



**Integrated Control Technology**

# **Protege GX Web Client**

Release Notes | Version 1.48.2.1



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# Introduction

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This document provides information on the new features, enhancements and resolved issues released with:

- Protege GX Web Client version 1.48.2.1

A full release history for previous versions is also included.

This version of the web client is 64-bit software and is no longer compatible with 32-bit operating systems. If your Protege GX server has a 32-bit operating system, you must migrate it to a 64-bit operating system to support the latest web client and Protege GX server versions. For more information, see [Application Note 366: Upgrading Protege GX to Version 4.3.402](#).

## Upgrading the Protege GX Web Client

To upgrade the web client, simply run the new installation file provided by ICT and follow the onscreen prompts.

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## Password Security Enhancements

This version of the SOAP service is compatible with the enhancements to password security in the latest Protege GX software. This includes the following changes:

- The Protege GX Web Client no longer allows browsers to connect over HTTP (port 8050). Instead, use HTTPS over port 8060.
- All operator passwords must now meet the following requirements:
  - 8-32 characters long
  - Does not contain any part of your username or email address
  - Contains at least three out of four character types:
    - Uppercase letter
    - Lowercase letter
    - Number
    - Special character
- The new **Change password on next login** option in **System | Operators** enables you to force another operator to change their password. The operator will be asked to change their password the next time they log in to the thick client or web client.

When you upgrade Protege GX, you must also upgrade the SOAP service and web client. The compatible versions are outlined in the table below:

Software	Required Version
Protege GX Server and Client	4.3.399.40 or higher
Protege GX SOAP Service	1.7.0.0 or higher
Protege GX Web Client	1.48.2.1 or higher

For more information about the security enhancements and the actions required when upgrading the software, see [Application Note 366: Upgrading Protege GX to Version 4.3.402](#).

## Feature Enhancements

### Language Support

The web client now supports simplified and traditional Chinese.

### User Search Popup

The web client can now present the operator with a search window on the users page instead of loading the user list. This is a faster and more convenient way to find users on large sites.

To enable this feature for all operators:

1. In the File Explorer, navigate to C:\inetpub\wwwroot\ProtegeGXWebClient
2. Open **web.config** in a text editor.

Files in this directory require administrator permissions to edit. You may need to open the file as an administrator using an application like Notepad++, or make a copy in a different directory to edit and replace the original.

3. Immediately before the line `</system.webServer>`, add the following code:

```
<httpProtocol>
  <customHeaders>
    <add name="X-User-Search-Popup" value="1" />
  </customHeaders>
</httpProtocol>
```

4. Save the file.
5. Open the web client. Press **Ctrl + F5** to reload the browser cache.
6. Log in and browse to **Users | Users**. Instead of loading the user list, the web client will present a search box.

### Resetting Door and Keypad Duress

After a user activates the duress trouble input at a door, you can now deactivate the trouble input using a manual command from the Protege GX web client. This makes it much quicker and easier for security staff to resolve false alarms from the control center, without needing to physically access the door.

To reset the duress trouble input, navigate to **Programming | Doors**. Click the **[+]** button next to the door's name in the list and select **Reset duress**.

To use this feature, you must have Protege GX version 4.3.399 or higher, and controller firmware version 2.08.1567 or higher.

## Issues Resolved

- Resolved a cybersecurity issue that could allow cross-site scripting.
- Resolved an issue where the web client did not warn the operator when they programmed a duplicate PIN in a user record.
- Resolved an issue where it was not possible to edit User ID credentials in the web client.
- Resolved an issue where the mobile app could not connect to the web client following the password security enhancements.
- Resolved an issue where the web client did not display non-English languages.
- Resolved an issue where the group view on the users page did not work.
- Resolved an issue where it was not possible to send door commands from a status page.
- Resolved an issue where an operator with restricted record groups could not save a user record, if the record included an access level schedule that the operator did not have access to.
- Resolved an issue where the web client would slow down over time.
- Upgraded the web client's PHP version to 8.4.13.
- Resolved an issue where the date format for events was always set to dd/mm/yyyy. The web client will now display the date format based on the language settings in the operator's web browser.
- Resolved an issue where exported PDF reports were empty.

# Previous Web Client Release History

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This section includes information on the changes and enhancements made in earlier versions.

## Web Client Version 1.47.1.3

### Issues Resolved

- Resolved an issue where it was not possible to log in to the web client using Windows Authentication.

This fix requires Protege GX software version 4.3.342.2.

## Web Client Version 1.47.1.2

### Issues Resolved

- Resolved an issue where exported user report CSVs did not separate the values with commas.
- Resolved an issue where event reports did not handle time picking correctly when the system was set to 24 hour time.
- Resolved an issue where it was not possible to find users by credential in the web client.

This fix requires Protege GX version 4.3.324.2 and SOAP version 1.6.0.9.

- Resolved an issue where it was not possible to type in time fields.
- Resolved an issue where the Lock calendar action displayed a blank action field.
- Resolved an issue where adding access levels to multiple users simultaneously was not saved correctly.
- Resolved an issue where editing a user assigned to a particular record group, using an operator role restricted to that record group only, could cause an access level assigned to the same record group to be removed from the user. This occurred when the user had at least one access level that was not visible to the operator.
- Resolved an issue where the system-generated User ID credential type could be edited in the web client.

This fix requires Protege GX version 4.3.329.6 or higher and SOAP version 1.6.0.10 or higher.

- Resolved an issue where the < and > characters in user display names were not correctly handled when using the find tool, preventing it from displaying any user records after the first one with an angle bracket character.
- Resolved an issue where, when the operator's language was set to a language other than English, the final user in the user list was not displayed.
- Resolved an issue where the clickable area of some buttons was smaller than the visual size of the button.

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