



Integrated Control Technology

Protege GX SOAP Service

Release Notes | Version 1.7.0.0



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Introduction

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

- Protege GX SOAP Service version 1.7.0.0

A full release history for previous versions is also included.

Upgrading the Protege GX SOAP Service

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

Protege GX SOAP Service (1.7.0.0)

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 SOAP service no longer allows unencrypted communications over HTTP (port 8030). Instead, use HTTPS over port 8040.
- The data structure used for logging in with the SOAP API has changed: **LogonType 1** has been deprecated and is no longer available. For more information, request an updated copy of the Protege GX SOAP API Specification from ICT.

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](#).

Maintenance Updates

- The .NET version installed with the SOAP service has been upgraded from 4.6.2 to 4.8.

Release History

Protege GX SOAP Service (1.6.0.11)

Feature Enhancements

- When you request user records with ListRecords, SOAP now provides the <a:SpareString1> and <a:SpareString2> fields containing the user's first name and last name respectively. This allows you to sort the user list by first name and last name.

This feature requires Protege GX 4.3.337.3 or higher.

Issues Resolved

- Resolved an issue where it was not possible to search users by credential using the FindRecord API.

This fix requires Protege GX version 4.3.324.2.

- 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 web client version 1.47.0.66 or higher.

Protege GX SOAP Service (1.6.0.7)

Feature Enhancements

- Added support for the KeySecure integration.

Issues Resolved

- Resolved an issue where the SOAP service was not respecting the nStart and nNumberOfRows parameters when getting user reports.

This fix requires Protege GX version 4.3.321.3.

Protege GX SOAP Service (1.6.0.5)

Feature Enhancements

- Added the ability to randomly generate user PINs via the SOAP service.
- When you update a user record, you can now instruct the SOAP service to immediately return the updated user record. If the user PIN has been updated by this SOAP call, this will allow you to view the newly updated user PIN.

For more information, see the Protege GX SOAP Service API Specification.

Issues Resolved

- Resolved an issue that occurred when the SOAP service attempted to write an error to the Windows Event Log without sufficient permissions. This caused it to generate an additional error and not report the original error.
- Resolved an issue where the SOAP service could time out (endless loading) when pulling user events. This issue affected the web client, and requires the corresponding Protege GX server version from this release.

Protege GX SOAP Service (1.6.0.1)

Feature Enhancements

- This version includes improvements for TLS 1.2 security.
- The SOAP installer now populates or overwrites the data server address with the current hostname instead of 'localhost' on installation or upgrade.
- Added the ability to create, program and use function codes via the SOAP Service.

Protege GX SOAP Service (1.6.0.0)

New Features

- Transport Layer Security (TLS) has been implemented and is now the default security setting when installing the SOAP service with options to select None or Windows Authentication. See "Enhanced Communication Security" in Protege GX New Features for more information.

Feature Enhancements

The following enhancements have been made to existing features in this release:

- Added the ability for the Protege GX SOAP service to check the Protege GX Data Service in order to validate license requirements.

Issues Resolved

The following issues have been resolved in this release:

- Fixed an issue where the SOAP service installer options of "Modify" or "Repair" would do nothing at all.
- Fixed an issue where SOAP was able to add Doors to a controller that did not exist in the database.
- Fixed an Issue where SOAP was able to insert a schedule record and apply it to another record that did not exist in the database.
- Fixed an issue where door type credential type fields were not exposed in the GetTableSchema API.
- Fixed an issue where the installer was not applying TLS settings when updating from version 1.5.0.30 or earlier.
- Fixed an issue where the GetStatusListStatus request was failing to retrieve data values assigned to variables.
- Fixed an issue where the Access level option "Use Access Level Door Type" was being set to "True" when adding access levels. This has been changed to "False" by default.

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