

# User management

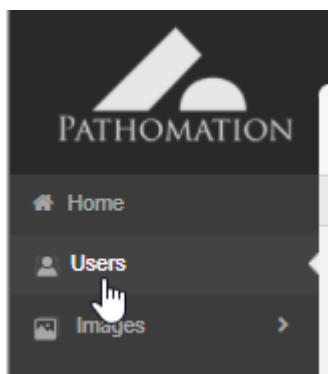
PMA.core works with user accounts. Users can be marked as “Administrative”, in which case they can log into PMA.core directly and administer settings for themselves and for others.

Users that do not have the “Administrative” flag checked, cannot access PMA.core directly; they interface with [root-directories](#) and other PMA.core content via [downstream applications](#) like [PMA.slidebox](#), [PMA.studio](#), or [PMA.control](#). In specific scenarios, you can use these to [emulate service accounts](#).

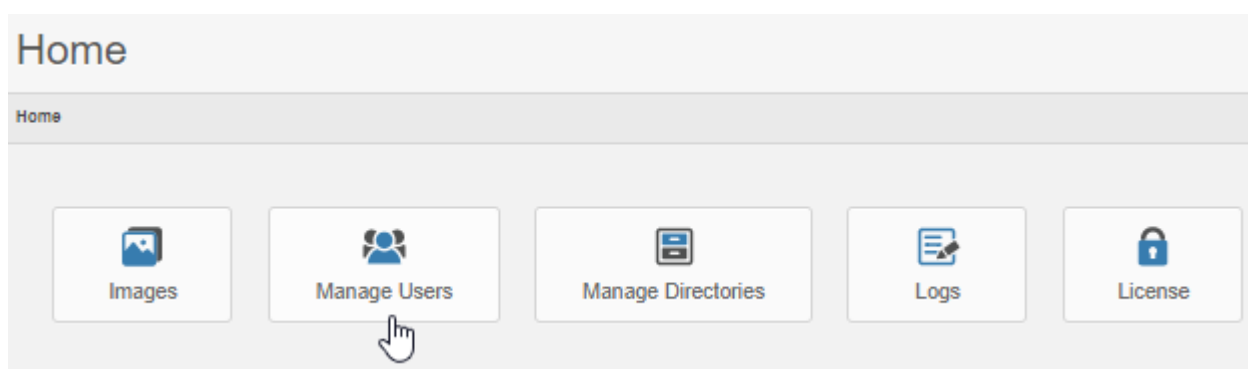
This section discusses how users can be managed within System users can be managed by selecting the “Users” option from the left menu.

## Overview

You can access user management in PMA.core by either clicking on the menu option in the left navigation bar:



Or by clicking on “Manage users” from the dashboard:



Either option takes you to an overview table that comprises all currently registered users:

1576 x 427 px (displayed at 1270 x 344)

### Users

Home > Users

Quick lookup:

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| All | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Search:

Users (1 filtered out of 882)

| Login     | First Name    | Last Name   | Email                     | Last login           | Local | Administrator | Can Annotate | Suspended | Locked out |
|-----------|---------------|-------------|---------------------------|----------------------|-------|---------------|--------------|-----------|------------|
| admin     | Administrator | Pathomation | admin1@pathomation.com    | 4/15/2019 1:15:30 PM | True  | True          | True         | False     | False      |
| b_user1   | User          | User        | yves@pathomation.com      | 4/15/2019 3:34:38 AM | True  | False         | False        | False     | False      |
| consensus | consensus     | consensus   | consensus@pathomation.com | 9/6/2017 12:00:00 AM | True  | False         | True         | False     | False      |

Export Add

Edit Remove Remind password Reset password Unlock

Clicking on a user name takes you to a detail view where you can find out lots more information about the account, as well as find out what they've been up to.

### User details

Home > Users > Details

Summary Edit Audit trail Activity log ACL

User account details

|               |                                                     |                        |                       |
|---------------|-----------------------------------------------------|------------------------|-----------------------|
| First Name    | Yves                                                | Created by             | system                |
| Last Name     | Peeters                                             | Created on (UTC)       | 9/15/2017 12:00:00 AM |
| Email         | yves4@pathomation.com                               | Last modified by       | pma_admin             |
| Administrator | <input checked="" type="checkbox"/>                 | Last modified on (UTC) | 7/9/2018 8:10:09 AM   |
| Suspended     | <input type="checkbox"/>                            | Password               | Remind password       |
| Session ID    | IQ_ESB9aETE-LHvzBBZ87g2 <span>User is online</span> |                        |                       |

See our [separate section on user monitoring](#) to for more information on the different parameters.

## Manipulation

Through the user management, you can [add, modify and delete user accounts](#).

We also built in a couple of special features with respect to [password management and handling](#).

## Tracking

User activities are tracked in PMA.core, so you can retrospectively find out who look at what slides when.

Similarly, we keep track of what happens with an account itself. This is called audit trailing. It means that we don't only know when you logged into PMA.core, but also when you changed your password or email address.

Scary? Perhaps a little bit. In practice, we find all this surveillance mostly used for troubleshooting and helping users, as in *"we think you had caps lock on when you were trying to log in earlier today"* or *"you didn't get an email because you typed in @pathommmation.com instead of @patho\*m\*ation.com"*.

See our [separate section on user monitoring](#) to for more information on the different parameters.

## External user directories

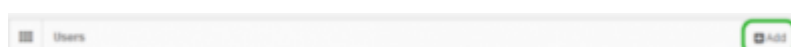
Are you deploying PMA.core in a large organization? Do your users fluctuate frequently? In that case it's useful to look into our coupling with external user directories, including LDAP and OAuth 2.0 protocols.

- The “Last login” column displays each user's last successful login date.
- The “Local” column indicates whether or not a user is managed by PMA.core or LDAP.
- The “Administrator” column indicates whether or not a user can access PMA.core. Non administrator users cannot perform system management tasks within PMA.core.
- The “Can Annotate” column indicates whether or not a user is allowed to create and edit annotations.
- The “Suspended” column indicates whether or not a user is currently allowed to login to either PMA.core or downstream applications. A suspended login is treated as invalid by the system.
- The “Locked out” column indicates whether or not a user is currently locked out due to consecutive invalid log in attempts.
- Clicking on a user's email address launches your default email client.
- Clicking on a user's login name displays a summary of the user's activity.

Next to each entry the following buttons appear:

| Button                    | Description                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Edit                      | Edits the selected user. This option allows the modification of the user's password, email and name. Furthermore the access level of the user can be changed (administrator or not) as well as whether or not the user is allowed to create and manage annotations. Finally a user can be (un)suspended within this option. |
| Delete                    | Deletes the selected user                                                                                                                                                                                                                                                                                                   |
| Remind password           | Sends a notification email to the selected user that contains their password in plain text                                                                                                                                                                                                                                  |
| Reset and remind password | Sets a random password for the selected user and sends them a notification email that contains the new password in plain text                                                                                                                                                                                               |
| Unlock                    | Lifts a lock out.                                                                                                                                                                                                                                                                                                           |

To add a user click on the “Add” button on the top right of the table.



The following fields can be defined for each user:

### Add user

Home > Users > Create

Add user

First Name

Last Name

Login

Password

Generate

Confirm password

Email

Description

Administrator

☐

Can Annotate

☐

Suspended

☐

| Field         | Description                                                                                                                                       |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| First Name    | The user's first name                                                                                                                             |
| Last Name     | The user's last name                                                                                                                              |
| Login         | The user's username. The username must be unique, irrespective of its casing. If user "UsEr" is already defined, you cannot also add user "uSeR". |
| Password      | The user's password                                                                                                                               |
| Email         | The user's email address                                                                                                                          |
| Administrator | Boolean value that indicates whether or not the user can login to the PMA.core administration interface                                           |
| Can Annotate  | Boolean value that indicates whether or not the user can create annotations for virtual slides                                                    |
| Suspended     | Boolean value that indicates whether or not the user can login to the PMA.core and PMA.view systems                                               |

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Permanent link:

[https://docs.pathomation.com/pma.core/2.0.0/doku.php?id=user\\_management&rev=1646667133](https://docs.pathomation.com/pma.core/2.0.0/doku.php?id=user_management&rev=1646667133)

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