

### Invalid Login Attempts

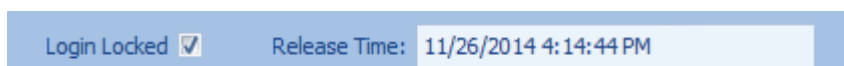
#### Logging In

A User will login using their username and password. If the username or password is incorrect (wrong username, wrong password or incorrect password), they will receive an invalid login message.

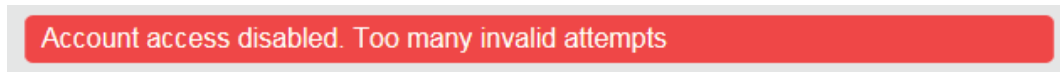
#### Invalid Password

If the user enters a correct user name but an invalid password they will have three login attempts.

- After the third attempt, the login account will be locked for two hours.
- After two hours, the user can then try to log in again.
- Below is how a locked user looks in the **Evolution Web Portal Administration**.



- Below is what the locked user sees in **Evolution Web Services**.



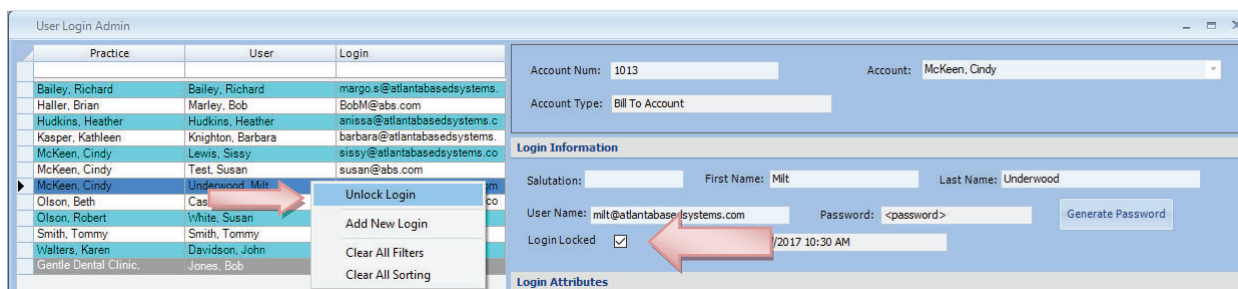
#### User Login Locked

If a user contacts the lab about being locked out, on the **User Login Admin** form, select the login and you will see the **Login Locked** checkbox will be checked and the **Release Time** will display the time set for the lock's scheduled release.

#### Releasing a Lock

If the lab wishes to release the lock manually, there are two ways to go about this.

- 1) Remove the check from the checkbox by clicking on the box which removes the flag from the box and then click the **Save** button.
- 2) Right click on the user login record in the data grid and select the **Unlock Login** menu item to release the login. This will clear the **Login Locked** checkbox and **Release Time** textbox. The user can then try to log in again.



### ***Login Attributes Information***

This section of the Administration form will show when various actions are performed on the login record.

The screenshot shows a 'Login Attributes' form with the following fields and values:

| Login Attributes                           |                   |                                 |
|--------------------------------------------|-------------------|---------------------------------|
| Login Created:                             | 6/8/2017 9:06 AM  |                                 |
| Admin Log                                  | Updated By: admin | Update Date: 9/26/2017 11:18 AM |
| Active <input checked="" type="checkbox"/> | Updated By:       | Update Date:                    |
| UserName                                   | Updated By:       | Update Date:                    |
| Password                                   | Updated By: admin | Update Date: 9/27/2017 8:28 AM  |

Red arrows point to the 'Admin Log', 'Active', 'Password', and the 'Update Date' for 'Admin Log'.

The Login Attributes Section on the Login Admin form shows the following:

- When Login was created
- Type of Login
- Login Status
- The last person that changed the status
- When the status was changed

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