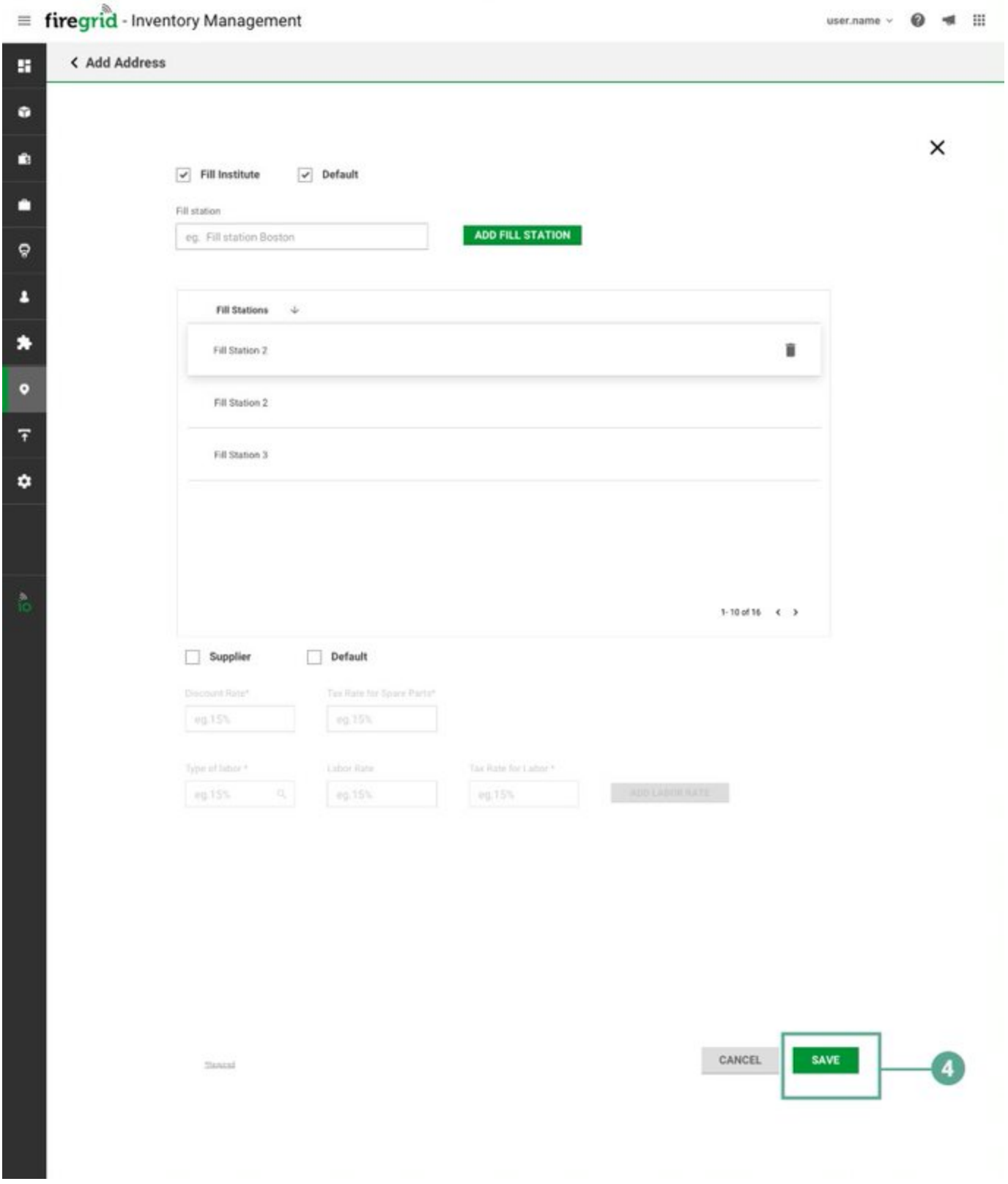
1. On the **Addresses** page, click the **Add New** button.



2. Enter the required information and, if desired, any optional information.



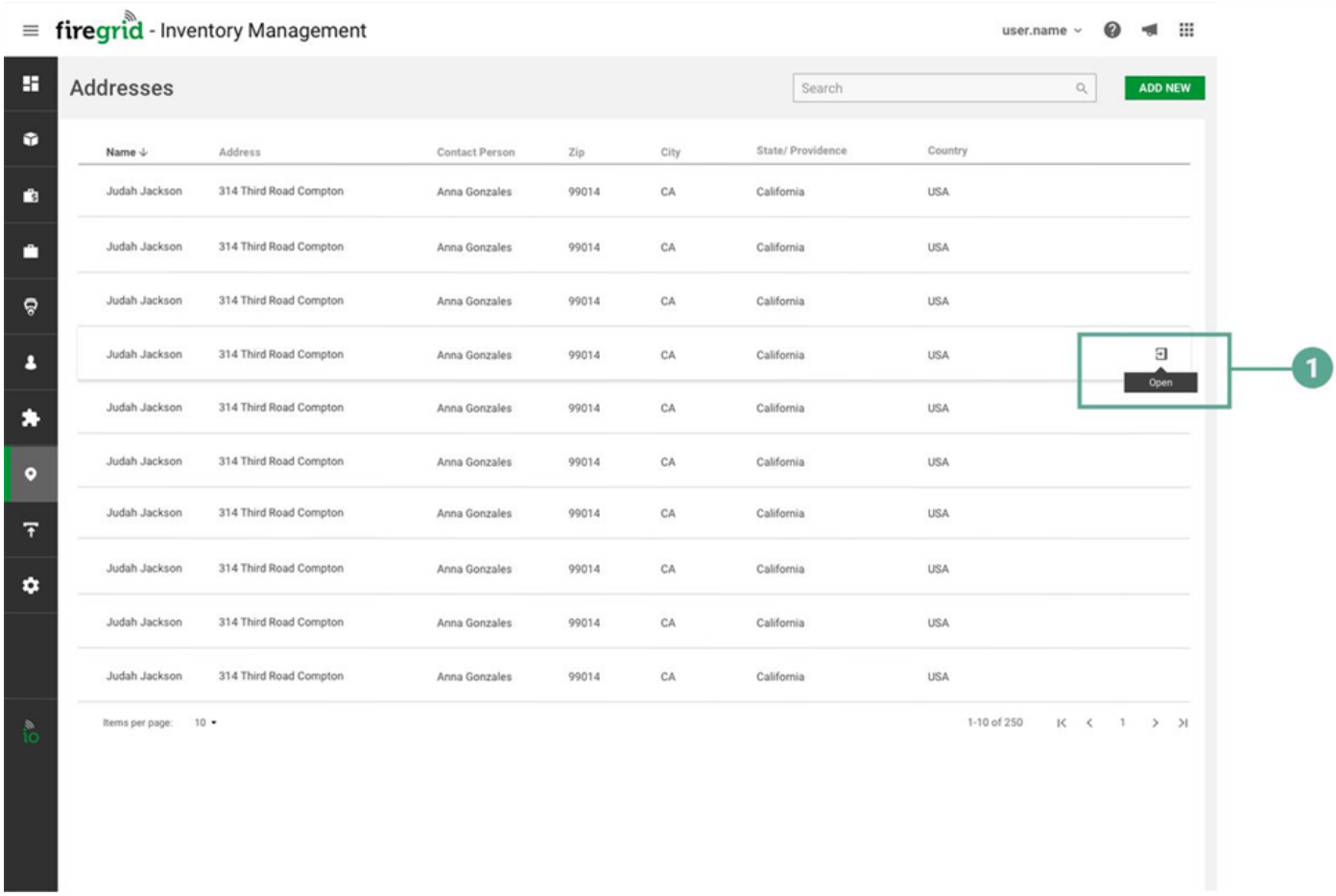
3. To add information for the **Fill-Institute**, **Supplier**, or **Test-Institute**, check the corresponding checkbox and edit the fields.
   - **Fill-Institute**: Check to make the fill-institute available when adding a cylinder fill.
   - **Supplier**: Check to make the supplier available when setting the *Supplier* for a work order or purchase order. Add a *Labor Rate* to make the rate available for a work order.
   - **Test-Institute**: Check to make the test-institute available when adding a cylinder hydro test.



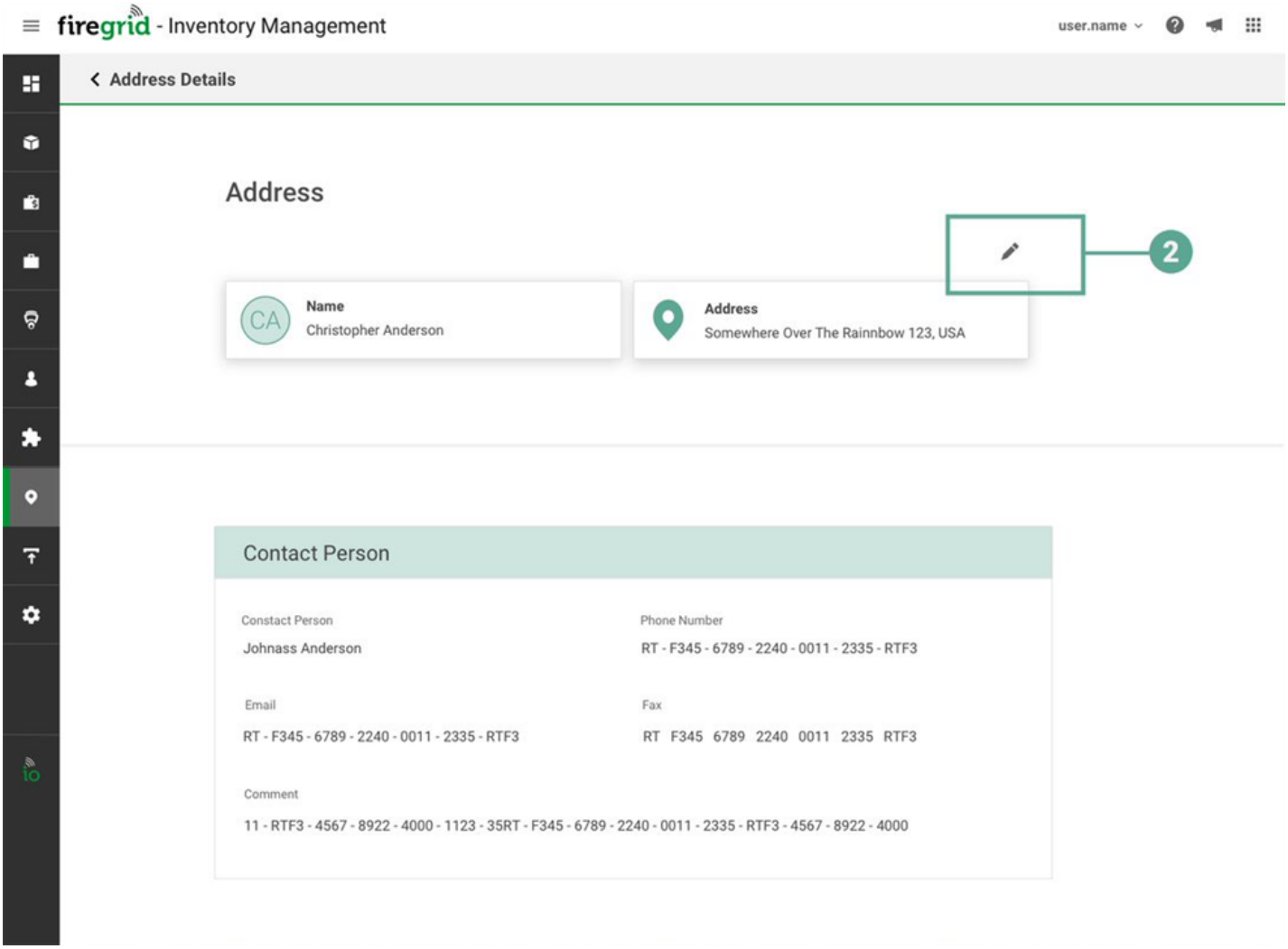
4. Click **Save** to return to the **Addresses** page.

Editing Addresses

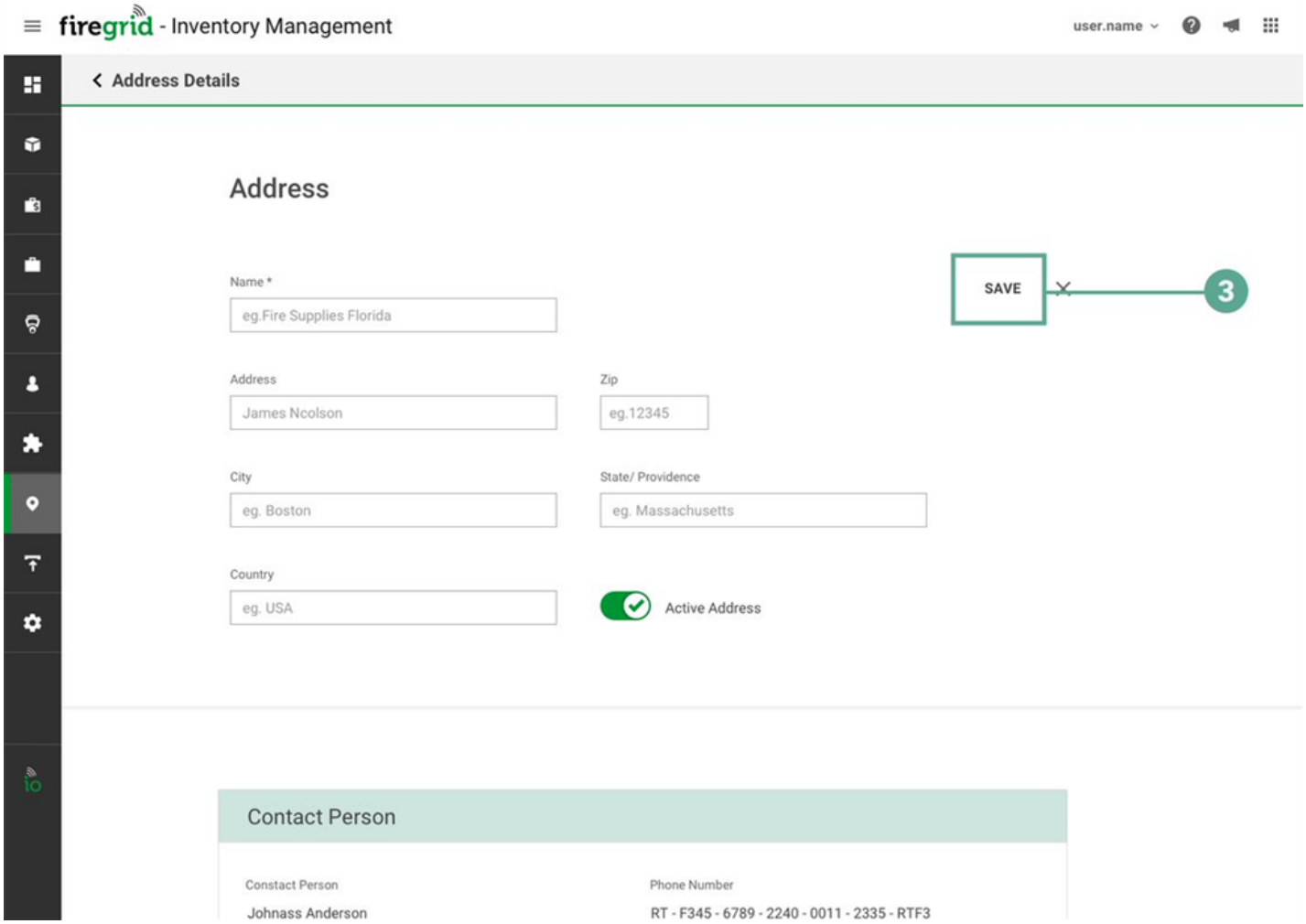
1. Click the **Open** icon at the end of the address's row.



2. Click the **Edit** icon on the **Address Details** page and update the information as needed.

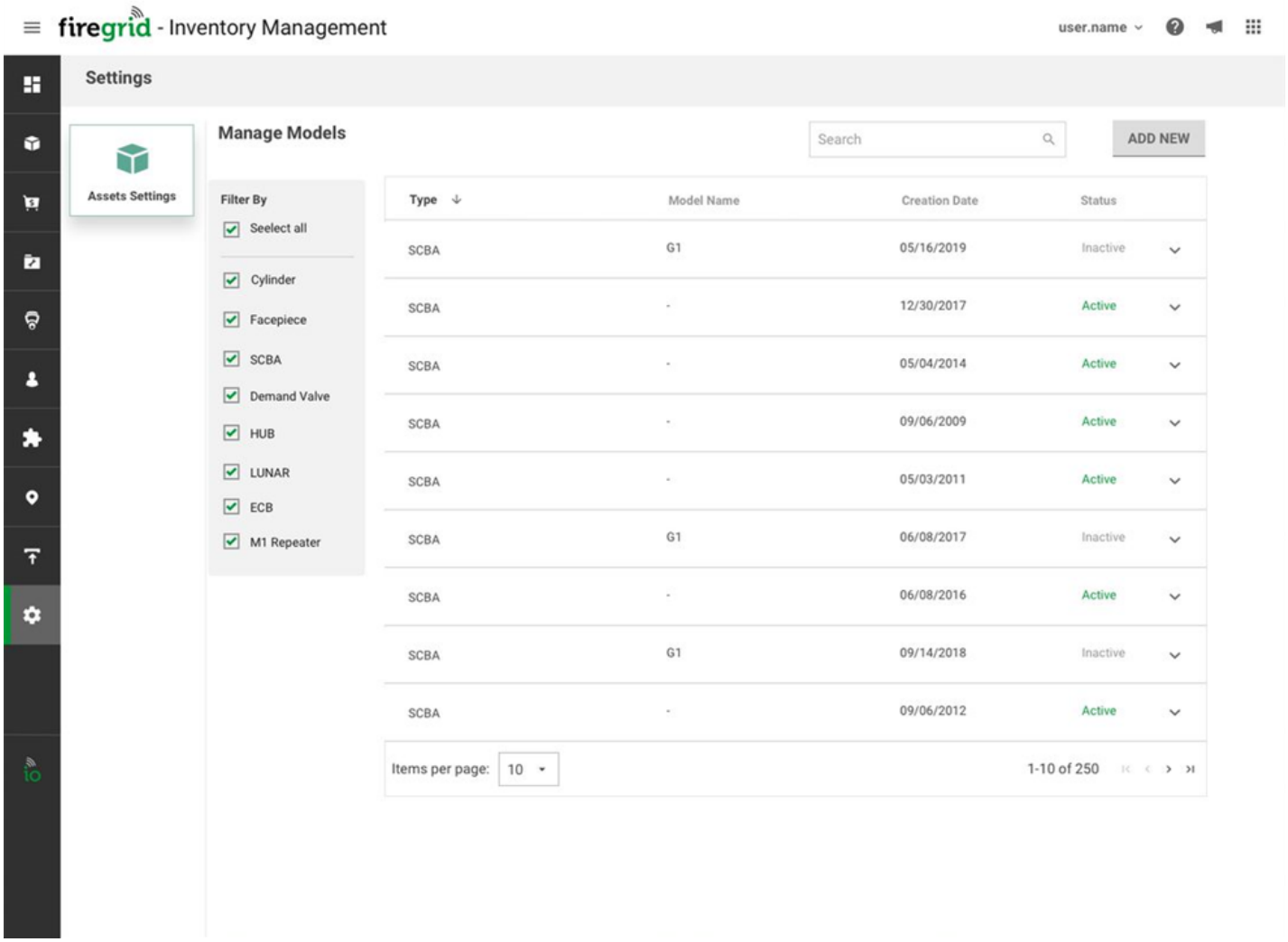


3. Click **Save**.


firegrid - Inventory Management
user.name
Address Details
Address
Name *
eg.Fire Supplies Florida
SAVE
3
Address
James Ncolson
Zip
eg.12345
City
eg. Boston
State/ Providence
eg. Massachusetts
Country
eg. USA
Active Address
Contact Person
Constact Person
Johnass Anderson
Phone Number
RT - F345 - 6789 - 2240 - 0011 - 2335 - RTF3

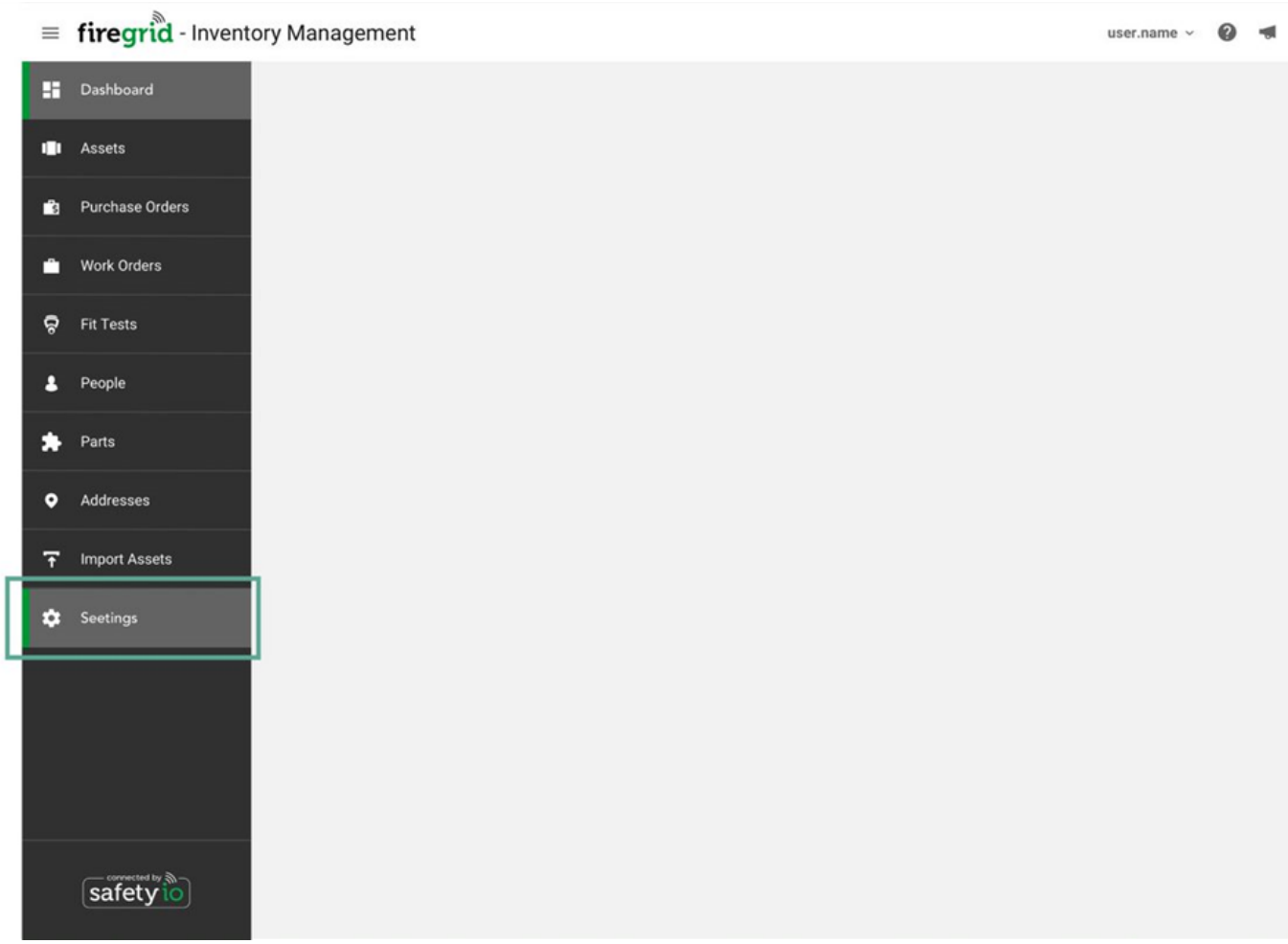
2.7.10 Settings

Asset settings, such as clothing models, can be defined so they appear in the list of available settings for a new asset.



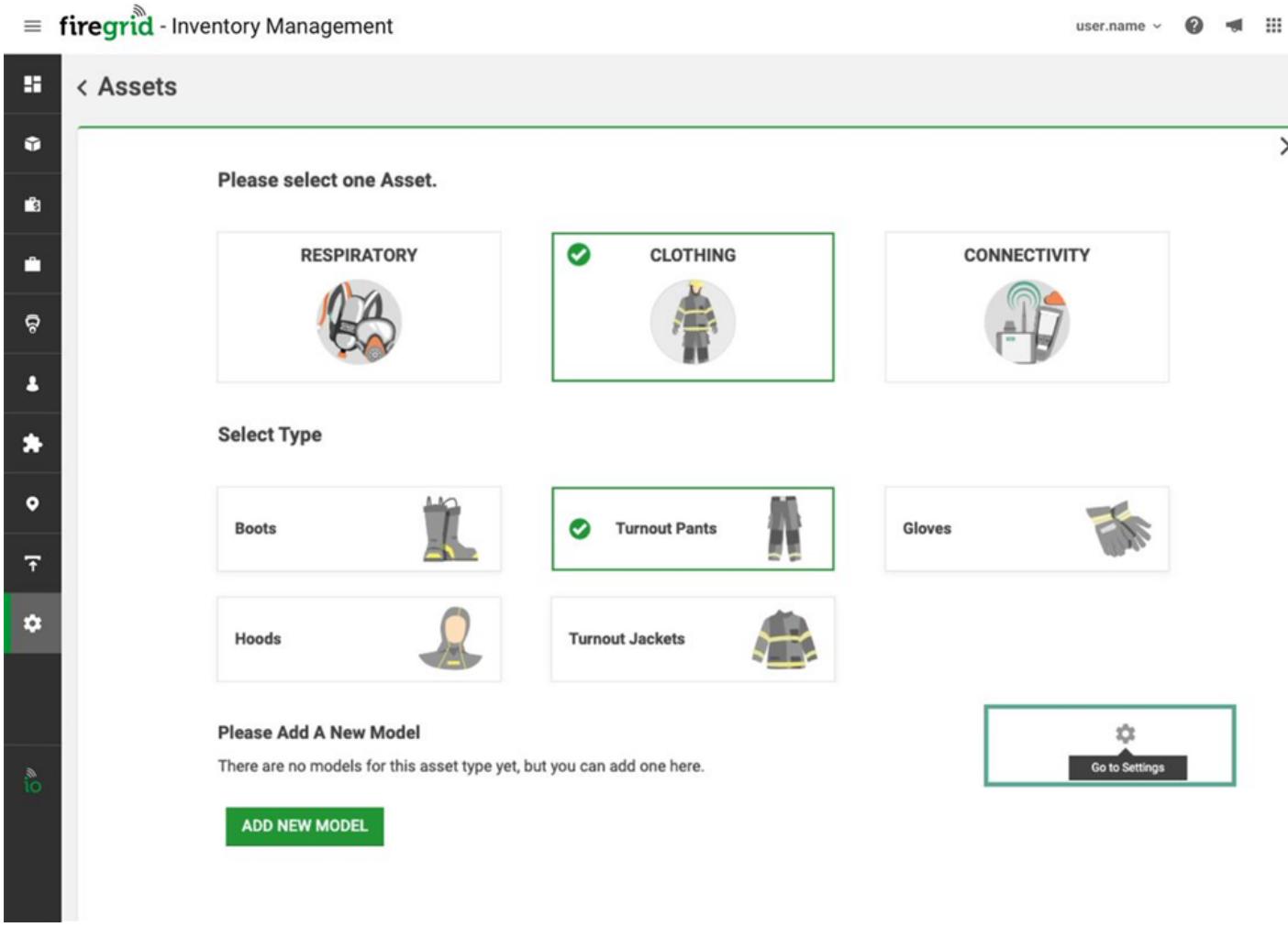
To open the **Settings** page:

a. Select **Settings** from the main menu.



OR

b. Click the **Settings** icon when adding a new asset.



2.8 Remote Monitoring

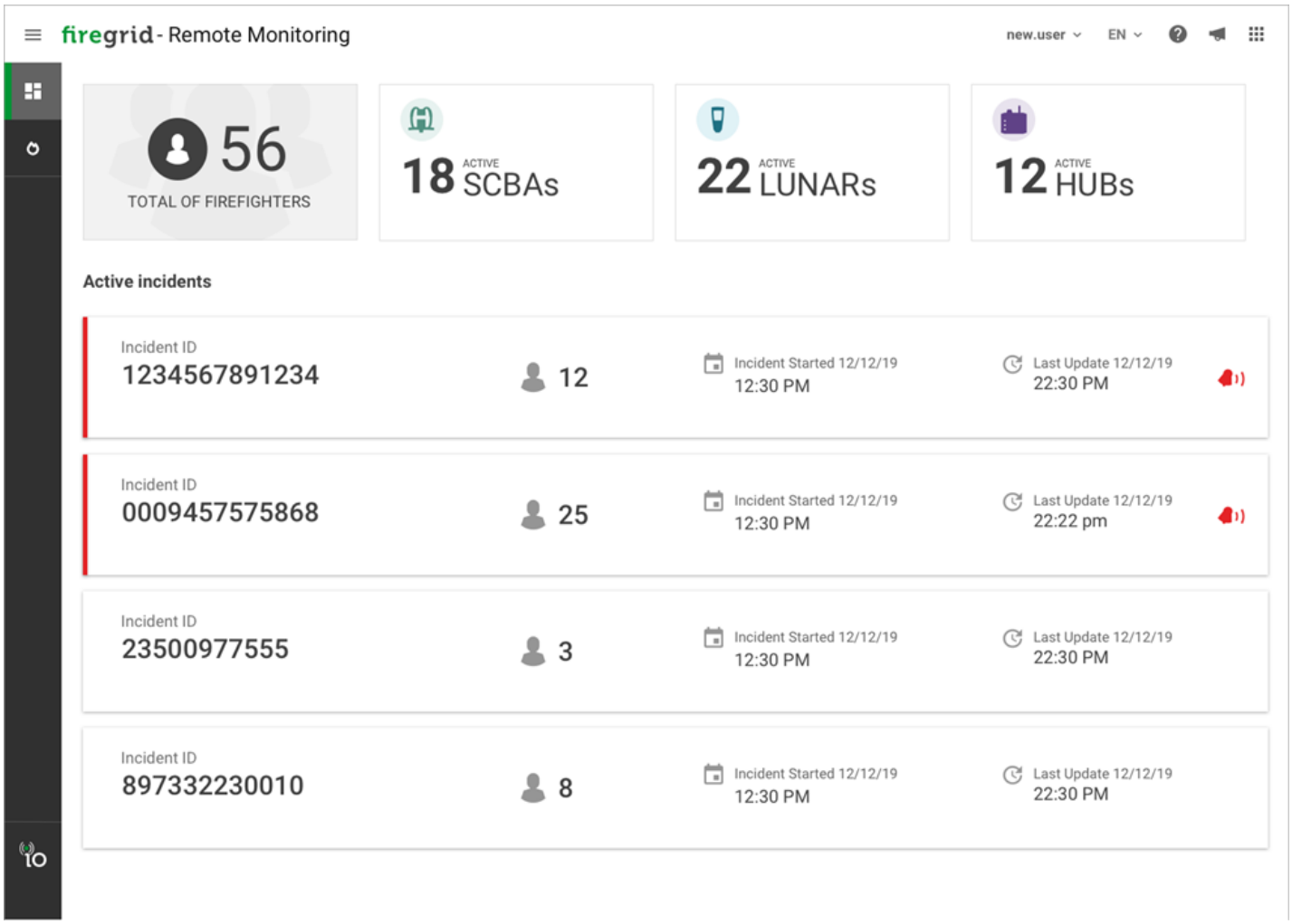
WARNING!

- The functionality detailed in this section is dependent upon proper set up and assignment of firefighters to teams and of assets to firefighters. Follow set up instructions closely otherwise the information displayed by the FireGrid monitoring system may not represent the incident accurately.
- FireGrid is not a replacement for worker response to local alarms from their personal gas detection instruments. FireGrid is a supplement to a defined safety program for the use of personal gas detection instruments.
- Network strength and speed as well as tablet processing speed will affect the speed with which data is transmitted from the instrument to the tablet and then from the tablet to FireGrid. Reduced network strength and speed or reduced tablet processing speed will result in delays to information transmittal to and from the ALTAIR Grid.
- If the tablet is not connected to a network, the instrument and FireGrid will not communicate.

Failure to follow this warning can result in serious personal injury or death.

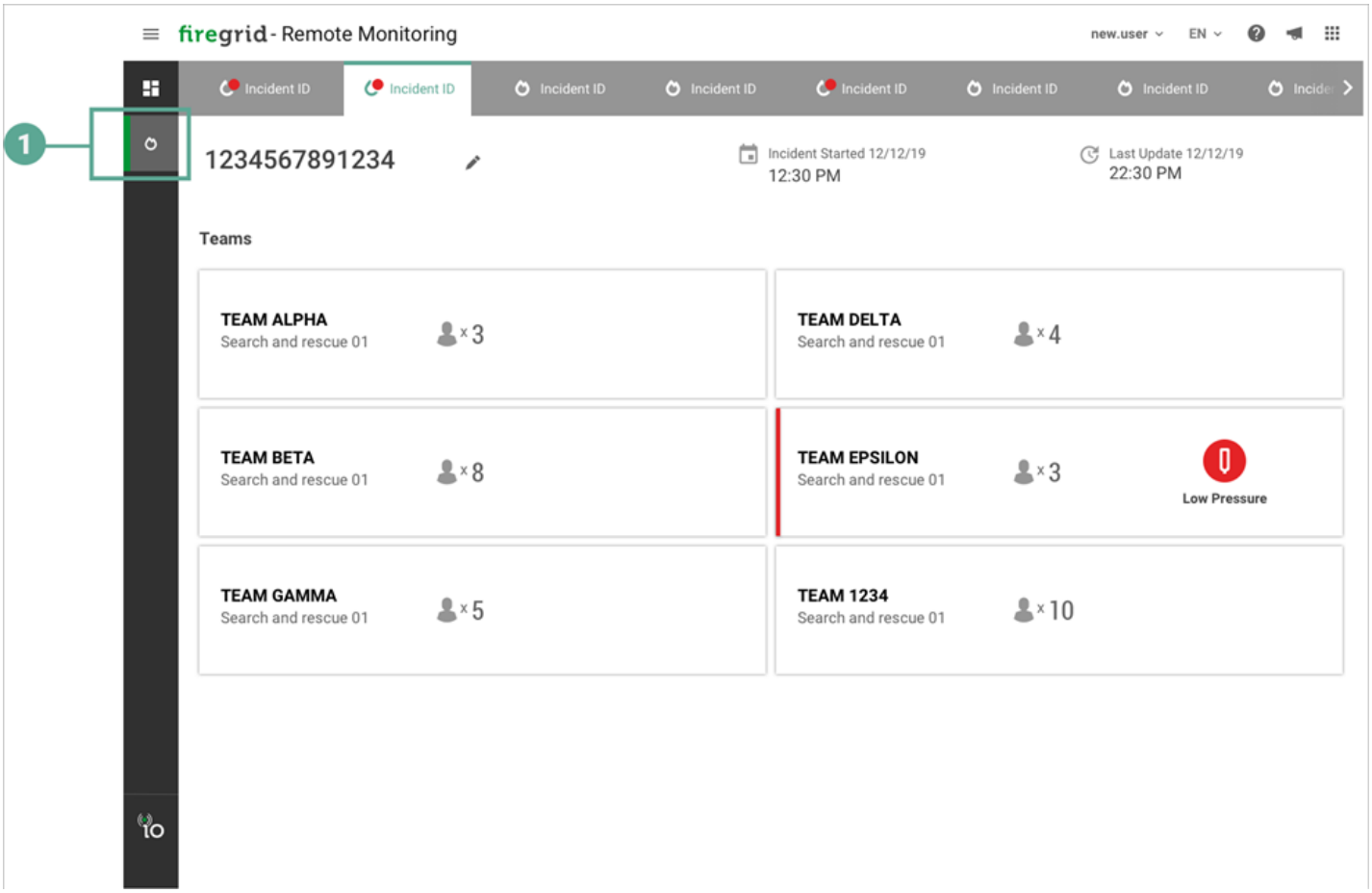
The **Remote Monitoring** area of the FireGrid Web App provides an overview of the total number of firefighters, active devices, and active incidents for an organization account.

Log into FireGrid and select **Remote Monitoring**.

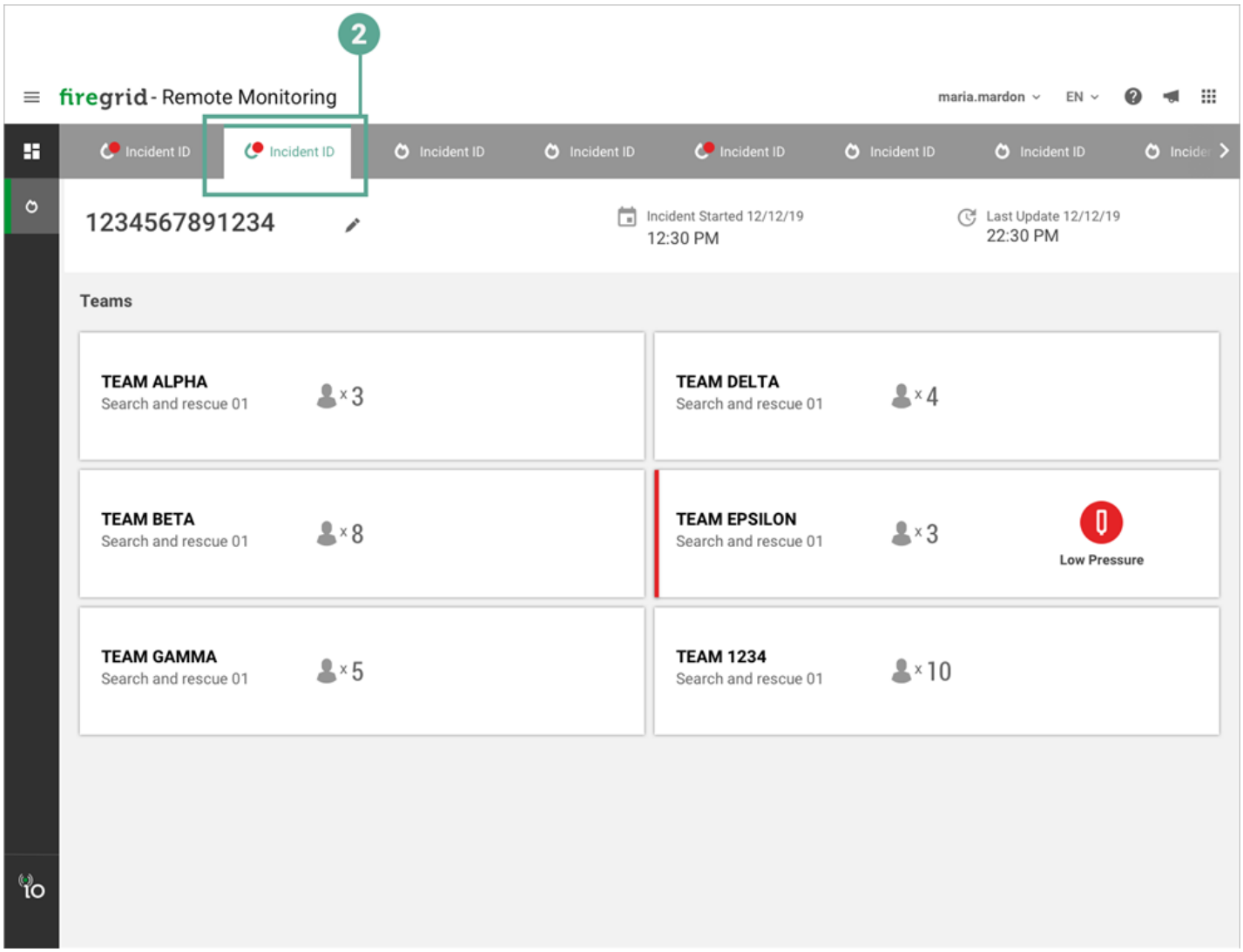


2.8.1 Viewing Incident Details

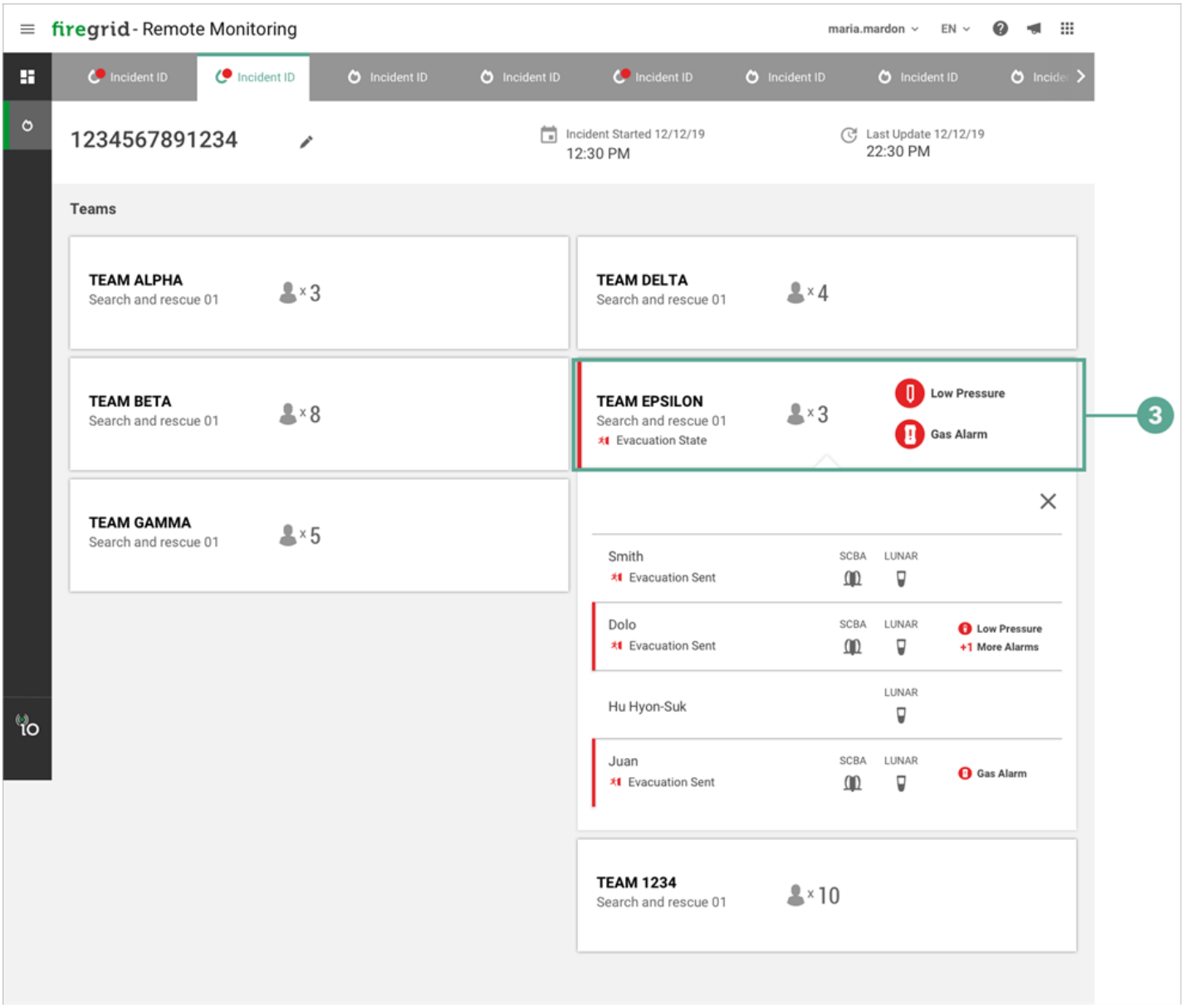
1. Click the **Fire** icon to open the **Incident Details** page.



2. Select the tab at the top of the page for the active incident to view.



3. Click a team to see active firefighters at the incident. Connected devices and active alarms for the firefighters are shown. Active firefighters who are not assigned to a team are also listed. Non-active firefighters do not display.

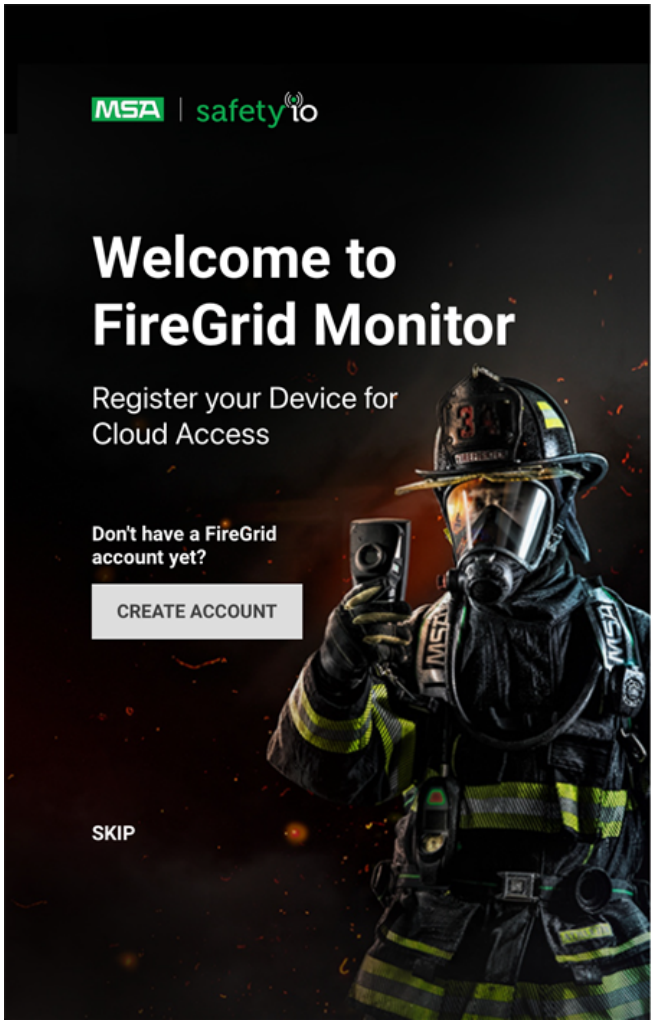


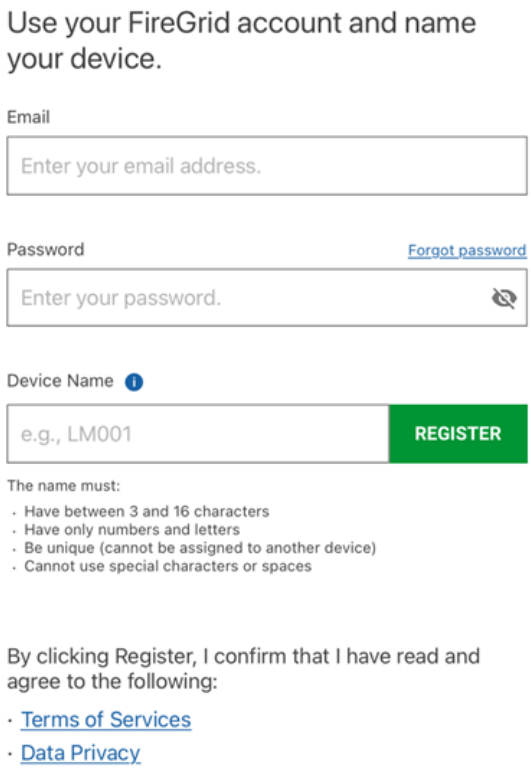
3 FireGrid Monitor Mobile App

3.1 Registering a Tablet

Any tablet using the FireGrid Monitor app must be registered to a FireGrid account in order to access the cloud and communicate with cloud-connected devices.

1. Download and install the **FireGrid Monitor** app on the iOS tablet.
2. If a FireGrid account is needed, tap the **Create Account** button. See Getting Started with a FireGrid Account for more information.



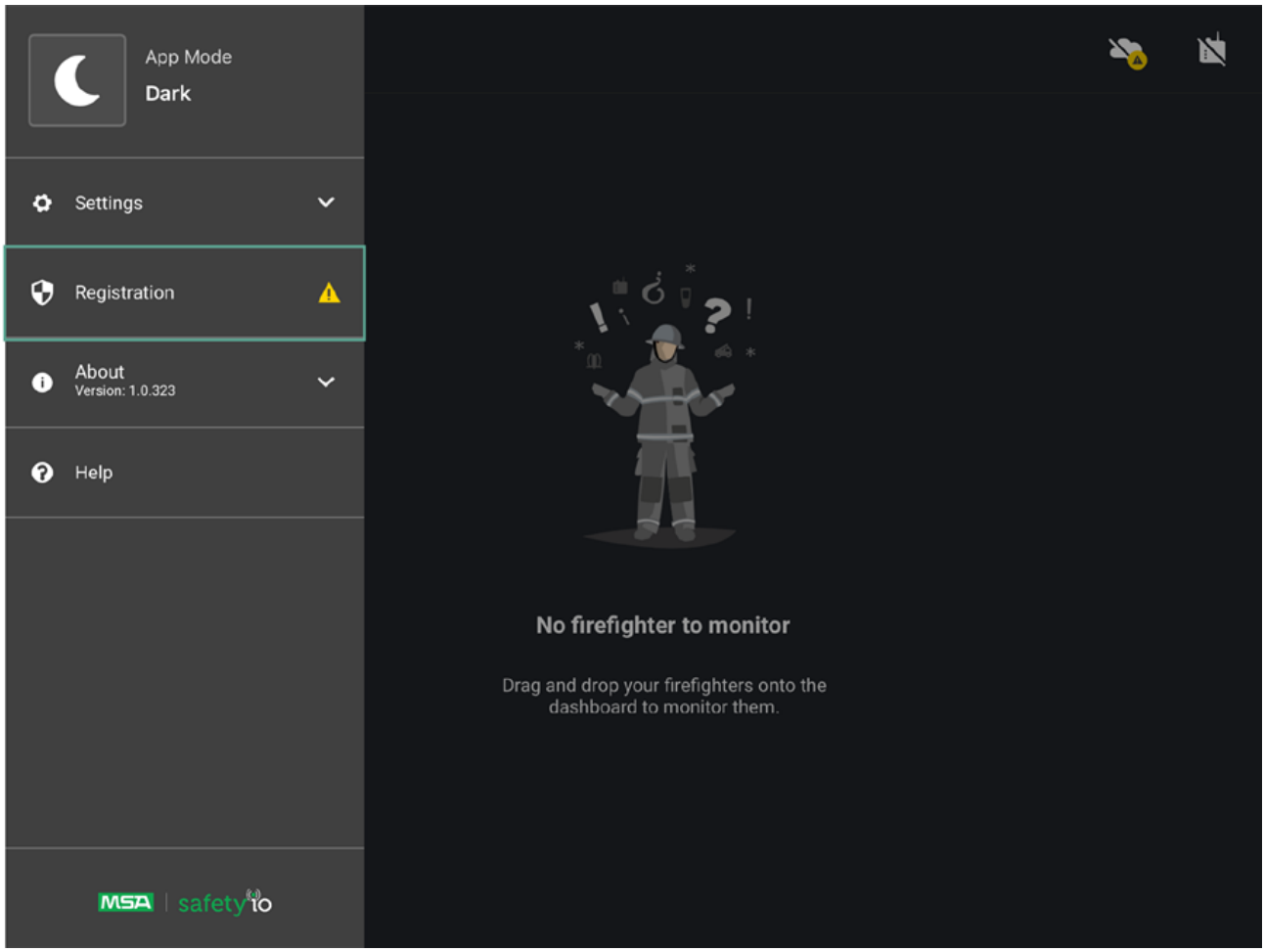


3. Enter an **Email address** and **Password**.
4. Enter a unique **Device Name** and tap **Register**.

Registering from the FireGrid Monitor App Menu

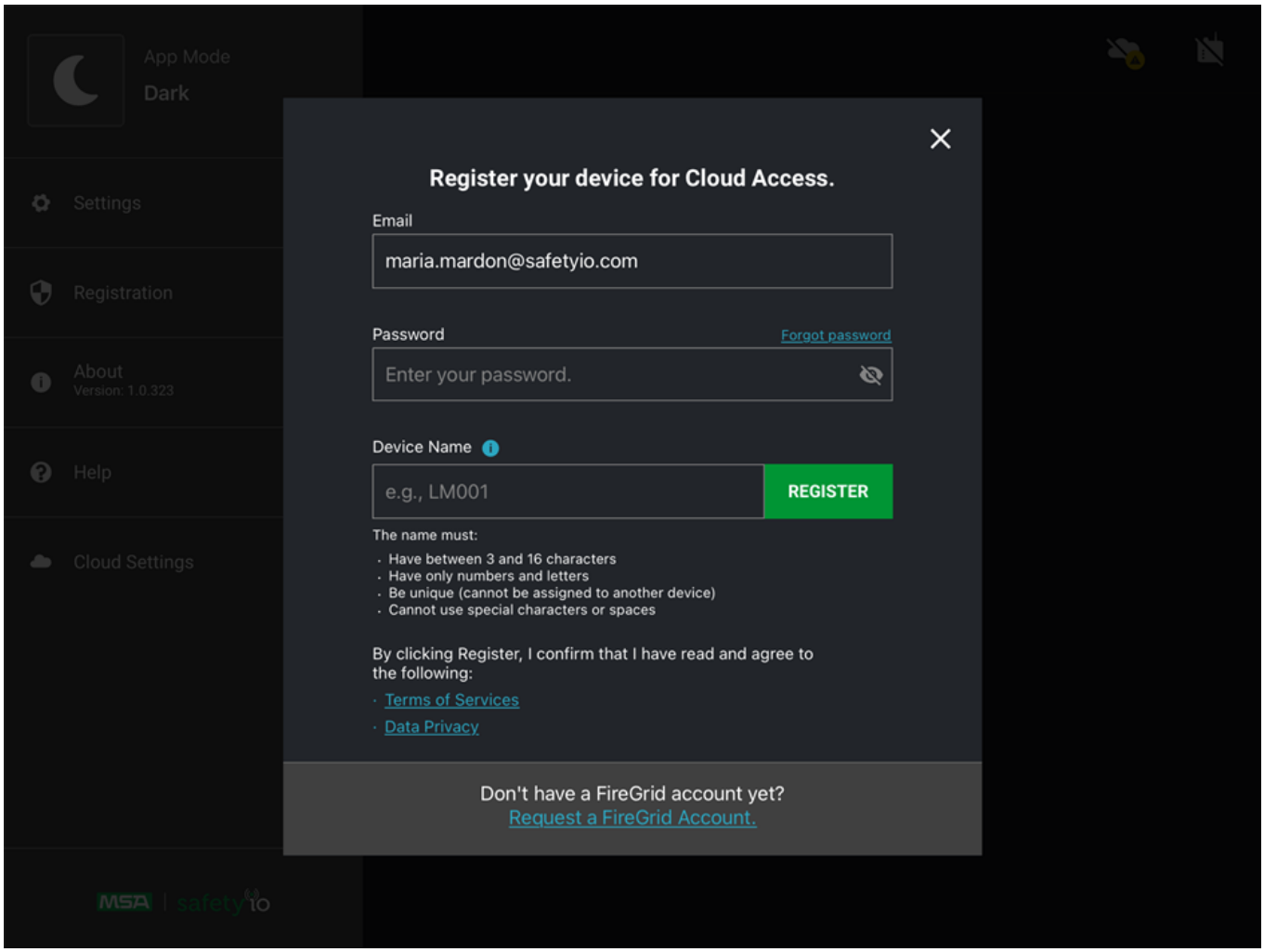
If registration is skipped on the **Welcome to FireGridl Monitor** screen, a mobile device can be registered at a later time from within the FireGrid Monitor app.

1. Tap the **Menu** icon to open the menu.



2. Tap **Registration**.

3. Enter an **Email address** and **Password**.



4. Enter a unique **Device Name** and tap **Register**.

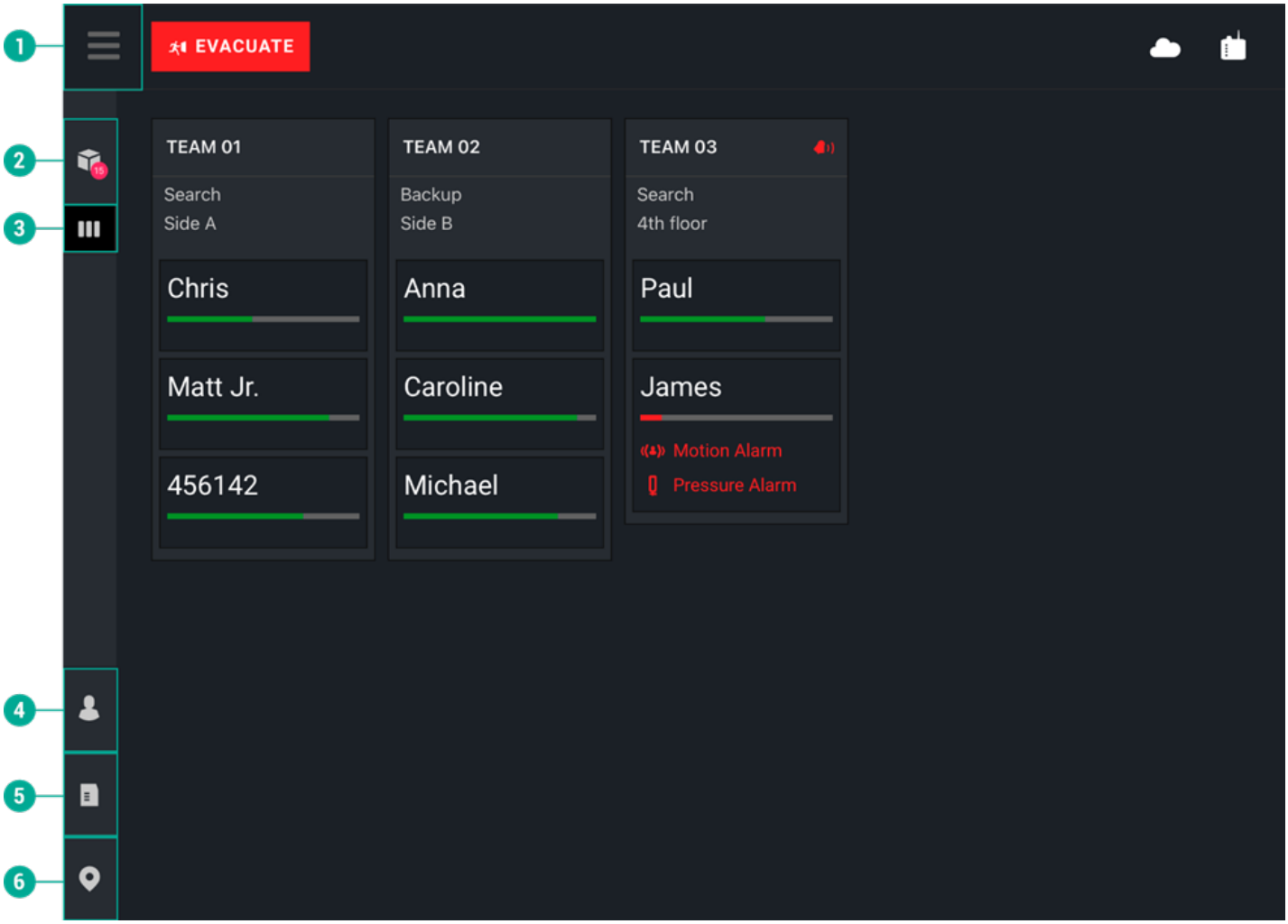
3.2 FireGrid Monitor Dashboard

WARNING!

- The functionality detailed in this section is dependent upon proper set up and assignment of firefighters to teams and of assets to firefighters. Follow set up instructions closely otherwise the information displayed by the FireGrid monitoring system may not represent the incident accurately.
- FireGrid is not a replacement for worker response to local alarms from their personal gas detection instruments. FireGrid is a supplement to a defined safety program for the use of personal gas detection instruments.
- Network strength and speed as well as tablet processing speed will affect the speed with which data is transmitted from the instrument to the tablet and then from the tablet to FireGrid. Reduced network strength and speed or reduced tablet processing speed will result in delays to information transmittal to and from the FireGrid.
- If the tablet is not connected to a network, the instrument and FireGrid will not communicate.

Failure to follow this warning can result in serious personal injury or death.

The FireGrid Monitor **Dashboard** opens to the **Team Column View** by default, showing all connected teams and firefighters.

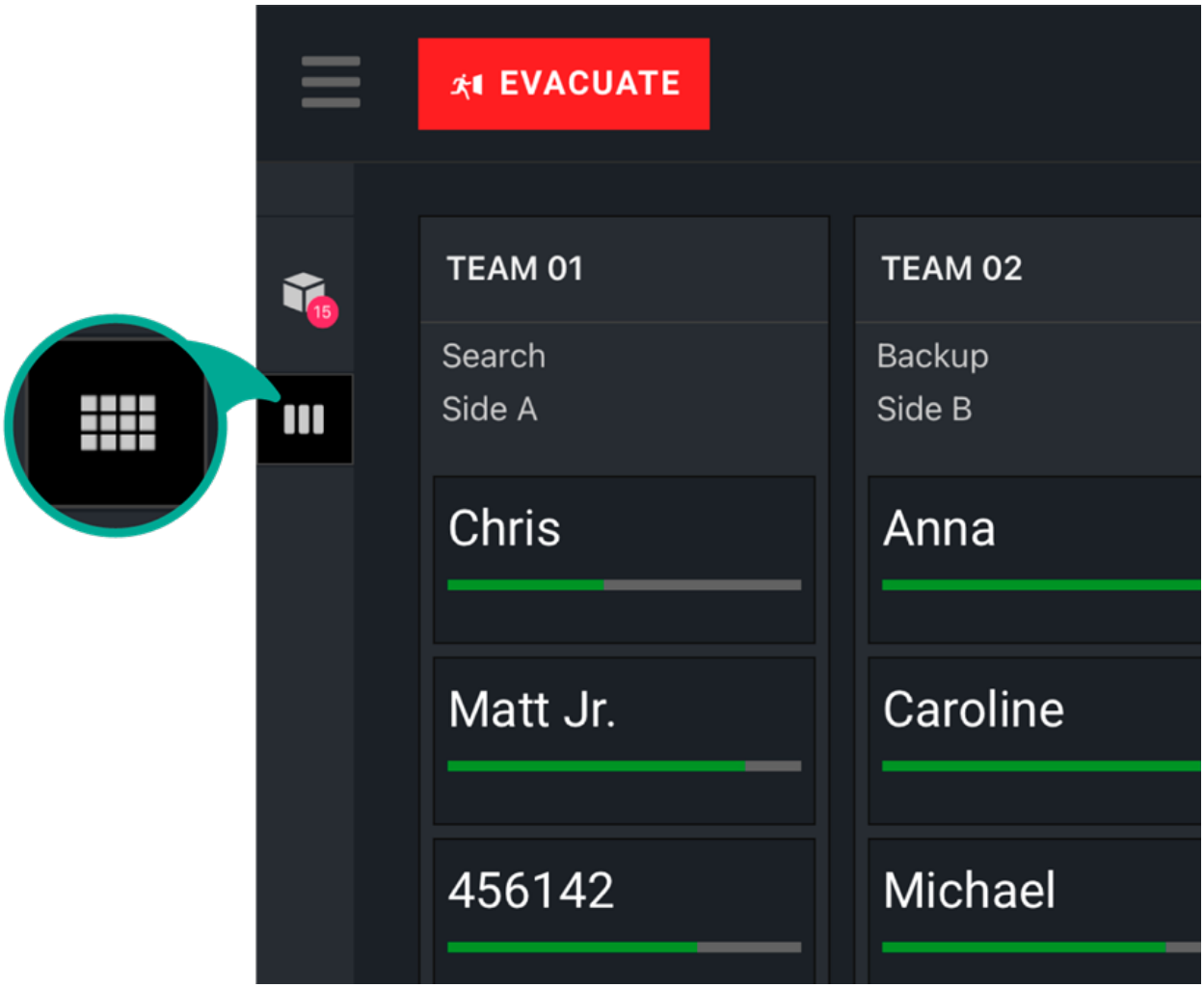


#	Description
(01)	Menu
(02)	Accountability Groups

#	Description
(03)	View tile
(04)	Firefighters tab
(05)	Tasks tab
(06)	Location tab

Changing Views

Tap the **View tile** to open and switch between **Team Column View** and **Team Summary**. Tap one of the teams to see the **Team Detail View**.



3.2.1 Map View

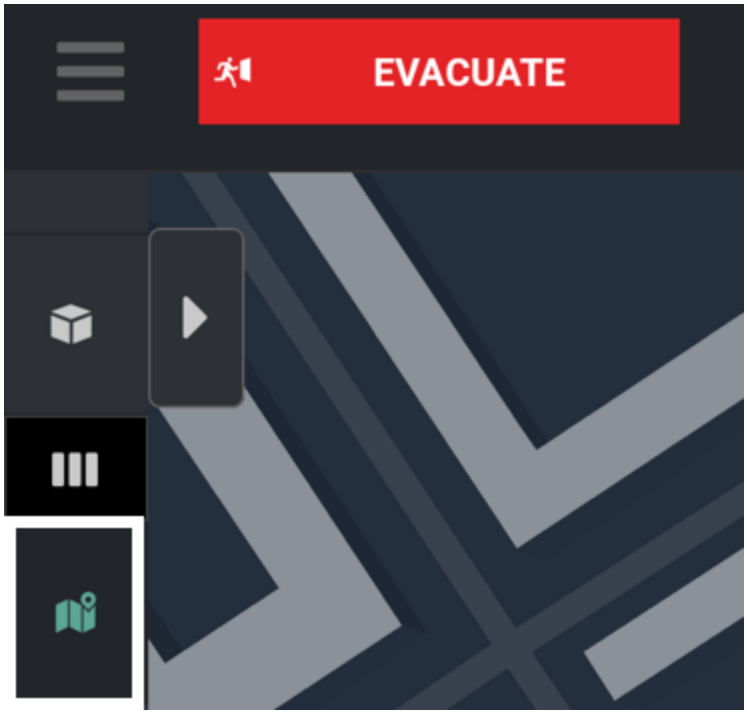
Table 1 Alarm Status on Pins

State	Pin Color
No Alarm	
Alarm	

State	Pin Color
Warning	
LTE Connection Lost	
GPS Lost	

Accessing Map View

Click the navigation tool bar at left to access Map View



FireGrid Map and Satellite Views

Figure 1 Map View, Default mode (with pins of Firefighters)

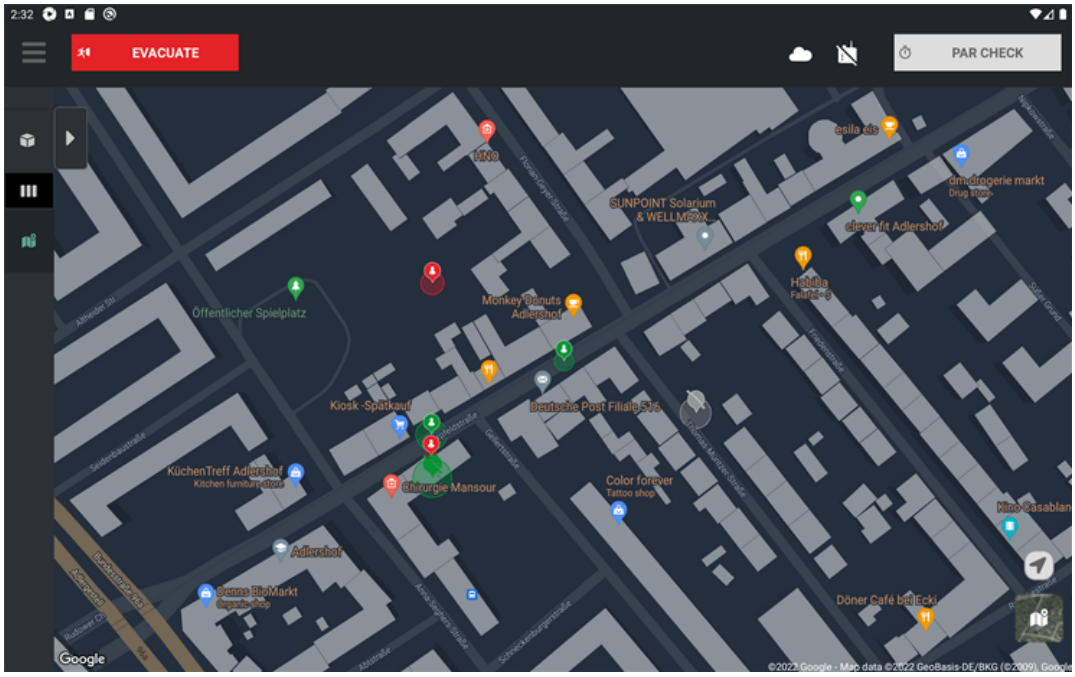


Figure 2 Map View, Satellite mode (with pins of firefighters)

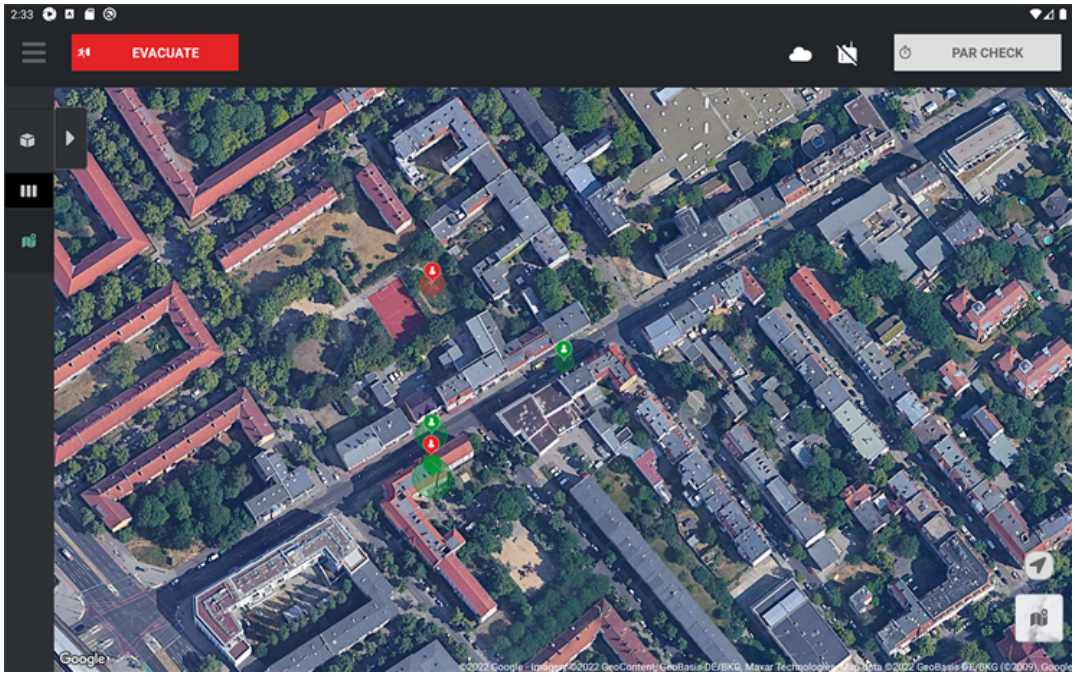


Figure 3 Map View, Default mode (showing overlay with list of Teams)

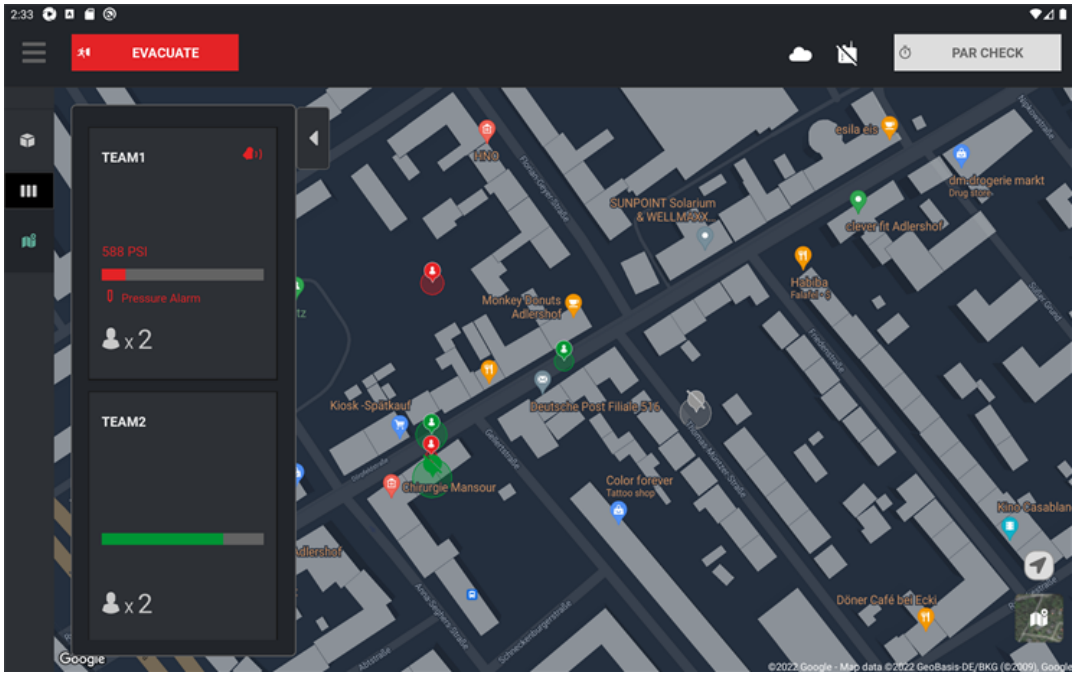


Figure 4 Map View, Satellite mode (showing overlay with the list of Teams)

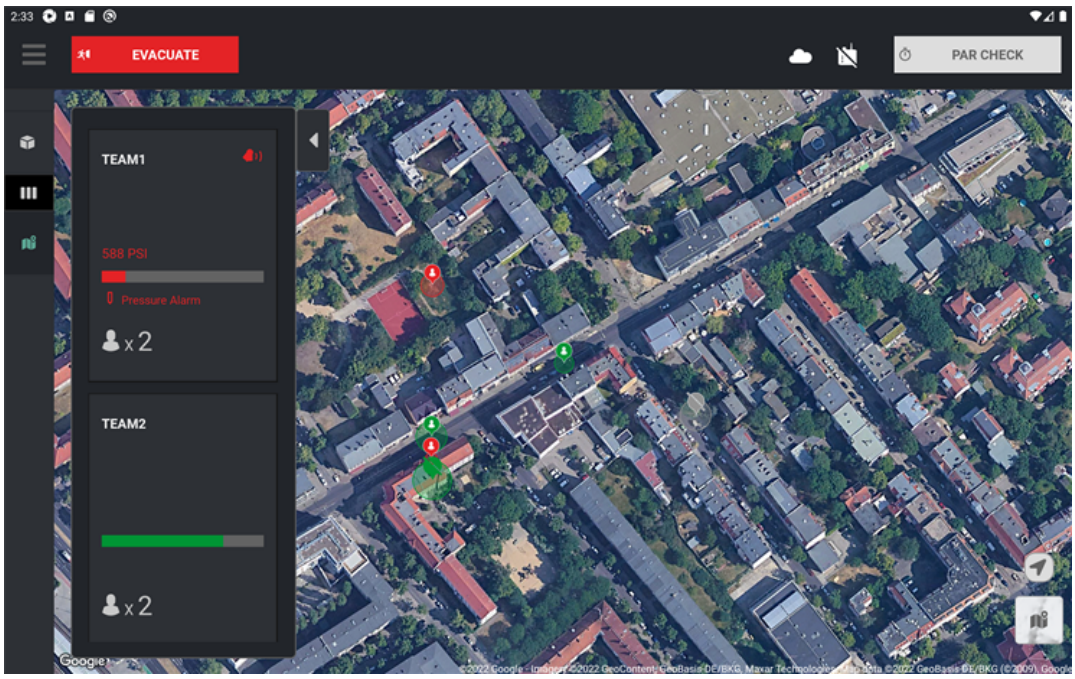


Figure 5 Map View with an overlay showing specific team with Firefighters.

NOTE: Firefighters assigned to the selected team have larger pins on Map.

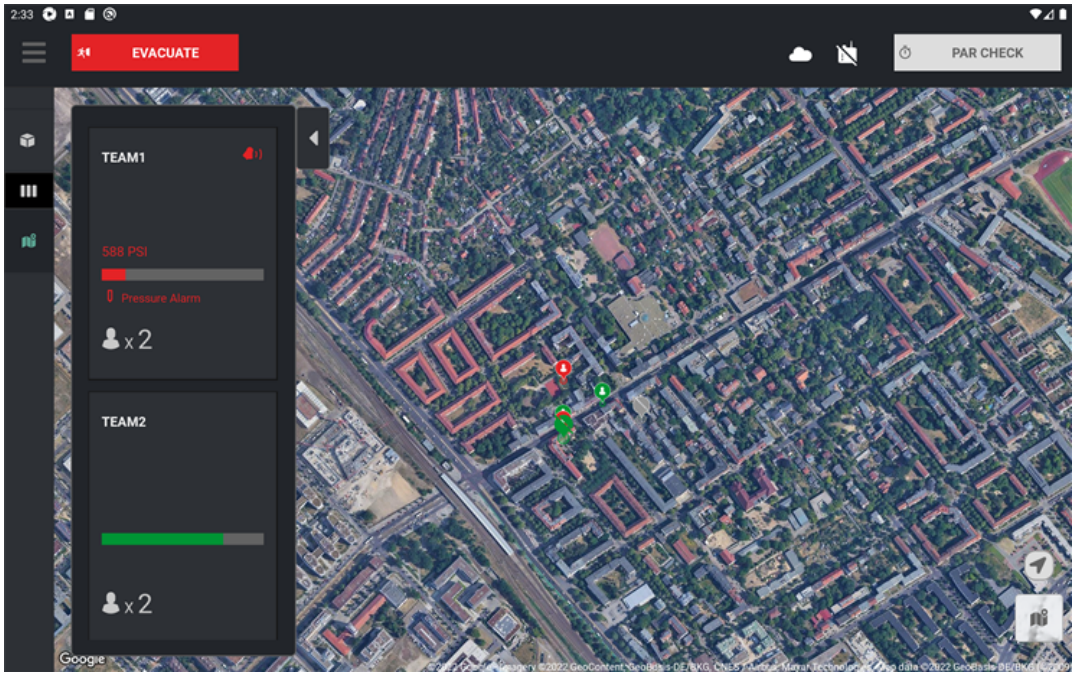


Figure 6 Map View with a Firefighter detail view, and the Firefighter tag

NOTE: Tag shows the Firefighter name and the alarm information.

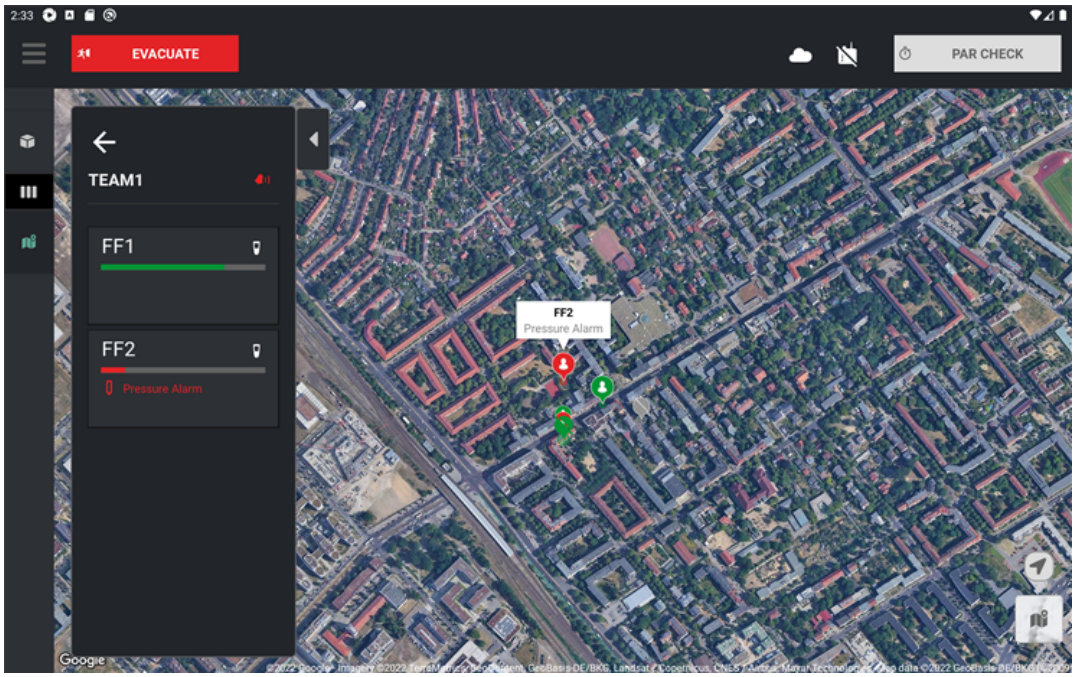
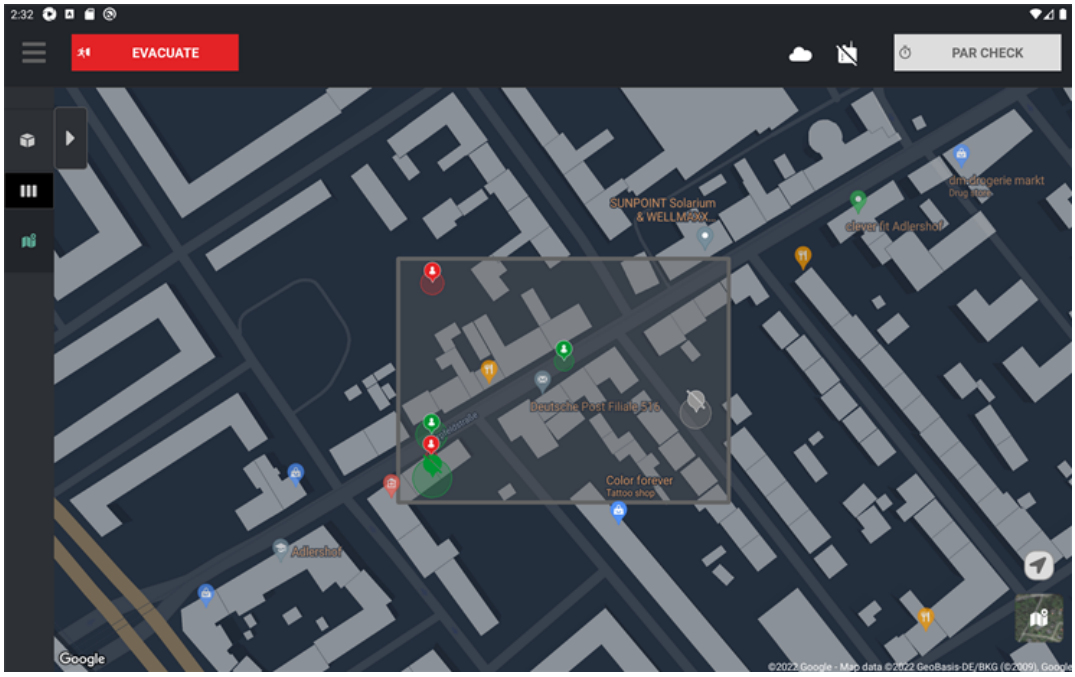
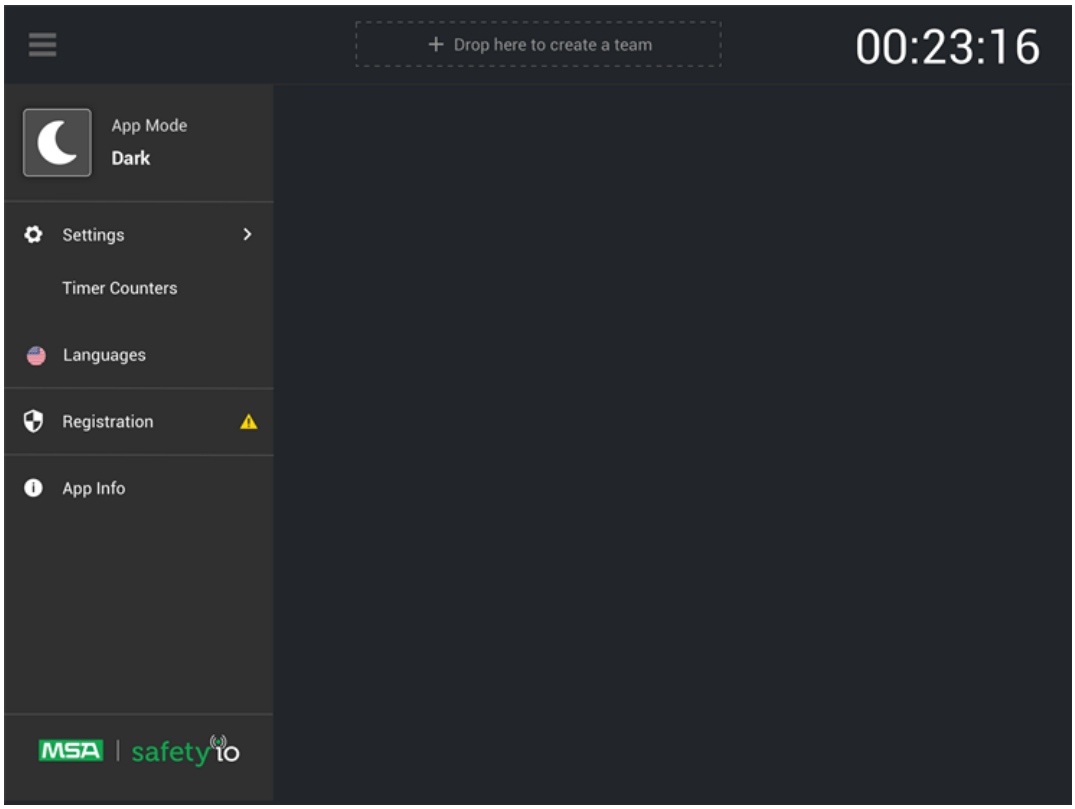


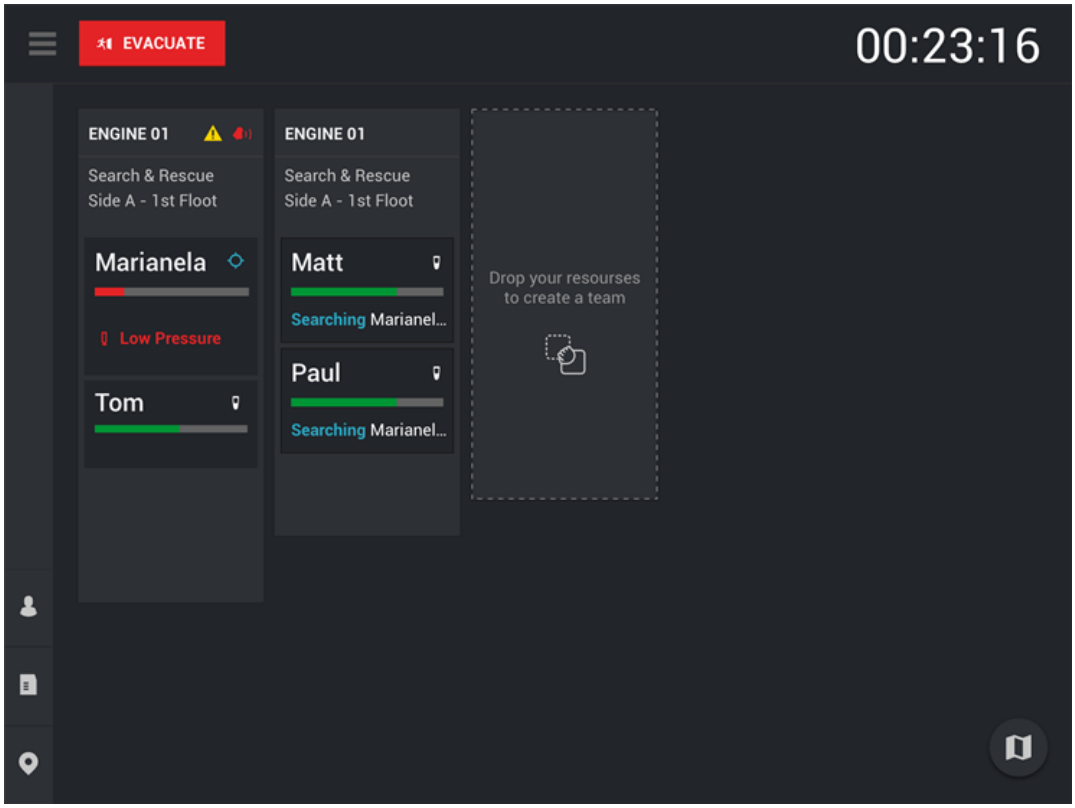
Figure 7 MapView showing pins together after center aligning the map

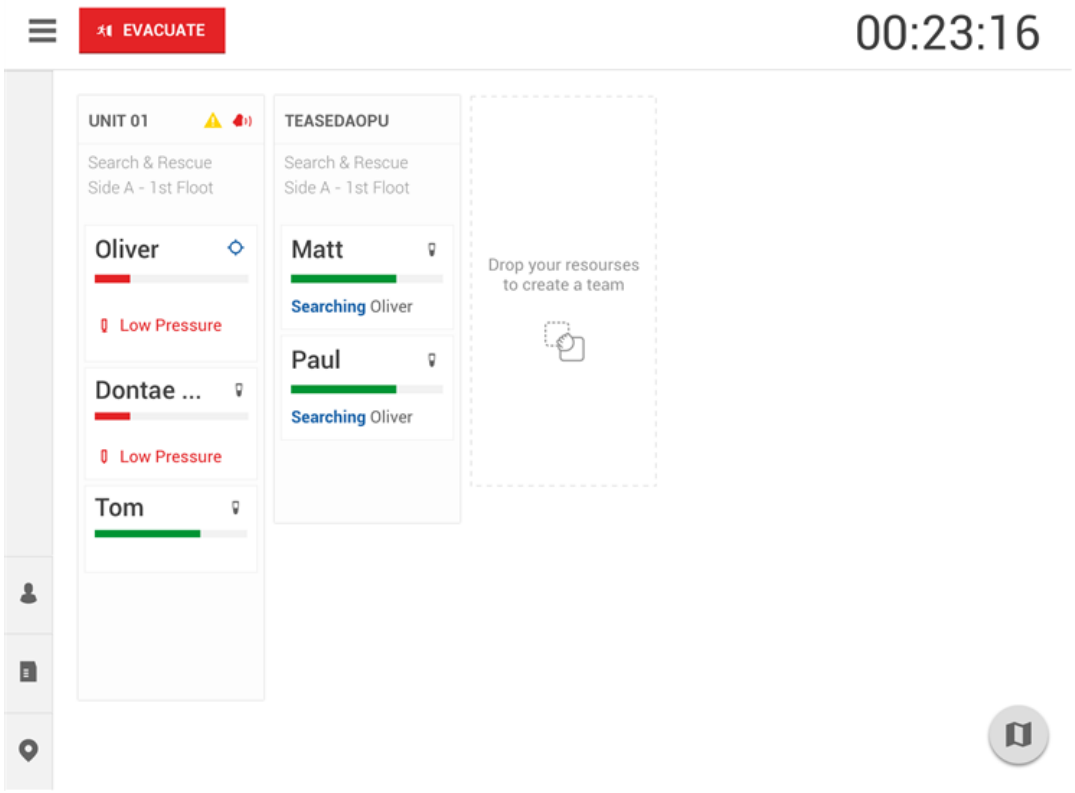


3.2.2 App Mode

1. Tap the Menu icon.
2. Tap **App Mode** to switch between **Dark**and **Light**mode.

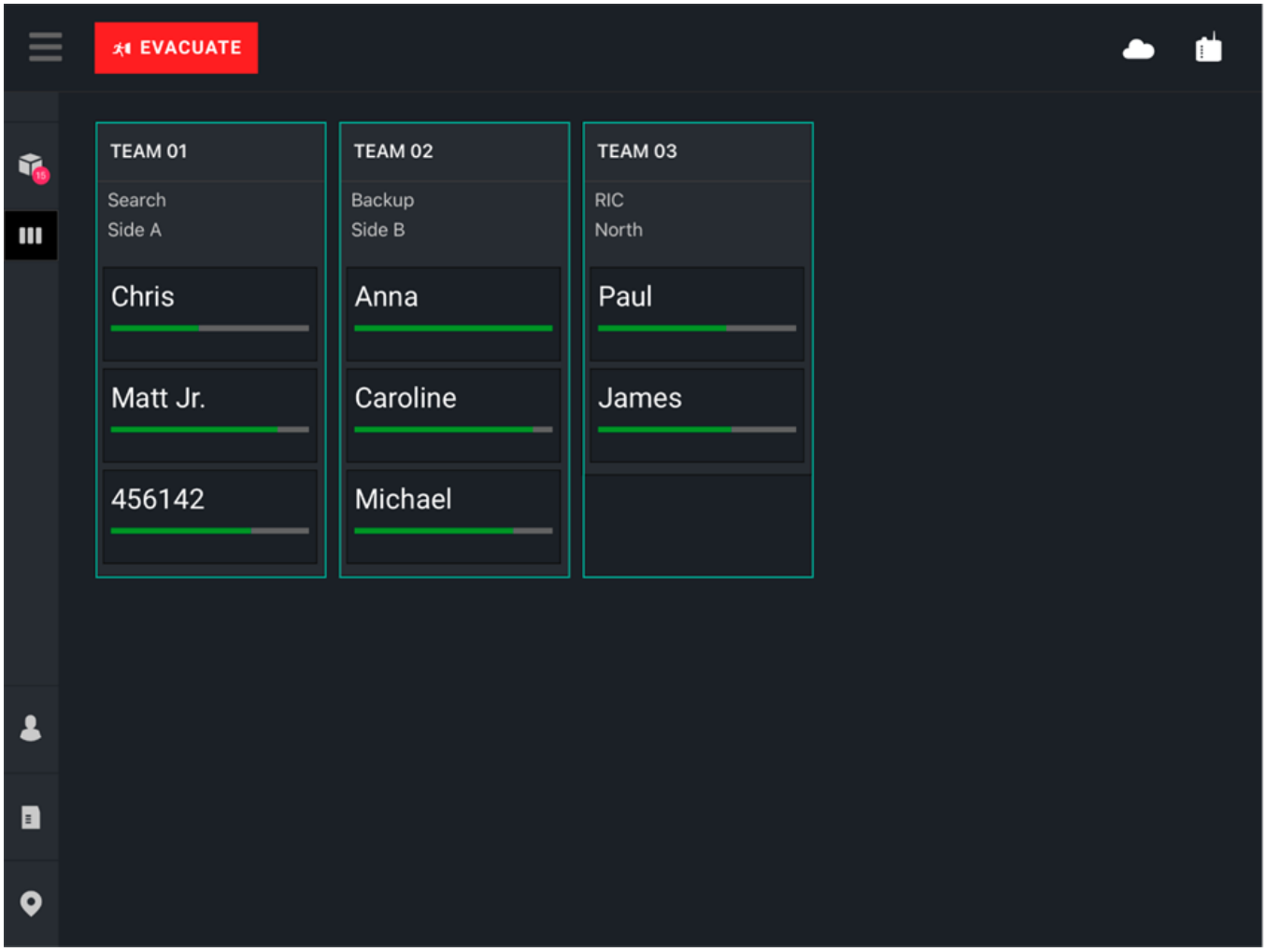


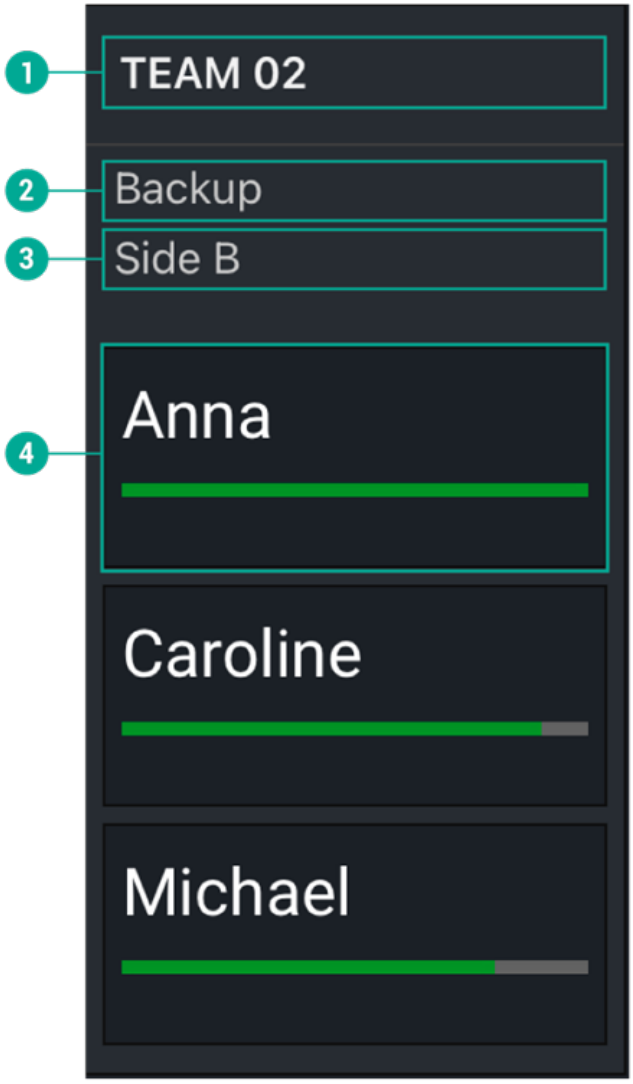




3.2.3 Team Column View

In **Team Column View**, the ID assigned to the connected device, task, location, and air pressure of each firefighter is displayed. See Personalizing a Connected LUNAR Device for more information about assigning an ID to a connected device.

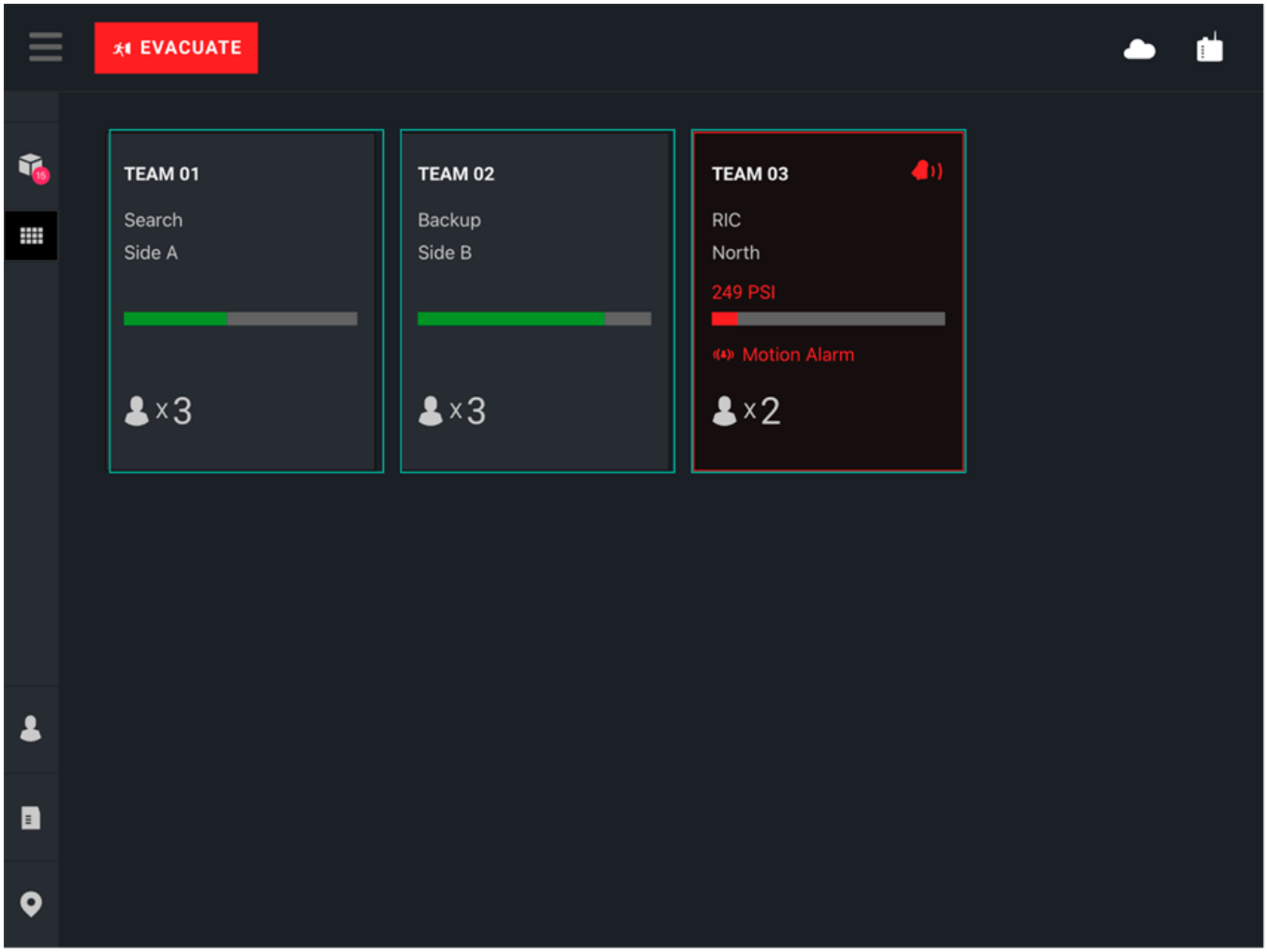

EVACUATE
TEAM 01
Search
Side A
Chris
Matt Jr.
456142
TEAM 02
Backup
Side B
Anna
Caroline
Michael
TEAM 03
RIC
North
Paul
James

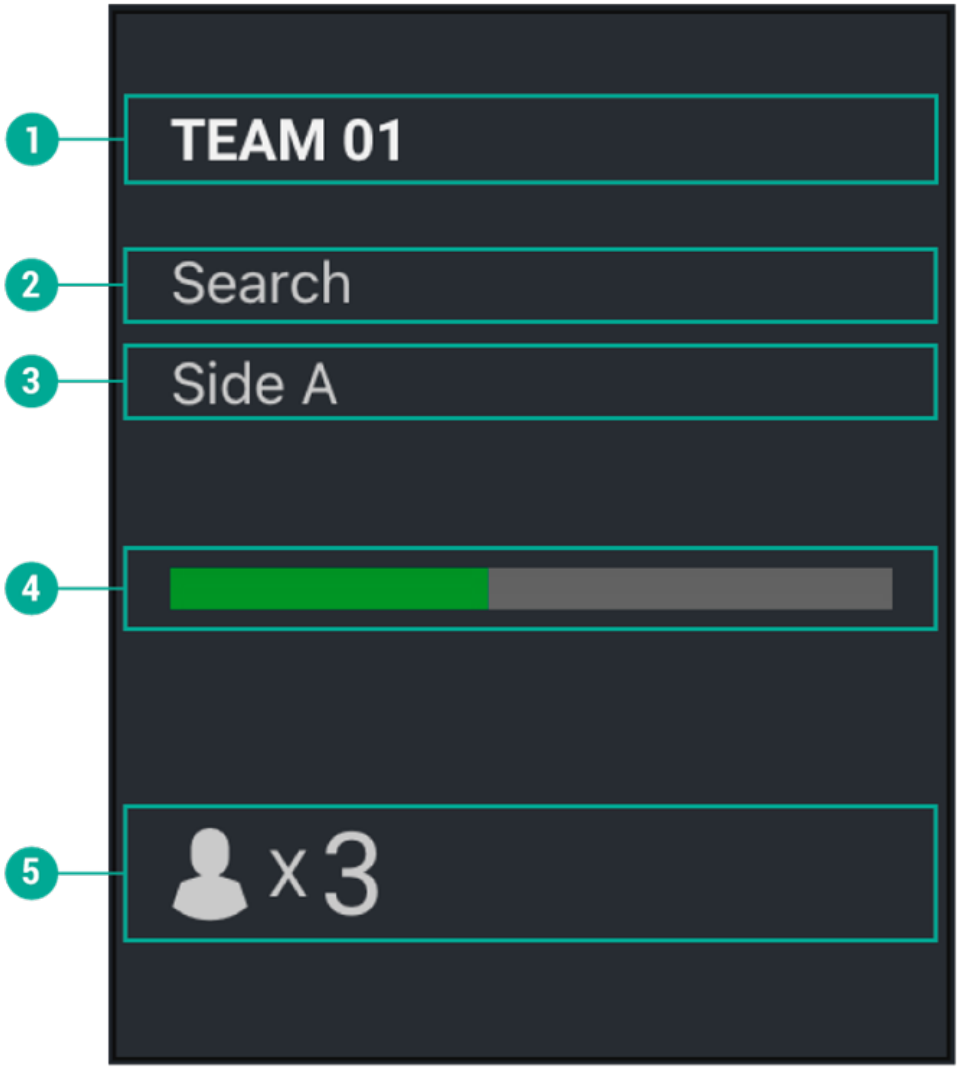


#	Description
(01)	Team name
(02)	Team task
(03)	Team last location
(04)	Firefighter name and air pressure

3.2.4 Team Summary

The **Team Summary** shows all teams and the number of firefighters assigned to each team, along with assigned team tasks, location, and any active Pressure Alarms on connected devices. If there are no active Pressure Alarms, a team's pressure line appears green.

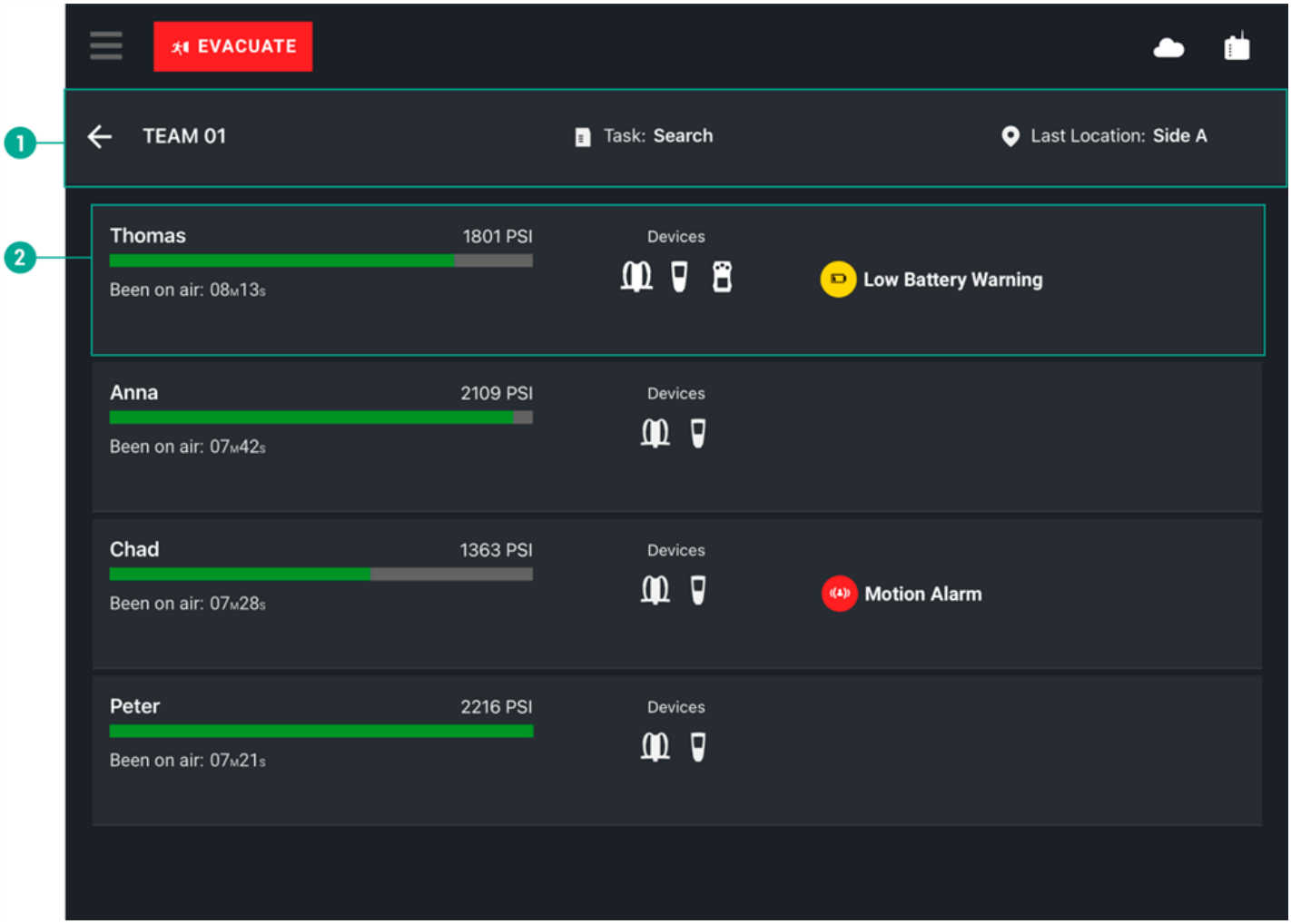

EVACUATE
TEAM 01
Search
Side A
x3
TEAM 02
Backup
Side B
x3
TEAM 03
RIC
North
249 PSI
Motion Alarm
x2



#	Description
(01)	Team name
(02)	Team task
(03)	Lowest air pressure in the team
(04)	Number of firefighters in the team

3.2.5 Team Detail View

Team Detail View shows additional information about each firefighter assigned to the team, including how long he has been on air, which connected devices he is carrying, and any active alarms or warnings.



#	Description
(01)	Team header, including task and location
(02)	Firefighter tile

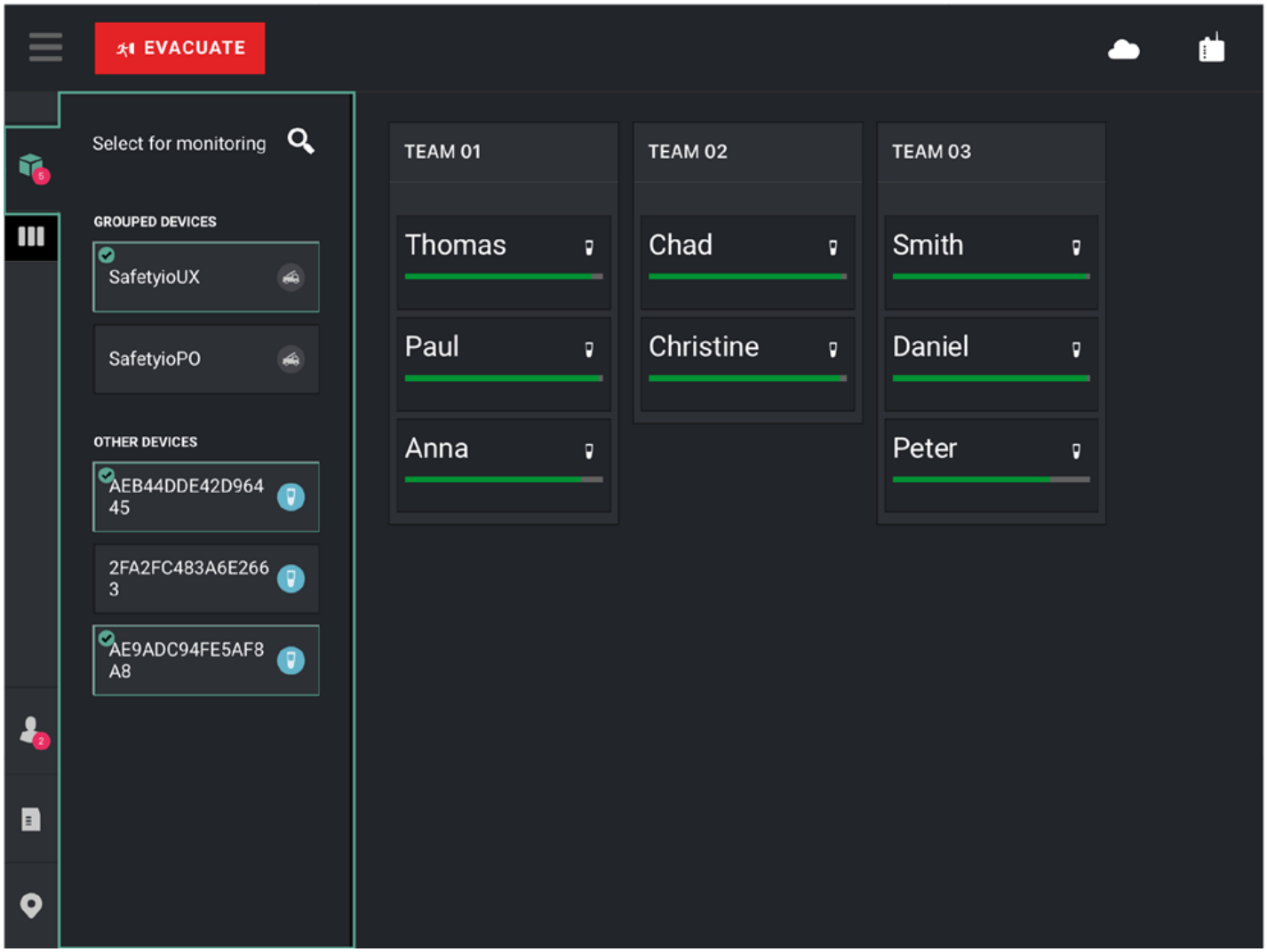
#	Description
(01)	Firefighter ID

#	Description
(02)	Air pressure information
(03)	Length of time the firefighter has been on the air
(04)	Devices used
(05)	Alarms and warnings

3.2.6 Accountability Groups

Accountability Groups allow you to group together the devices (i.e. monitor tablet, LUNAR(s), and HUB(s)) to be monitored. Accountability Groups are created and managed in the FireGrid Web App.

To open or close the Accountability Groups panel, tap the **Groups** icon. Only the devices connected (i.e. turned on), registered, and linked to your account are visible in this panel.



Monitoring Accountability Groups and Devices

If the monitor tablet is assigned to an Accountability Group, the default dashboard view auto-populates with that group's information without user intervention. If the monitoring tablet is not part of an Accountability Group, you must open the panel and select which groups and/or devices you would like to monitor.

To monitor a group or device, tap the group or device in the Accountability Groups panel. The FireFighter part of the selected group will be displayed either in the dashboard (if personalized with a team name) or in the Firefighter Pool (if not personalized with a team name).

Stop Monitoring Accountability Groups and Devices

To stop monitoring a group or device, unselect it in the Accountability Groups panel. The group information is removed from the dashboard.

Searching for Accountability Groups and Devices

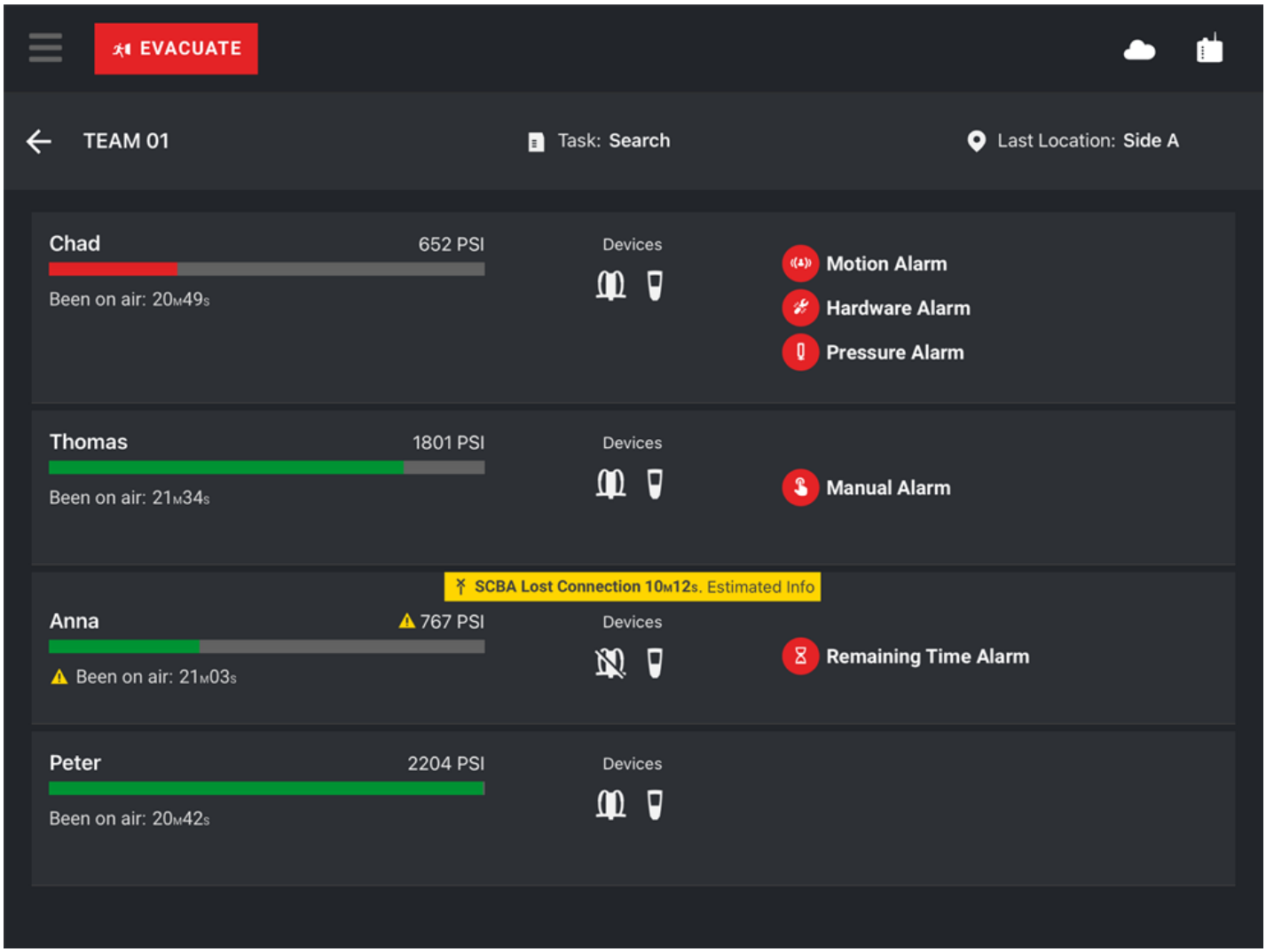
To search for a group or device, enter a name in the search bar at the top of the Accountability Groups panel and tap the **Search** icon.

NOTE: It is recommended that you create Accountability Groups before an incident to make the monitoring process easier.

3.3 Notifications

3.3.1 Alarms and Warnings

If a firefighter(s) on a team has one or more active alarms or warnings on a connected device, the **Alarm** and/or **Warning** icon is displayed at the top of the team column.



Alarm Types

Motion Alarm

Manual Alarm

Hardware Alarm

Remaining Time Alarm

Pressure Alarm

The pressure alarm is triggered at:

NFPA

- 35% of Cylinder Size
- 25% of Cylinder Size (pre 2013)

Rest of the world

- <60 Bar

Warning Types

Connection Lost Warning. Visible in **Team Detail View** only. Previously connected device(s) that have lost connection are listed.

Low Battery Warning

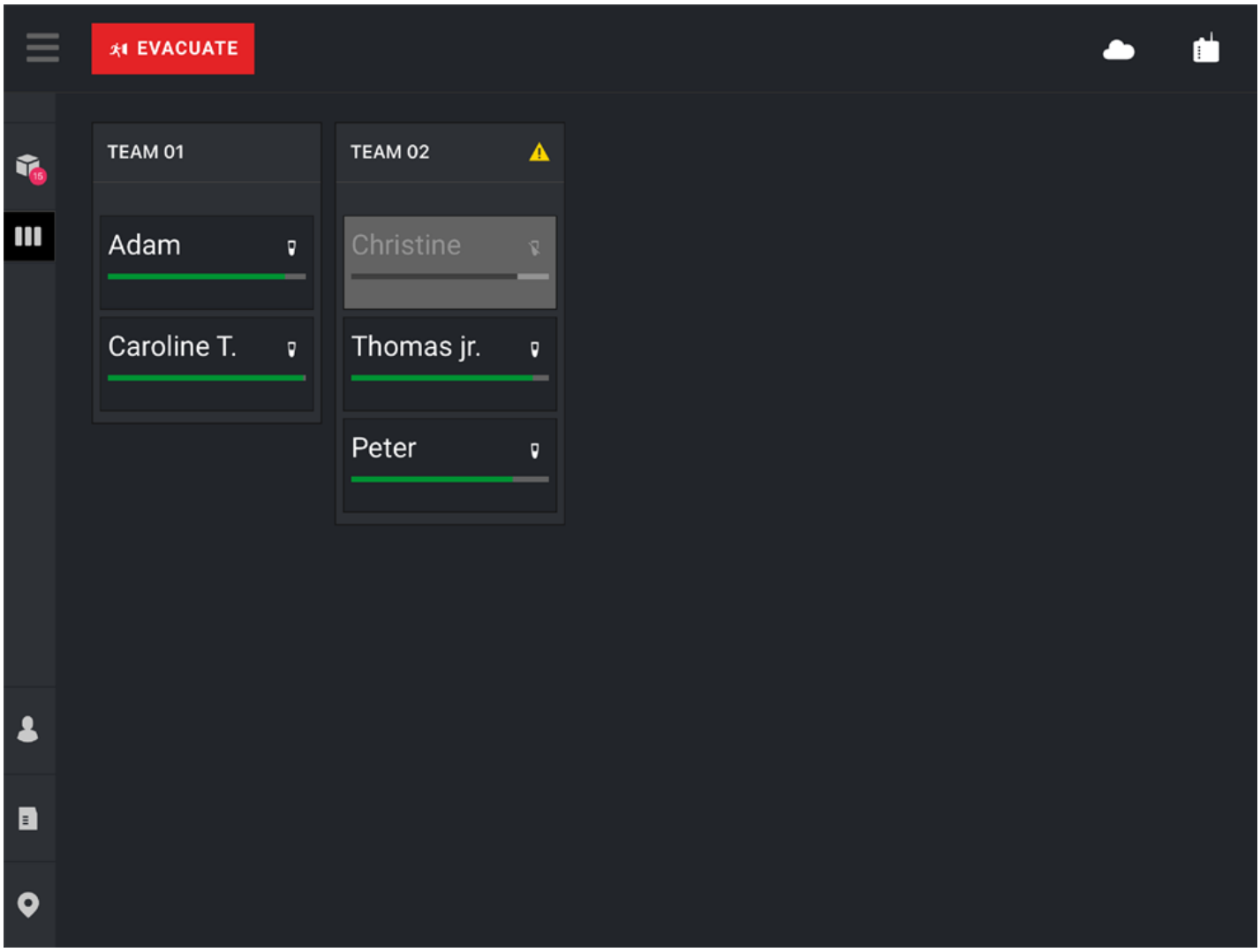
Gas Warning

3.3.2 Connection Status

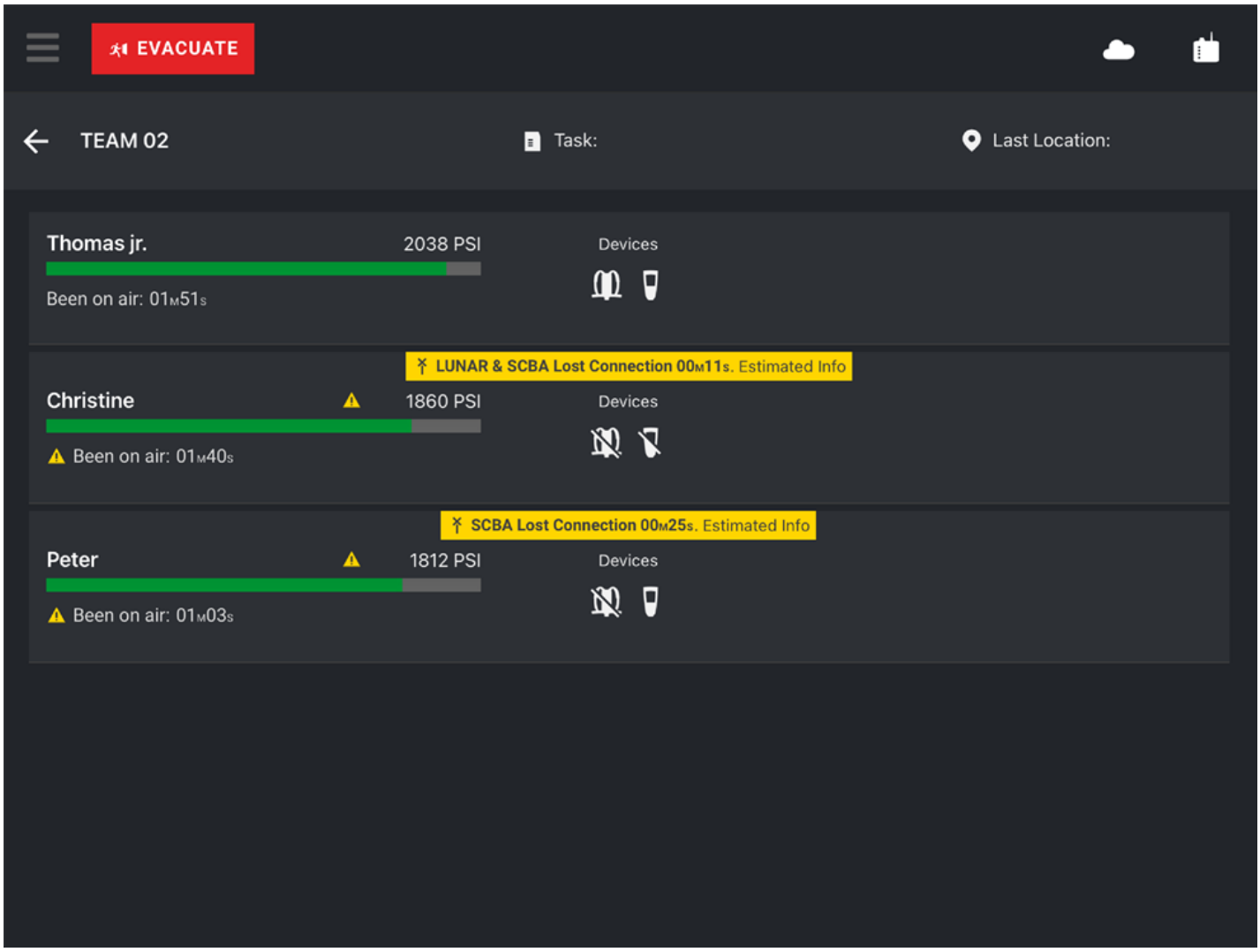
The status of connected devices appears next to the firefighter name in **Team Column View** and **Team Detail View**.

Cloud or Device	Connected	Lost Connection	Corrective Actions
Cloud	WiFi or LTE icon The icon shown depends on the tablet's connection type. 		Check the tablet's cellular radio and WiFi connection to ensure the tablet has internet access. If the tablet is not registered for cloud access, register the tablet to begin monitoring devices.
LUNAR			If LUNAR loses the LTE connection, check the device for cellular radio connection.
SCBA			If the SCBA loses connection, check: • The Bluetooth connection (if paired to a device). • The LRR connection and range from HUB.
Gas Detection			If the gas detector loses connection, check the Bluetooth connection to the SCBA.
HUB			If the HUB loses connection, check the device for power and network connectivity.

Team Column View



Team Detail View



WARNING!

Information provided with a warning icon and an indication that a device has lost connection is an estimate only. Alarms from devices that have lost connection will not be displayed. Evacuation signals will not be received by devices that have lost connection. Once a connection is lost, FireGrid can no longer receive data from a device or transmit evacuation signals to a device until it is reconnected.

Failure to follow this warning can result in serious personal injury or death.

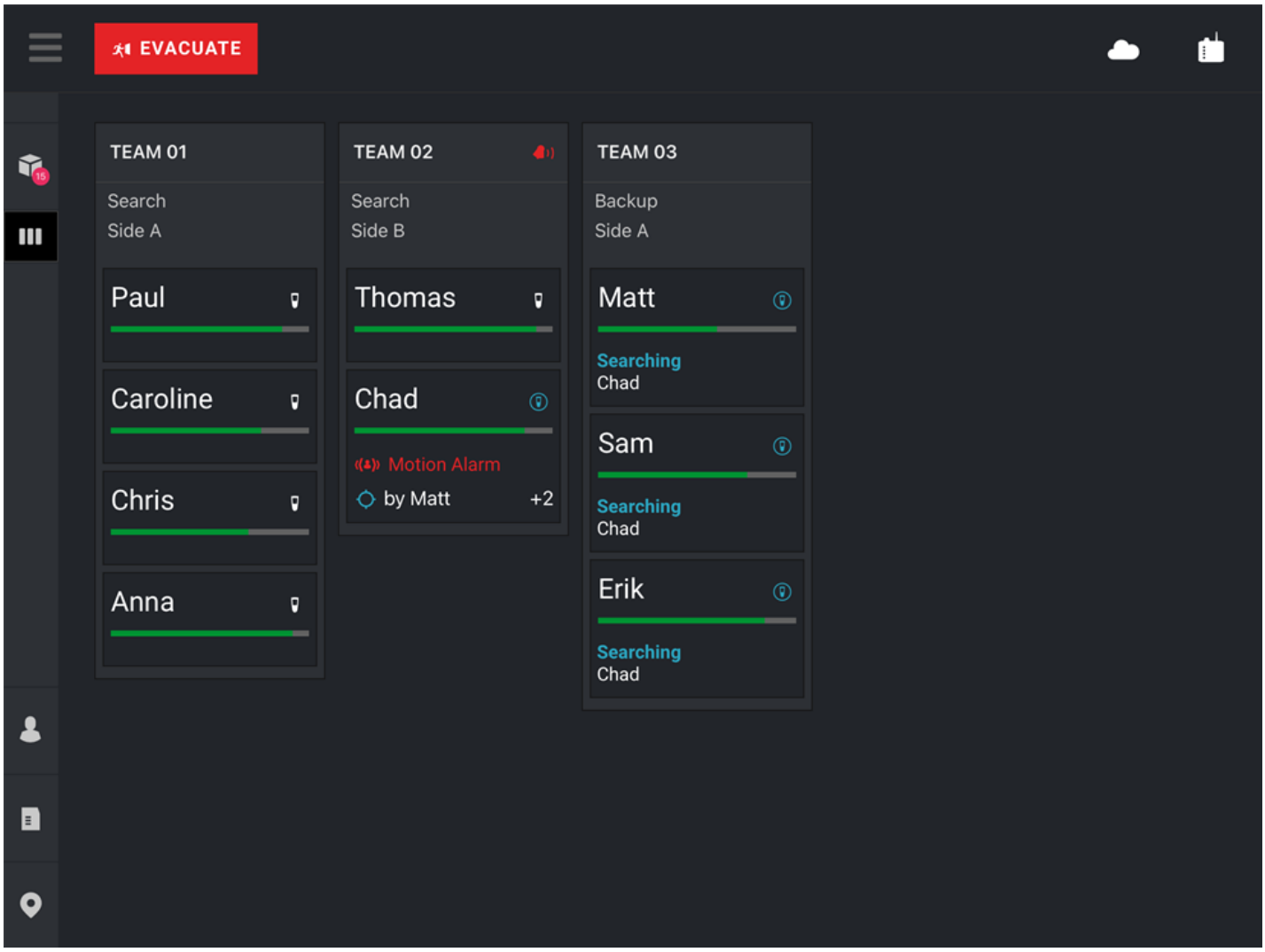
3.3.3 Search and Rescue

If a firefighter is performing a search and rescue task for a Target with a connected LUNAR device, each searcher and Target can be seen from **Team Column View** and **Team Detail View** in the FireGrid Monitor app.

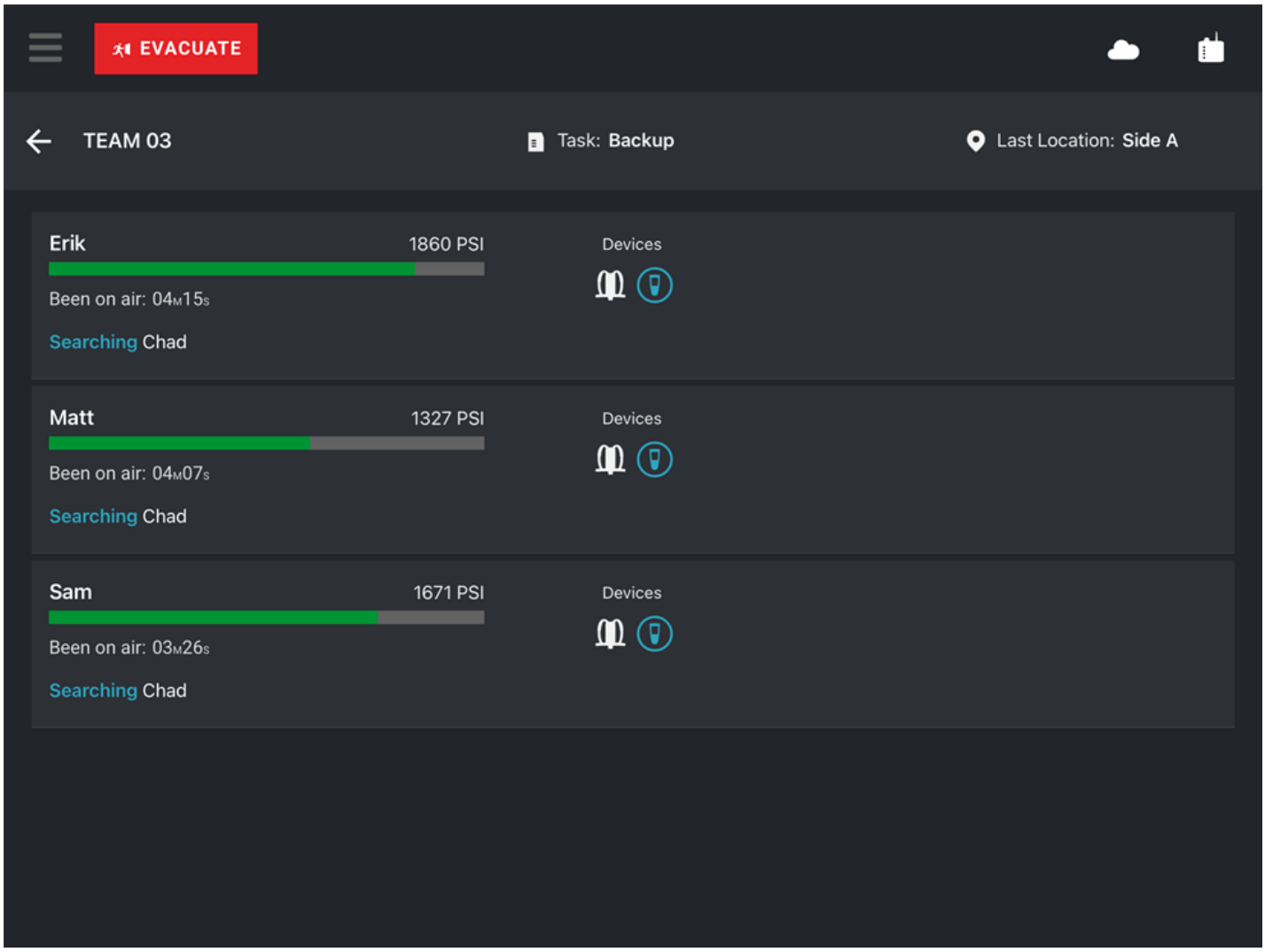
Searcher's LUNAR device is connected and actively searching for the Target.

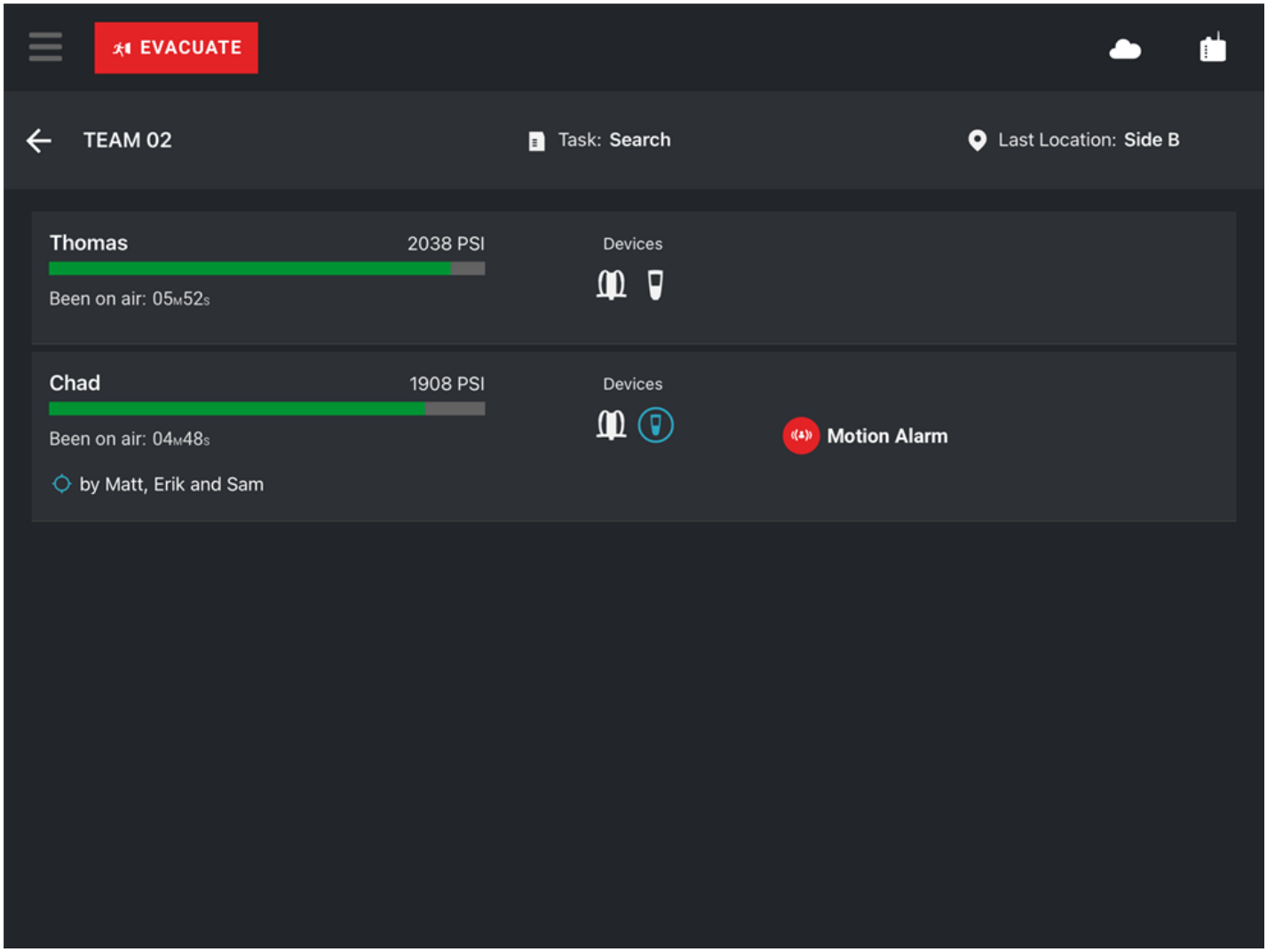
Target being actively searched for by searchers with connected LUNAR devices.

Team Column View



Team Detail View





3.3.4 Evacuating Teams

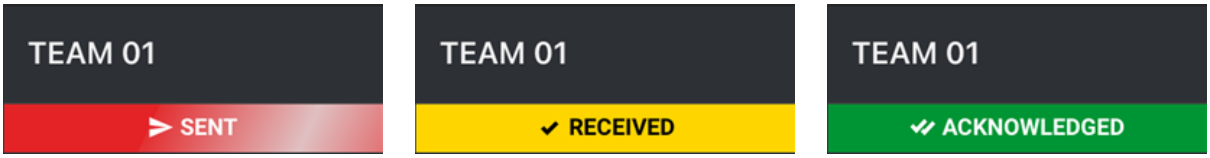
An Evacuate alert can be sent to all teams' LUNAR and other connected devices at one time from any view or it can be sent to a single team in **Team Detail View**.

NOTE: A firefighter, task, and location cannot be moved from one team to another during an evacuation.

Evacuate All Teams

1. Tap the **Evacuate** button at the top of the screen in any view.
2. Tap **Evacuate All Teams**.

   The Evacuate alert is sent to connected devices in all teams, and the evacuation progress updates once it has been received and acknowledged on all devices.



3. Once all firefighter acknowledgments are received, click the **Reset** or **Reset Evacuation** button.

Evacuate a Single Team (Team Detail View Only)

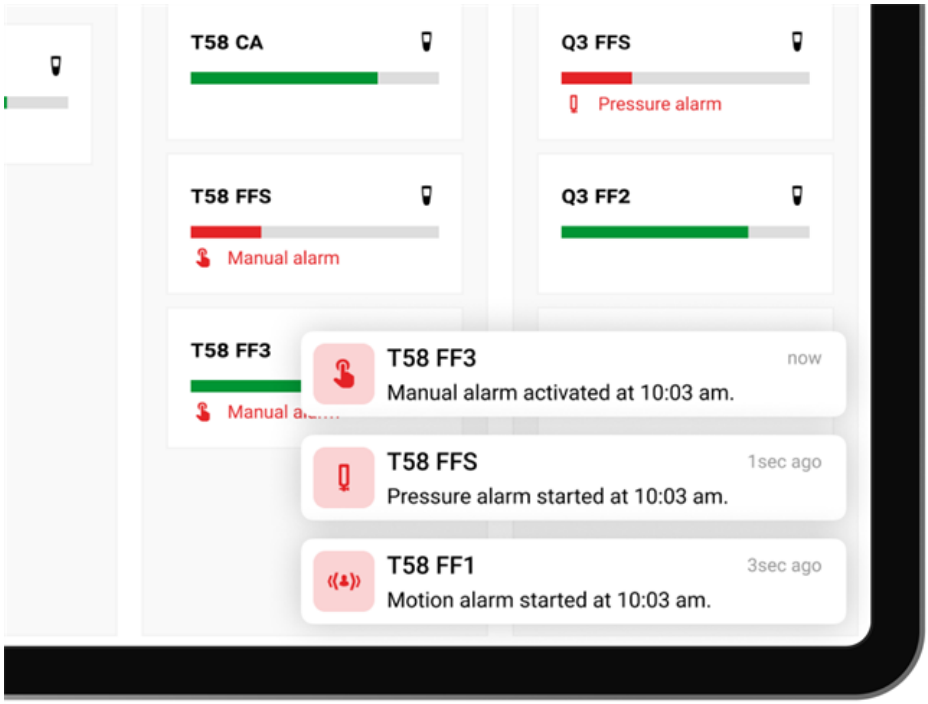
1. In **Team Detail View**, tap the **Evacuate** button at the top of the screen.
2. Tap **Evacuate Team**.

The Evacuate alert is sent to all connected devices in the specified team, and the evacuation progress can be seen under each firefighter. Evacuation progress for the team at the top of screen updates once it has been received and acknowledged on all devices.

3. Once all firefighter acknowledgments are received, click the **Reset Evacuation** button.

3.3.5 In-App Notifications

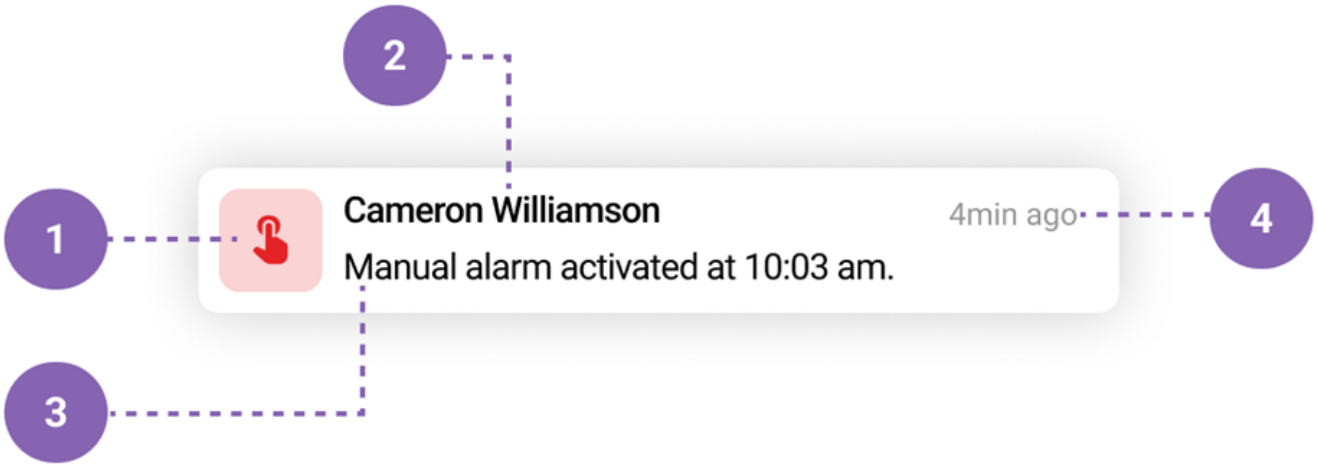
In-App Notifications draw attention of the Firefighter or Incident Commander while using FireGrid Monitor. They also provide history of the previous notifications during the incident.



In-App notifications incorporate the following rules/logic:

1. Notifications should be added to the queue which is displayed in the lower right hand corner of the screen and are **sorted by their time stamp** (newest notifications are displayed at the top of the queue).
2. **A maximum of 4 notifications** can be concurrently displayed in the queue. **After 4 seconds**, a notification is removed from the queue.
3. Tapping on notification will automatically navigate to the **Team Detailed view**. The Firefighter's card associated with the notification will be **highlighted for 2 seconds** with a show.
4. Active notifications (notification triggers that are still active) are displayed in **active section** of the notification center.
5. Active notifications (notification triggers that are no longer active) are moved from the **active section** of the notification center, to the **history section** of the notification center.
6. Non-active notifications (notification triggers that are no longer active) are moved from **active section** of the notification center, to the **history section** of the notification center.
7. Notifications include **audible feedback** which plays until a notification is acknowledged either; by pressing a pop-up notification in the bottom right hand corner; or by pressing a notification in the notification center.
8. Notifications play at the volume level set buy the **tablet's system settings**.
9. A **single notification sound is used for all "Alarm" notifications.** This includes: Motion (Alarm); Manual (Alarm); and Pressure (Alarm).
   No notification sounds are played for "Warnings," or "Events." *This includes: Connection Lost and Previous incident event*

The HUB Connection Activity View Controller (AVC) contains the following elements:

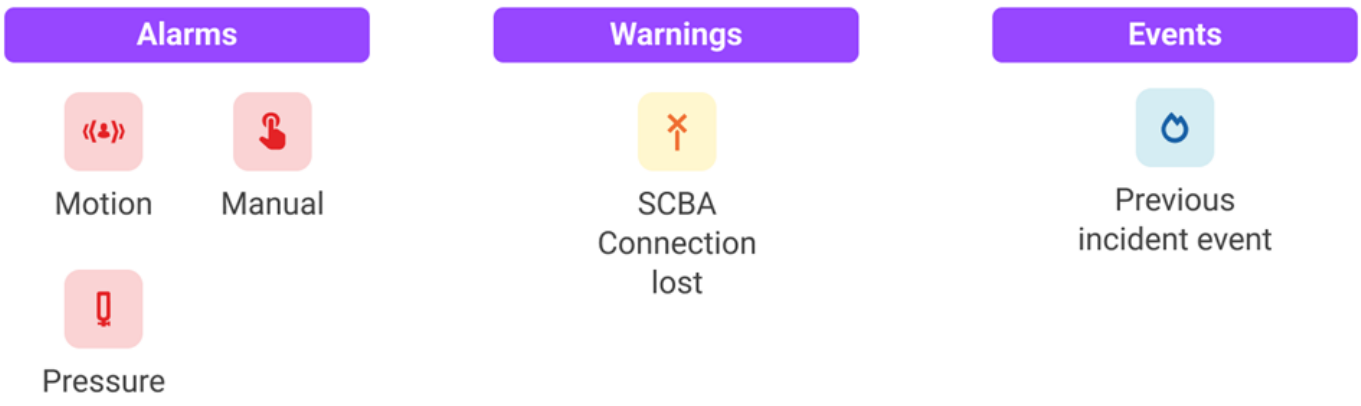


1	**Notification Icon:** The notification icon reflects the type of notification being displayed. See The notification icons reflect the following Alarms, Warnings, and Events: sectiofor notification types.
2	**Title or Firefighter Name:** The title, ID, or in the case of a Firefighter specific alert, name, is displayed on the notification card.

3	**Notification Information:** Notification information follows the following logic:
	• Alarms: [name of the alarm] activated/started at [hh.mm]am/pm
	  ○ Activated would be applicable for alarms, which are started manually by the user
	  ○ Started would be applicable for alarms, which have started automatically
	• Warning: [name of the alarm] started at [hh.mm]am/pm.

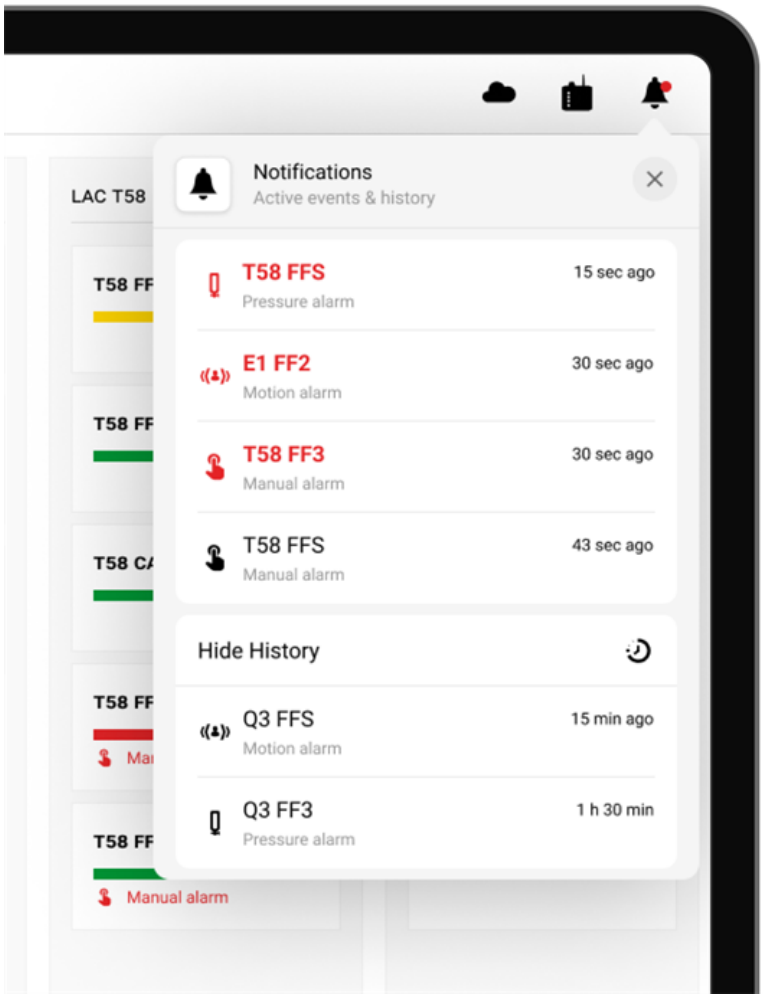
4	**Time Stamp:** The time stamp utilizes the following logicl • now - for a notification less then 2 seconds ago] • ##sec - until 59 seconds] • ##min - between 1 and 59 minutes] • ##h ##min - for a notification that is active for at least 1hour.

The notification icons reflect the following Alarms, Warnings, and Events:

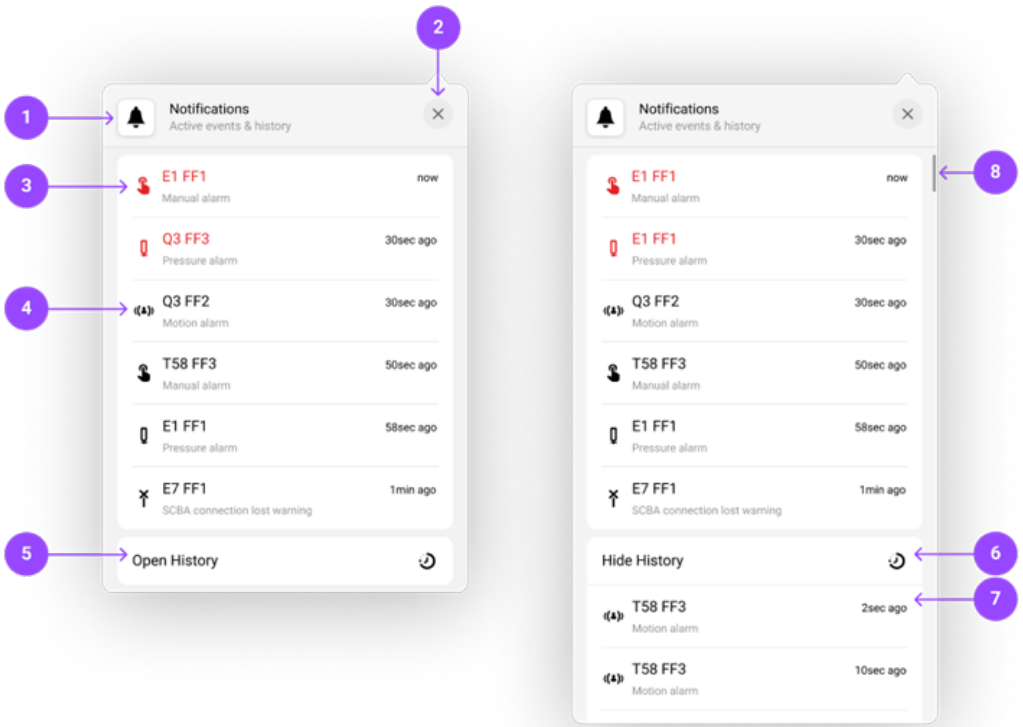


3.3.6 Notification Center

All active and passed notifications are stored in Notification Center. To check the notification center a Firefighter or Incident Commander can tap on the notification icon in the header. The Notification Center icon changes to reflect the state active notifications.

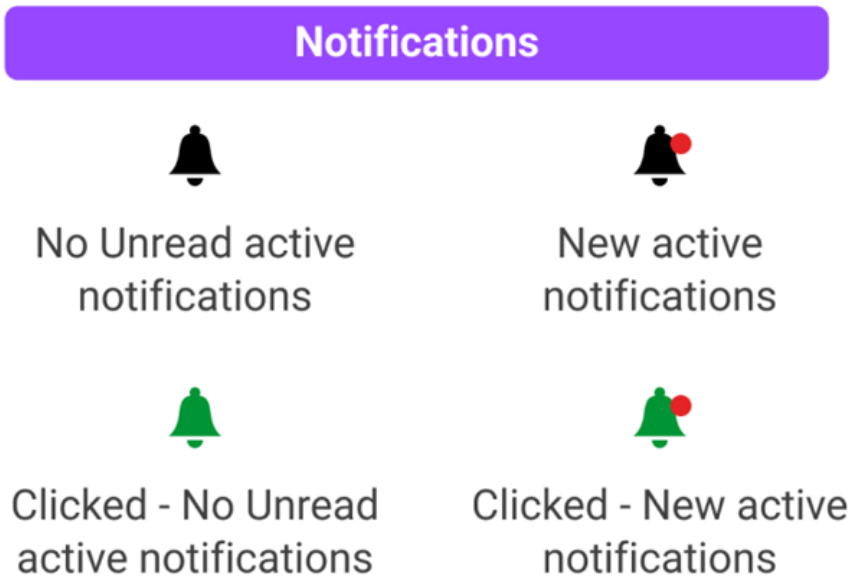


By default, the Notification Center is displayed with only active notifications visible. Past notifications can be viewed by selecting “Open History” at the bottom of the list.



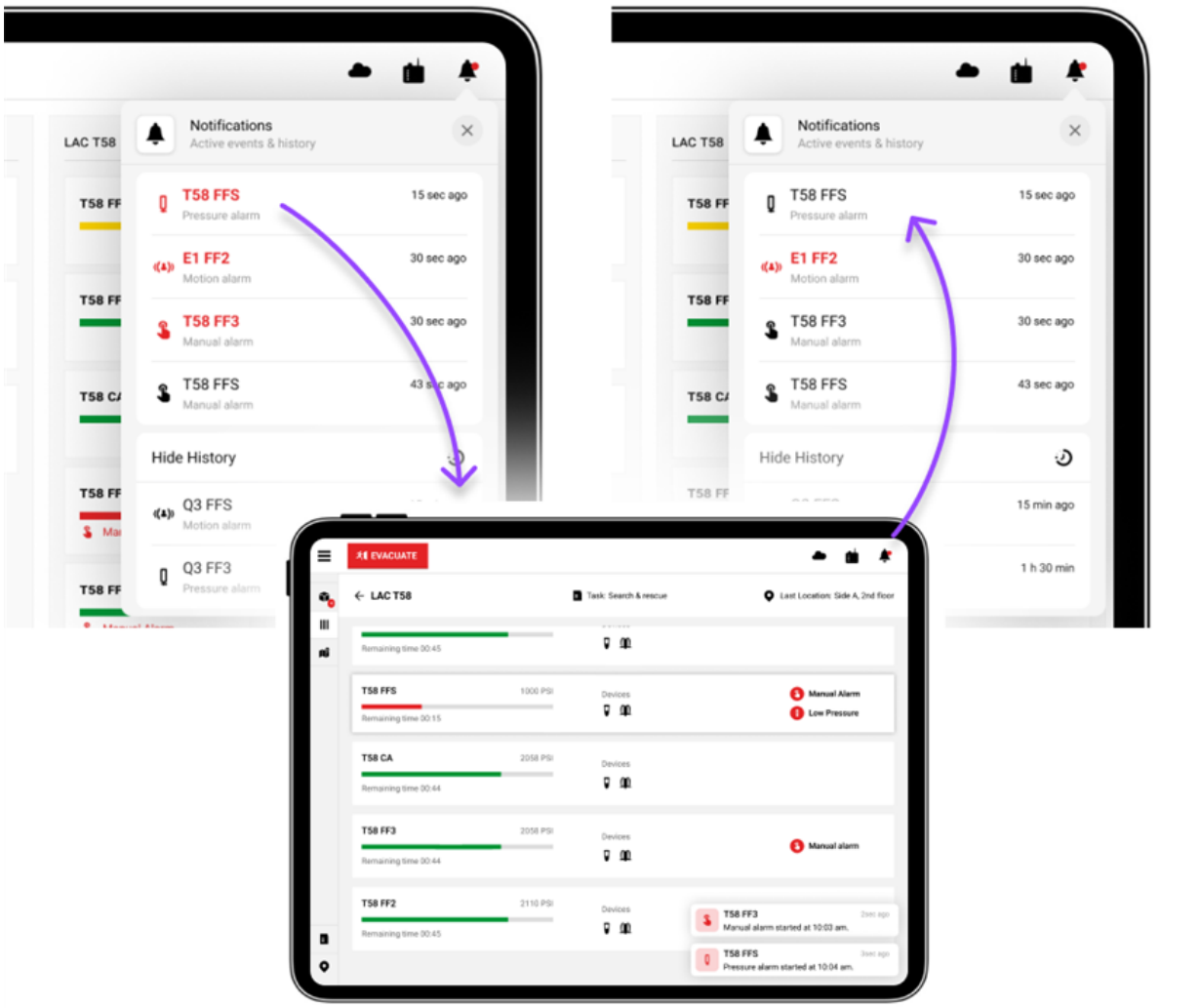
1	**Notification Center Icon:** This icon is static
2	**Close Button:** To close the notification center, Firefighters should tap on the “Close” button or tap anywhere outside of notification center.
3	**Unacknowledged Active alarms, warnings, events:** Active alarms consist of: • **An Icon** - The same icon as the in-app notification is used • **Title** - The title, ID, or in the case of a Firefighter specific alert, name is displayed • **Notification Information** - alarm/warning/event related information (not the started or activated time). Until the notification is “Acknowledged,” the notification text is displayed in red.
4	**Acknowledged Active Alarms:** Once a Firefighter or Incident Commander views an active alarm (either by pressing the pop-up notification or by selecting the notification in the notification center) the notification is considered “Acknowledged” and is displayed in black.
5	**Open History:** To open past alarms/warnings/events a Firefighter or Incident Commander can tap on the “Open history” block. This full block is interactive.
6	**Hide History:** After tapping on “Open History” (5), a new block, “Hide History”(6), with all historic alarms of this incident is opened. Tapping on “Hide History“ block will close historic list.
7	**Past Notifications:** Past notifications have the same general content as Active (alarms, warnings, events). Past notifications also include duration information: for [time# time unit].
8	**Scroll Indicator:** Scroll indicator is only displayed during active scrolling.

The Notification Center icon reflects the following statuses:



3.3.7 Audible Logic and Acknowledging Alarms

The Notification Center shows indicates whether or not active alarms have been acknowledged (viewed).



Unacknowledged alarms are displayed with red text in the Notification Center.
Acknowledged alarms are displayed with black text in the Notification Center.
When a new Notification is displayed, the audible tone is played untill acknowledged • Acknowledging a Notification, either by pressing a pop-up notification in the bottom right hand corner; or by pressing a notification in the Notification Center, **silences the audible tone for all Notifications**, but only acknowledges the selected Notification. • If multiple unacknowledged Alarms/Notifications are present within the same team, **acknowledging one of them, acknowledges all of them** (within that team).

3.3.8 Settings and Permissions for Out-of-App (Push Notifications)

Permissions Required

When the app runs the first time, app needs three (3) permissions:

1. Sending notifications
2. Discovering devices in the network

3. Location permission (If this is not enabled, the app can not prompt the user to activate notifications)

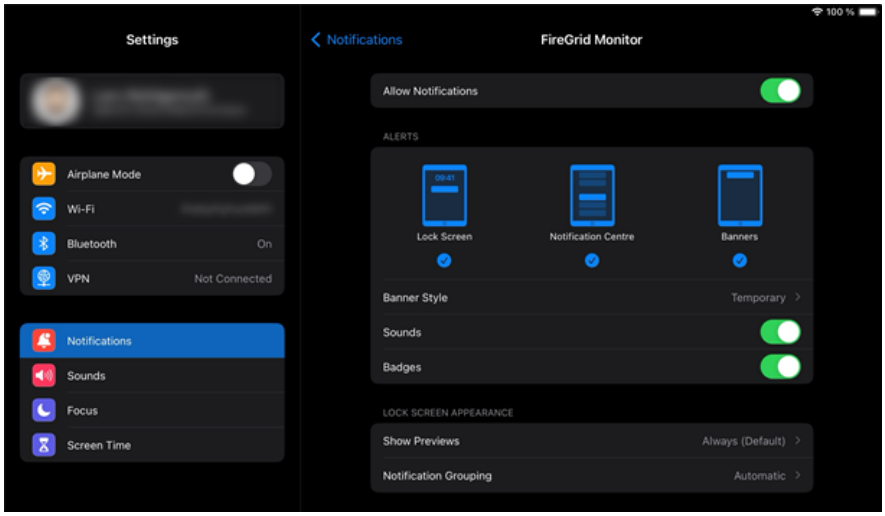
Required Settings

Following general settings must be in place to make the notification feature work properly.

General

- iPad sound should be active and to a hear-able volume level for your environment.
- iPad Focus / Do No t Disturb mode must NOT be active.

Notification Settings



1. Where to Configure:
   a. Go to Settings on the iPad and select Notifications
   b. Select FireGrid Monitor
2. What to Configure:
   a. Notifications must be activated for FireGrid Monitor
   b. Notification Grouping set to "Automatic"
      - The notifications from the app are grouped according to organizing criteria within the app, such as by topic or thread.
   c. Notification Banner Style: "Persistent"
      - This setting ensures that notifications will remain on the screen until you interact with them, helping you not to miss important alerts.
   d. Sound must be activated for Notifications of the FireGrid Monitor.

3.3.9 Push Notifications

When utilizing external applications without FireGrid Monitor actively running in the foreground or when the tablet is locked, push notifications shall be promptly triggered for the same alarms and warnings as detailed in the 'In-App Notifications' section.

Accessing push notifications requires users to grant permissions upon installing the app. If declined, push notifications will remain disabled.

To activate push notifications, users must navigate to the Tablet settings and follow these steps:

Settings → FireGrid Monitor → Notifications

9:41 Mon Jun 6
Monday, June 6
9:41
Manual alarm
E8 FF1 activated manual alarm
10:03 AM
Motion alarm
E8 FF2 motion alarm activated
10:03 AM
Motion alarm
E8 FFS motion alarm activated
Motion alarm
E8 CA motion alarm activated
9:41 Mon Jun 6
Monday, June 6
9:41
Manual alarm
T58 FF3 activated manual alarm
now
Pressure alarm
T58 FF3 has low pressure, 15 min remaining
10:14 AM
Motion alarm
E7 FF1 motion alarm activated
10:14 AM
Motion alarm
E7 FF1 motion alarm activated
10:11 AM

3.4 Configuration

3.4.1 Creating a New Team

1. Long press a firefighter tile.
2. Drag and drop it in the **Create a team** area.
3. Enter a name for the team. A unique name for each team is required.

NOTE: An empty team, or a team without firefighters, can also be created by dragging a task or location and dropping it in the *Drop* area.

3.4.2 Re-assigning a Firefighter

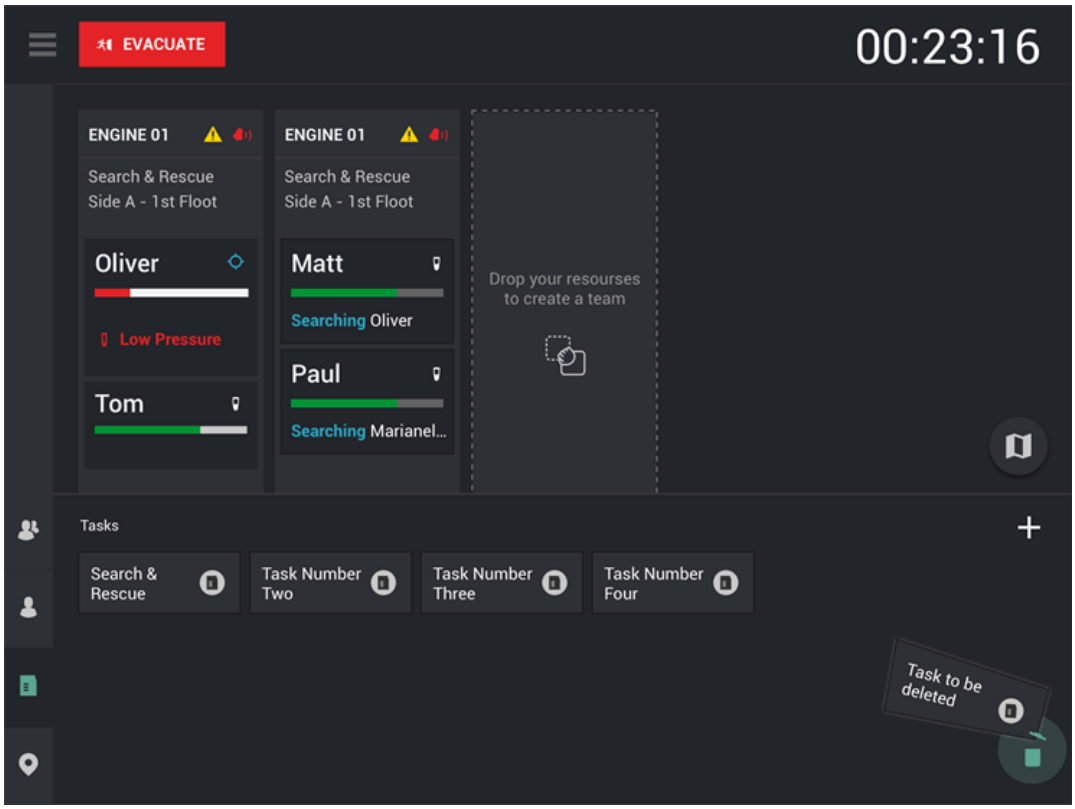
1. In **Team Column View**, long press a firefighter name under a team column.
2. Drag and drop it onto the desired team column, which will appear highlighted when hovered to identify it as the target of the drop.

3.4.3 Creating a Task or Location

1. In **Team Column View** or **Team Summary**, tap the **Task** or **Location**icon to open the **Task Pool** or **Location Pool**.
2. Tap the **Plus** icon.
3. Enter a **Task Name** or **Location Name** and tap **Add**. The task or location is added to the **Task Pool** or **Location Pool**, respectively.

3.4.4 Deleting a Task or Location

1. In the **Task Pool** or **Location Pool**, tap the **Task** or **Location** icon.
2. Long press the task or location.
3. Drag and drop it over the **Trash** icon.



4 FireGrid Configure Mobile App

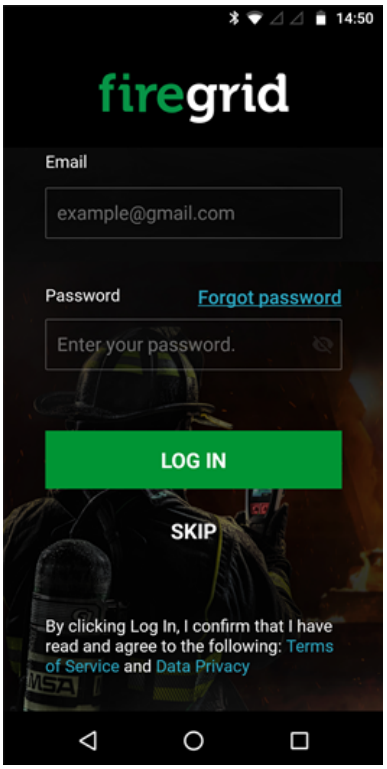
4.1 Logging into FireGrid Configure

Logging into FireGrid Configure allows you to apply new or saved configurations and personalizations, download data logs, and install firmware updates to connected devices.

If you are not logged in, configurations and personalizations can be created and saved, but they cannot be applied until the devices are connected. Data logs can only be downloaded locally until a device is connected.

1. Download and install the **FireGrid Configure** app on the Android or iOS device.

2. Enter an **Email** address and **Password**.

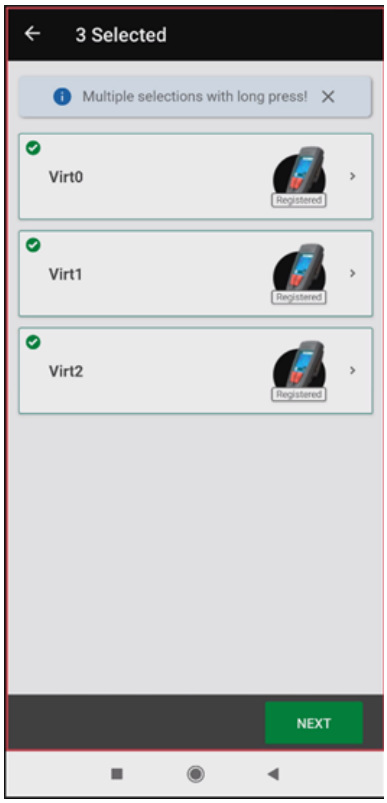


3. Tap **Log In**. If a FireGrid account has not been created previously, see Getting Started with a FireGrid Account to create an account.

4.2 Searching for Available LUNAR Devices

1. Connect LUNAR to the FireGrid Configure app.
   a. With LUNAR powered off, press either the **Down** or **Enter** button.
   b. Long press both buttons together.
   c. Select **DATA LINK**. LUNAR attempts to connect with FireGrid Configure.

2. In the FireGrid Configure app, tap **LUNAR**. The FireGrid Configure app searches for and displays all available LUNAR devices.

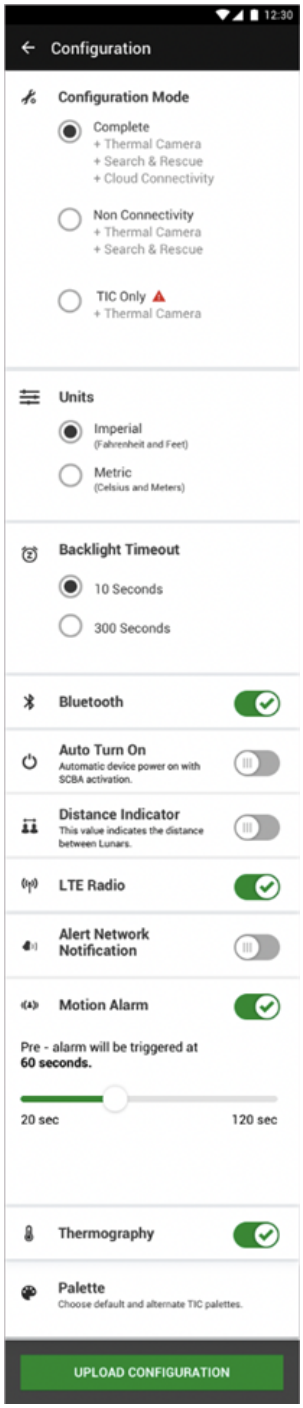


3. Tap the desired LUNAR device. To select multiple LUNAR devices, long press the first device and then tap each additional device. You can select up to six devices.

4. Tap **Next**. The *LUNAR Details* screen displays.

4.3 Configuring

To be configured, a LUNAR device must be connected to Bluetooth and paired with the device using the FireGrid Configure app. If the LUNAR device is not currently nearby, configurations can be created, saved, and then later uploaded. See Creating a Configuration for more information.



There are three configuration modes:

Icon	Mode	Description
	Complete	Device is working in Complete Mode with thermal imaging, search and rescue, and cloud connectivity enabled.
	No Connectivity	Device is working in Non-Connectivity Mode with thermal imaging and search and rescue enabled. Cloud connectivity/LTE is disabled. No data will be shared or stored within FireGrid.
	TIC Only	Device is working in TIC Mode with thermal imaging enabled. Search and Rescue, and cloud connectivity/LTE are disabled. The motion alarm is disabled, The device will not be able to be searched for and will not be able to search for other LUNAR devices. No data will be shared or stored within FireGrid.

To configure the Motion Alarm:

The Motion Alarm is a configurable feature on the LUNAR device. Motion alarm can be enabled, disabled, or enabled with a configurable change in timing for the pre-alarm to initiate. The motion pre-alarm is configurable on a sliding scale from 20 to 120 seconds. Full motion alarm will initiate approximately 12 seconds after pre-alarm.

When motion alarm is enabled, a full motion alarm from the device will engage the search and rescue network for the device, thus enabling the device to be searched for (provided that all other criteria for searching are met).

When electronically paired with an MSA SCBA, the LUNAR device defers to the SCBA motion alarm. The audible motion alarm on the LUNAR device will be disabled. The device will still visually indicate a motion alarm based on the SCBA motion alarm. The search and rescue network for the LUNAR device is engaged when the SCBA enters full motion alarm.

When motion alarm is disabled, a motion alarm WILL NOT engage the LUNAR search and rescue network. The device will not be able to be searched for unless the user initiates a manual alarm on the device or if there is a hardware alarm on the device.

⚠ WARNING!

- Disabling the motion alarm will disable audible motion alarms, disable visual indications of motion alarm on the device and disable the automatic engagement of the LUNAR search and rescue network upon full motion alarm. With the motion alarm disabled, the LUNAR search and rescue network can only be engaged for the device by initiating a manual alarm on the device or by a hardware alarm on the device. Without engagement of the LUNAR search and rescue network for the device, the device will not be able to be searched for.
- Do not disable the motion alarm unless there is an alternate means of alarming when a firefighter is motionless (for example, an alarm from another device).
- Do not disable the motion alarm if you want the capability to search for the LUNAR of a user in LUNAR full motion alarm who cannot initiate a manual LUNAR alarm.

Failure to follow these warnings can result in serious personal injury or death.

To configure a LUNAR device(s), see one of the following topics:

- Configuring One Device
- Configuring Multiple Devices
- Configuring a Device with a Saved Configuration

4.3.1 Configuring One Device

1. Select one LUNAR device to configure from the list of available devices.
2. In the *LUNAR Details* screen, select **Configuration** and tap the **Edit**icon.
3. Edit the desired settings and tap the **Upload Configuration** button.

4.3.2 Configuring Multiple Devices

1. To select multiple LUNAR devices, long press each one in the list of available devices.
2. Tap **Configure**.
3. Edit the desired settings and tap the **Upload Configuration** button.

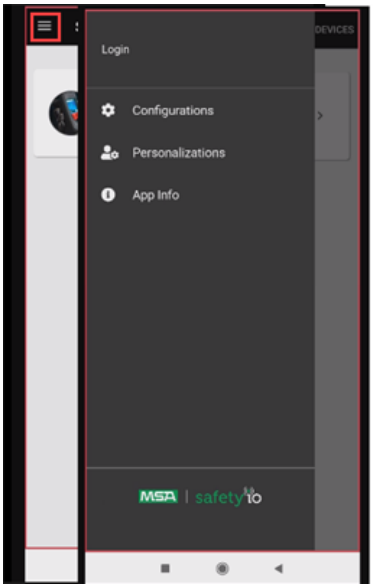
4.3.3 Configuring a Device with a Saved Configuration

Once a LUNAR device(s) is connected to Bluetooth and paired with the device that is using the FireGrid Configure app, a previously saved configuration can be uploaded.

1. Select one or more LUNAR devices.
2. Open the main menu and select **Configurations**.
3. Select a configuration from the list of saved configurations. To view details about a configuration, tap the drop-down arrow.
4. Tap **Upload Configuration**.

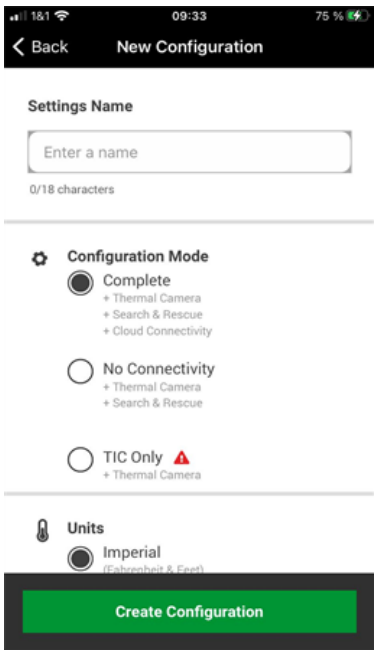
4.3.4 Creating a Configuration

If there are currently no connected devices, a configuration can be created, saved, and later uploaded to the device(s) once connected.



1. Open the main menu and select **Configurations**.
2. Tap **Configure**.

3. Tap the **Add** icon if this is the first configuration to be created; otherwise, tap **Create New Configuration**.



4. Select the desired settings and tap **Create Configuration** to save the configuration for uploading to a device(s) in the future.

4.4 Personalizing

In order to be personalized, a LUNAR device must be connected to Bluetooth and paired with the device that is using the FireGrid Configure app. If the LUNAR device is not currently nearby, personalizations can be created, saved, and then later uploaded to the device. See Creating and Saving a Personalization for more information.

A device can be personalized with a firefighter's name, team name, seat number, and department.

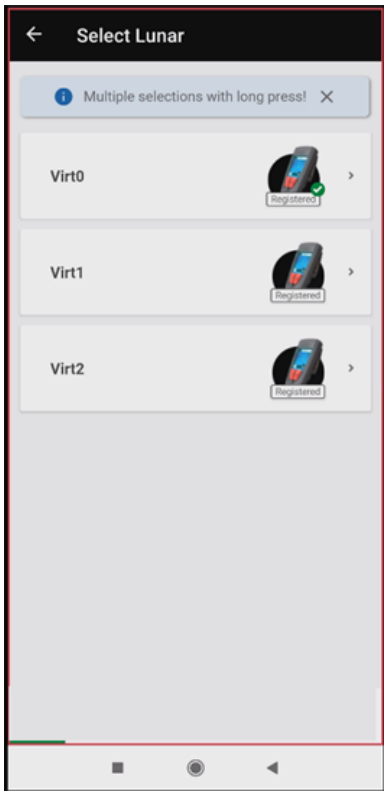
Option	Description	Type
First Name	The first name of the current device user.	String—15 characters
Last Name	The last name of the current device user.	String —15 characters
Personnel ID	The personnel ID of the current device user.	String —9 characters
Team Name	The name of the team of the current device user.	String—20 characters

Option	Description	Type
Seat	The seat number of the current device user.	uint32
Department Name	The department of the current device user.	String—10 characters

To personalize a LUNAR device, see one of the following topics:

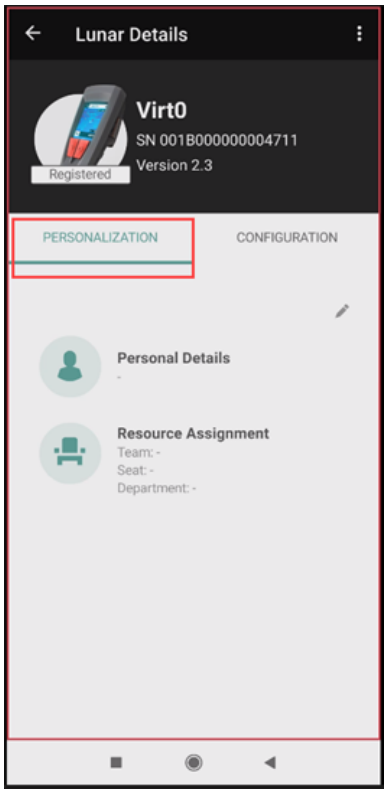
- Personalizing
- Personalizing with a Saved Personalization

4.4.1 Personalizing

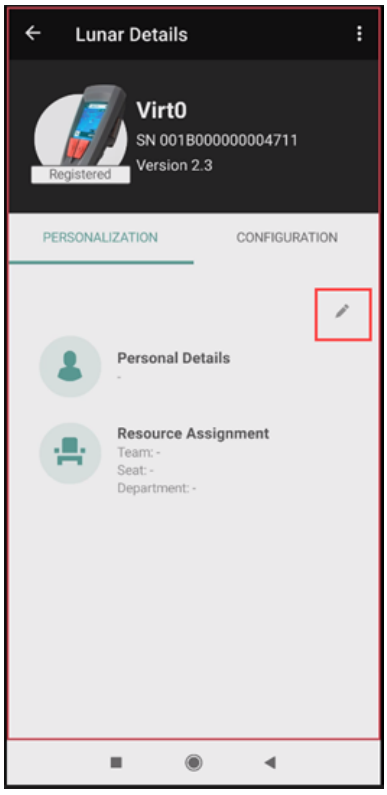


1. Select one LUNAR device from the list of available devices.

   NOTE: Only one device can be personalized at a time. Each device must be personalized with unique data for each firefighter.

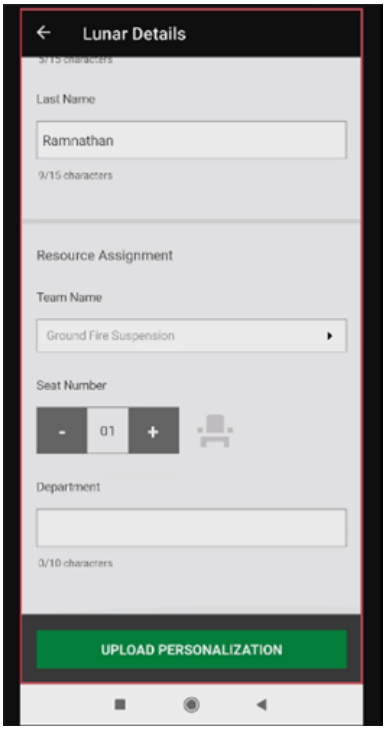


2. In the *LUNAR Details* screen, select **Personalization**.



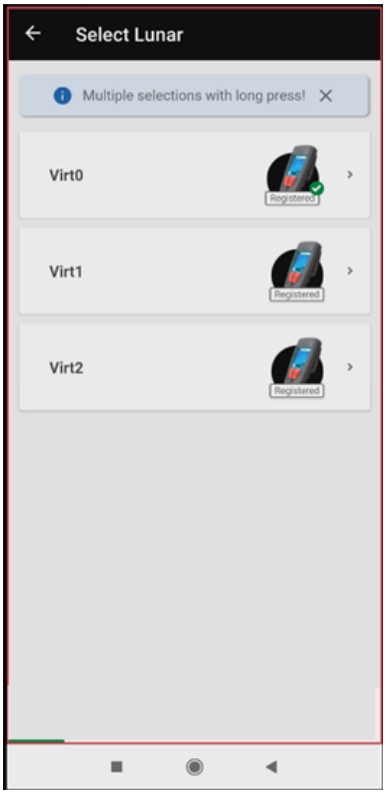
3. Tap the **Edit** icon .

4. Select a saved personalization or edit the desired settings. For example, set **Team Name** to *Rescue Unit* and **Department** to *Chicago Fire Department*.
5. Tap **Upload Personalization**.



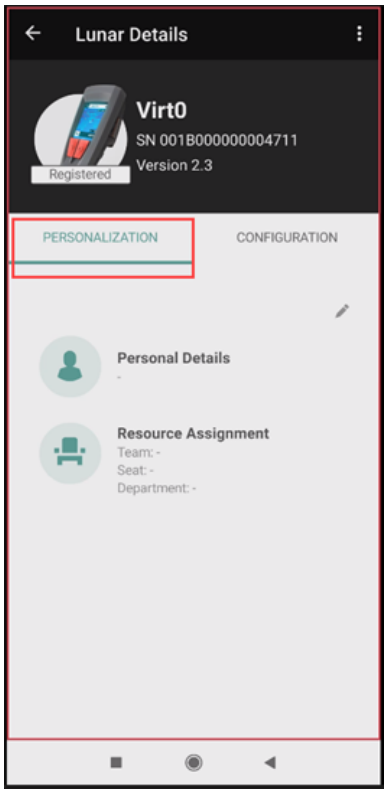
4.4.2 Personalizing with a Saved Personalization

Once a LUNAR device is connected to Bluetooth and paired with the device that is using the FireGrid Configure app, a previously saved personalization can be uploaded.

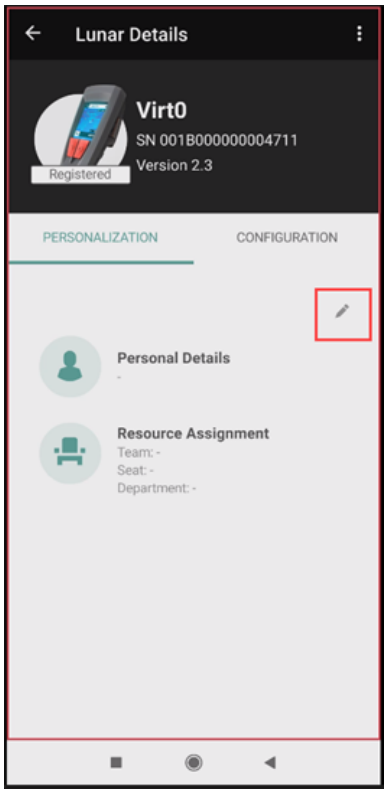


1. Select one LUNAR device from the list of available devices.

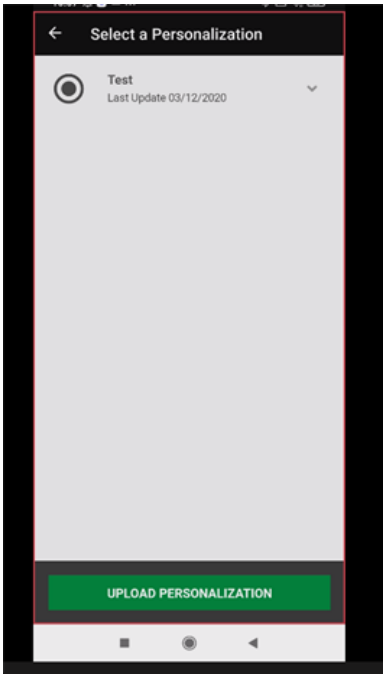
   NOTE: Only one device can be personalized at a time. Each device must be personalized with unique data for each firefighter.



2. Select **Personalization**.



3. Tap the **Edit** icon.

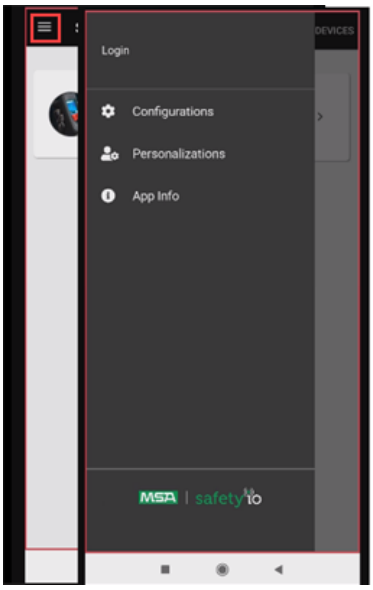


4. Select a personalization from the list of saved personalizations.

5. Tap **Use Saved Personalization**.

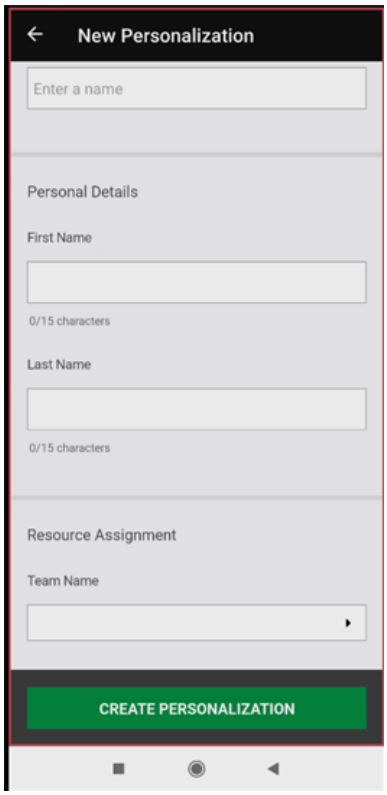
4.4.3 Creating and Saving a Personalization

If there are currently no connected devices, a personalization can be created, saved, and later uploaded to the device(s) once connected.



1. Open the main menu and select **Personalizations**.

2. Tap the **Add** icon.



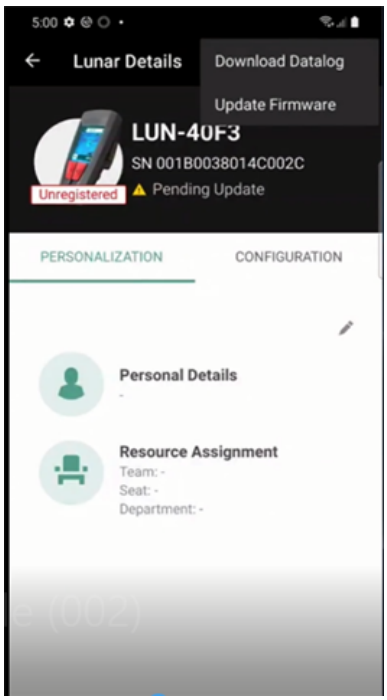
3. Edit the desired settings and enter a name for the personalization.

4. Tap **Create Personalization**. The personalization is saved for uploading to a device in the future.

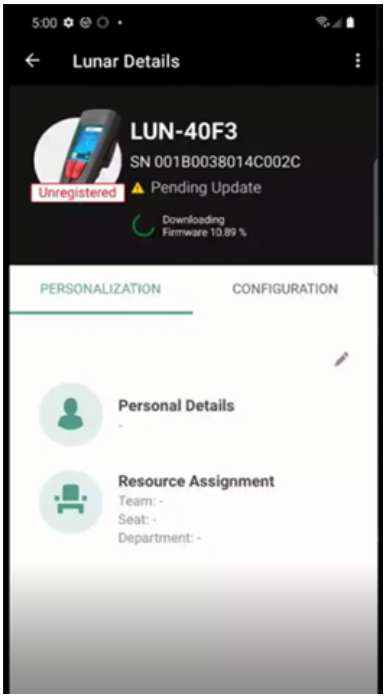
4.5 Updating Firmware

When a LUNAR device needs to be updated, a warning icon displays to indicate there is a pending update.

4.5.1 Updating Firmware for One Device



In the *LUNAR Details* view, tap the **Vertical Ellipsis** icon and select **Update Firmware**.



The firmware for the LUNAR device downloads. Once the download completes, the firmware is automatically sent to the LUNAR device to update.

Check the progress of the update on the LUNAR screen.

NOTE: The process can take several minutes. Do not leave the page during the process or the update will not complete.

NOTE: Due to their file size, some updates may only be available using Android and not available using iOS.

4.5.2 Updating Firmware for Multiple Devices

1. Select multiple LUNAR devices from the list of available devices and tap **Next**.
2. Select the **Update - Firmware Update** option.
3. Tap**Update Devices**.

The firmware for the LUNAR devices downloads. Once the download completes, the firmware is automatically sent to the LUNAR devices to update.

Check the progress of the update on the LUNAR screens.

NOTE: The process can take several minutes. Do not leave the page during the process or the update will not complete.

NOTE: Due to their file size, some updates may only be available using Android and not available using iOS.

4.6 Downloading Data Logs

4.6.1 Downloading Data Logs for One Device

To download data logs, you must be logged into FireGrid Configure.

1. Select one LUNAR device from the list of available devices and tap **Next**.
2. In the *LUNAR Details* screen, tap the vertical ellipsis icon and select **Download Data Logs**.

If you are logged into FireGrid Configure, the data logs are automatically updated to the cloud and the data is available in incident reports for future use.

If you are not logged in, the data logs remain local until the device is connected to the cloud.

4.6.2 Downloading Data Logs for Multiple Devices

To download data logs, you must be logged into FireGrid Configure.

1. Select multiple LUNAR devices from the list of available devices and tap **Next**.
2. Select the **Datalogs - Download Datalog** option..

If you are logged into FireGrid Configure, the data logs are automatically updated to the cloud and the data is available in incident reports for future use.

If you are not logged in, the data logs remain local until the device is connected to the cloud.

5 Learn More

5.1 System Requirements

FireGrid Monitor Mobile App	
Availability	Global
Platform	iOS
Operating System	iOS 16.x or iOS 17.x

FireGrid Configure Mobile App	
Availability	Global
Platform	Android iOS
Operating System	Android 10.0 and higher iOS 16.0 and higher
Bluetooth	Minimum Bluetooth 5.0

If a phone or tablet does not meet the requirements above, the user will not be able to install FireGrid Monitor or FireGrid Configure from the Google Play Store or App Store. These requirements are dictated by the app to the store, and the store prevents the app from being installed on phones and tablets that do not meet these requirements.

MSA has tested the apps with Samsung and Apple devices. Installation of the app on devices from manufacturers other than the ones mentioned may affect performance of the application, including, but not limited to, alarm notifications and evacuation message transmittals.

5.2 Support

For technical support, please contact MSA:

North America	
Phone	Phone 1-800-MSA-2222
Email	support@safetyio.com

Other Regions	
Email	eu.software.help@msasafety.com

5.3 Legal Terms and Statements

For information on the FireGrid Terms of Service, Data Privacy Statement, and Data Transparency Statement, see https://www.safetyio.com/legal/.

For local MSA contacts, please visit us at ***MSAsafety.com***