Synchronization Solutions

Ensure better situational awareness across multiple Command Centre systems.

In today's modern building environment, it is common for building owners and tenants to run disparate access control and security solutions. Cardholders accessing shared spaces need to be setup in multiple environments. Events and cardholders are visible only to the source system therefore no single site has a complete picture, which can cause significant health and safety problems, particularly in emergency or evacuation situations.

Gallagher's synchronization solutions provide the ability for disparate Command Centre systems to easily share cardholders and events while ensuring that each system remains safe and secure. This means that events, alarms, cardholders and their location can easily be seen in both systems, ensuring that health and safety obligations can be easily met.

Cardholder Sync Service

Cardholder Sync allows sites to:

- synchronize cardholder details including Access Groups, Cards and Personal Data Fields
- synchronize mobile credentials (with single device licenses)

- reduce dual data entry (i.e., into a base building system)
- reduce risk of human error

Event Sync Service

Event Sync allows sites to:

- choose which events to synchronize
- monitor events from another system
- track cardholder location changes occurring in another system
- produce comprehensive evacuation reporting on their cardholders

Benefits:

- ensures that cardholder movements are visible throughout a site, building, or facility
- ensures companies can meet their health and safety obligations
- expands site monitoring capability

Cardholder Sync is also recommended to realize the full value of the Event Sync Utility

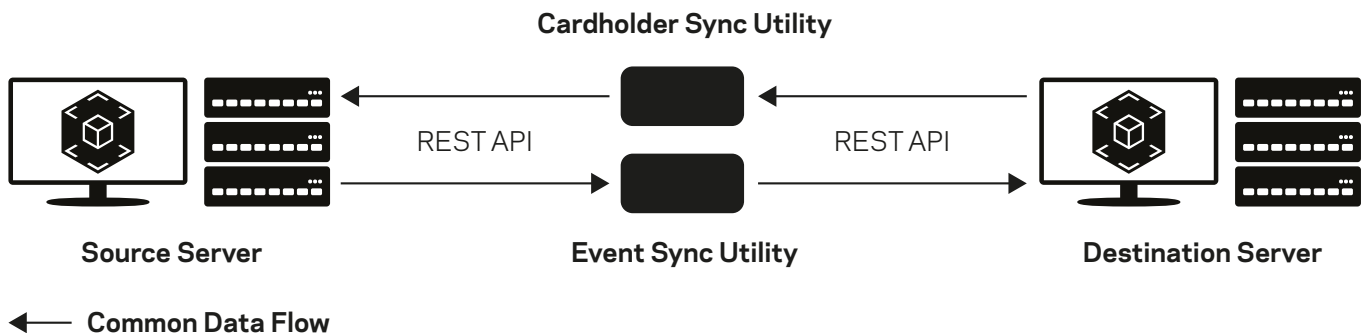security.gallagher.com

GALLAGHER™

Synchronization Solutions

Security

Event and Cardholder Sync both utilise our RESTful API on the source and destination systems, employing TLS encryption, API key authentication, and optional IP ACL (Access Control List). The solution honours our Operator Privilege model letting each respective system administrator have full control over what the sync services can read and write, irrespective of where the sync services are hosted.

Cloud API Gateway

The Event Sync and Cardholder Sync services can be configured to run via the Gallagher Cloud API Gateway accepting requests from anywhere on the internet, eliminating potential connectivity issues, VPNs and firewall configuration, and other costs associated with reverse proxy solutions.

Sync Services Use Cases

Tenant and Owner
Event Sync can ensure a full picture of cardholder movements is available to both the building owner and tenant by sharing events and location securely between two disparate Command Centre systems.

Multiple sites
Where a company has multiple sites each with their own Command Centre system, but where multi-server is not viable, Event Sync will allow cardholder events and location to be shared to ensure cardholder movements and any other events / alarms can be reported on from a single centralized source.

System Architecture

Cardholder Sync Utility

Source Server   REST API   **Event Sync Utility**   REST API   **Destination Server**

← **Common Data Flow**

Technical Specifications

Command Centre version	Cardholder Sync - v8.50 or later
	Cloud API Gateway - v8.60 or later
	Event Sync - v8.70 or later
Product numbers	C12882 - Event Sync Utility
	C12884 - Cardholder Sync Utility

3E5690 - 07/22

security.gallagher.com

GALLAGHER™