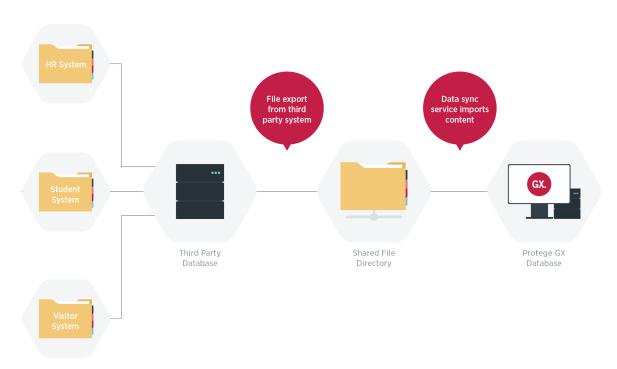# The Data Sync Service.

ICT's Data Sync Service allows you to combine your data with access control, security, and building automation functionality to enhance your business operations and management.

How it works.

Data is extracted from the customers system and saved to a shared network folder. The Data Sync Service continuously monitors this folder and automatically imports the relevant data into Protege GX, creating records – including users, access levels, areas, doors, schedules, and much more – for each matched entity. If information in the import file changes, the service updates the record in Protege GX.

HR System

Student System

Visitor System

Third Party Database

File export from third party system

Shared File Directory

Data sync service imports content

GX.

Protege GX Database

Benefits.

> Develop a solution that meet your needs with this flexible approach
> Enhance efficiency and security with a single point of data entry, removing the need to update two separate databases and the associated risk of differing databases
> Reduce time spent on management and administration
> Streamline visitor management by automatically adding users and granting access
> Automatically add or update any record in Protege GX

Use cases.

> Coworking spaces: Easily grant access by importing a membership database. When meeting rooms are booked it will assign temporary access for the booking period.
> Education: Allow or deny student access based on the information in the student management system. Access levels match the duration of the course the students enrolled in and automatically grants access to the areas they need entry to.
> Multifamily: Setup and revoke access to apartments and common areas automatically by syncing with dates in your tenancy platform.
> Freight/delivery services: Sync booked jobs from the database and automate temporary access by creating users with PINs that enable access and automatically expire when their expected time on site ends.
> HR databases: Transfer details such as role, department, and hours of work to create user records and assign the relevant access levels, reducing data entry and administration
> Fitness and wellness centers: As new members sign up and are added to the database, user records and access details are created in Protege GX. If their membership lapses, their access is removed.
> Visitor management: Allow temporary access for visitors and contractors by syncing details from a Visitor Management System to grant access for the duration the person will be onsite.

Real life use case.

At the base of Hlíðarfjall with views over Akureyri sits Hótel Hálönd, a new self-service hotel. Local, certified ICT Partner, Securitas Iceland were challenged to keep the property secure and provide guests with an automated check-in process, to minimize the need for staff onsite helping keep hotel rates down.

Server-based access control system, Protege GX, uses Data Sync to talk to the hotel reservation system. This software licence allows easy bi-directional integration with external data sources.

Challenge.

> Accessible, but secure feel for visitors and staff
> Automatic delivery of guest access codes
> Remote monitoring and notifications for staff

Solution.

> Protege GX with keypad readers for keyless entry
> Data Sync sends PINs to guests 15 minutes after booking
> Email/mobile notifications for staff if response needed