

C.Q.R.iT® Electronic Key & Asset Management System integration with Gallagher™ Command Centre

The integration developed is a high-level software interface that facilitates control and management of C.Q.R.iT® and C.Q.R.iT® eXtreme key cabinets systems via Gallagher Command Centre.

To eliminate manual and duplicate data entry, Cardholders and Access Groups are automatically imported from Gallagher Command Centre into the C.Q.R.iT® key cabinets. Cardholders can inherit access based on their Access Group membership and instantly gain access to allocated Keys in the cabinets.

All transaction log data from the keys cabinets, including alarms, are sent back to Gallagher Command Centre to provide a centralised reporting facility and eliminate the need for staff to monitor separate systems.

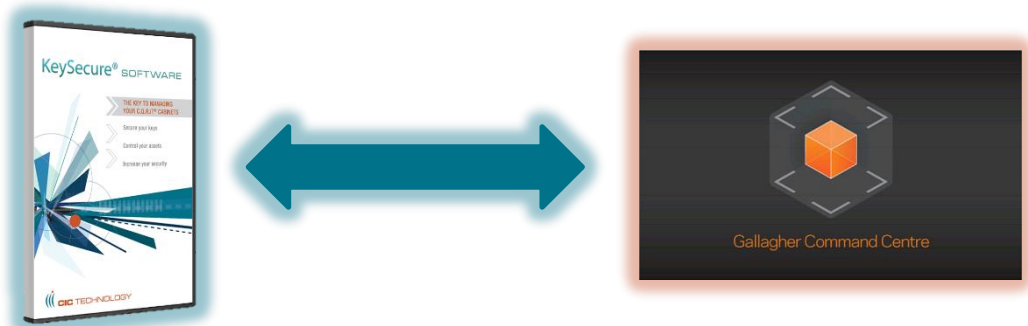
The interface can also be configured to employ Gallagher Command Centre Anti-Tailgating features to prevent Cardholders from exiting the facility if they have not yet returned their keys to the relevant cabinet.



System brand:	CIC Technology
Product name:	C.Q.R.iT® (pronounced "Secure It") and C.Q.R.iT® eXtreme
Software version:	KeySecure® v1.3.4.1 and greater
Interface developed by:	CIC Technology
Available and supported:	Worldwide
Industry applications:	All
Contact:	sales@cictechnology.com

Compatibility

The integration is a high-level software interface and as such compatibility is determined by the respective versions of CIC Technology's KeySecure® software and Gallagher Command Centre software being used.



As of November 2017, the latest version of KeySecure® is v1.3.5.2

KeySecure® v1.3.5.2 is compatible with the following Gallagher Command Centre versions:

Compatible	Command Centre
✓	v7.80
✓	v7.70
✓	v7.60
✓	v7.50
✓	v7.40
✓	v7.30
✓	v7.20
✓	v7.10
✓	v7.05
✓	v7.01

KeySecure® v1.3.5.2 is NOT compatible with the following Gallagher Command Centre versions:

Compatible	Command Centre
✗	v6.10 and earlier
✗	v5.21 and earlier

Earlier versions of CIC Technology's KeySecure® software are also compatible with Gallagher Command Centre. Please refer to the detailed compatibility matrix provided at the end of this document.

What you will need to implement the integration

What you will need from CIC Technology

CQReXchange Software



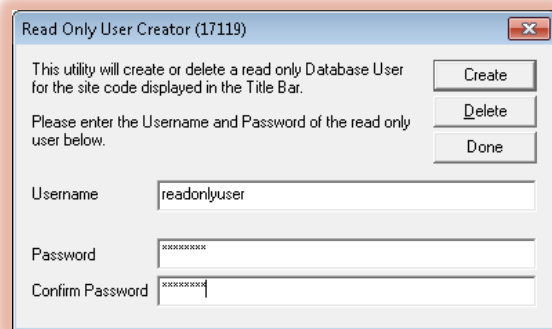
In addition to the KeySecure® software you will need to obtain a copy of CIC Technology's CQReXchange software.

CQReXchange facilitates the integration of KeySecure® with third-party systems such as Gallagher Command Centre and is typically installed on the same PC/Server where KeySecure® is installed.

Contact sales@cictechnology.com for details and pricing.

What you will need from Gallagher

Read Only User Creator



To import Cardholder and Access Group data from Gallagher Command Centre into KeySecure®, it is necessary to create a Read-Only User who has direct access to the Gallagher Command Centre database.

By default, access to the Gallagher Command Centre database is restricted, however upon request Gallagher will provide existing customers with the Read Only User Creator utility to add a Read-Only User.

You must request this utility directly from Gallagher. If you are using a version of Command Centre earlier than v7.70 the utility needs to be coded to your unique Command Centre License.

After using the utility to create the Read-Only User, the login credentials will be configured and used by the CQReXchange software to connect and import the data from Command Centre.

What you will need from Gallagher (cont.)

Gallagher Command Centre
Controller API (FTCAPI)



If you intend to export Alarms & Events from KeySecure® to Gallagher Command Centre or plan on implementing the advanced Anti-Tailgating features of the integration, then you must obtain and install the Gallagher Command Centre Controller API (FTCAPI) software.

This facilitates the exporting of Alarms and Events back into the Command Centre database via a nominated Gallagher Controller device.

The Controller API (FTCAPI) software is available from Gallagher upon request and may have already been supplied to you with your Gallagher Command Centre software media (it is typically included in the Command Centre installation pack).

It is important that you obtain and install the correct version of the Controller API (FTCAPI) software that is compatible with your version of Gallagher Command Centre. Contact Gallagher technical support to confirm the version needed if you are unsure.

IMPORTANT: The Gallagher Command Centre Controller API should **NOT** be confused with the FTCAPI Middleware Framework (FMF) or the 'KeySecure System Customisation' feature that was previously offered by Gallagher for interfacing Command Centre with early versions of CIC Technology's KeySecure® software. That previous interface solution has been superseded by CQReXchange and is not required to be purchased/installed to implement the integration.

Other Important Notes

Using Gallagher Proprietary Readers requires Wiegand Protocol Converter



If you wish to mount Gallagher Proprietary Card Readers (such as Gallagher T-Series Readers) onto the C.Q.R.iT® key cabinets so that Cardholders use the same Cards to access Keys and Assets that they do Doors in the facility, then you will need to purchase and pair them with a Gallagher Wiegand Protocol Converter device (Gallagher Product Code: C200663).

You will require one Wiegand Protocol Converter for each C.Q.R.iT® key cabinet. CIC Technology can supply both Gallagher Readers and the Wiegand Protocol Converters. Contact sales@cictechnology.com for details and pricing.

IMPORTANT: The Gallagher Wiegand Protocol Converter device should **NOT** be confused with the 'Gallagher Universal Reader Module – Wiegand' device (Gallagher Product Code: C200665). This device looks similar but serves a different purpose. Ensure you only use the 'Gallagher Wiegand Protocol Converter' device (Gallagher Product Code: C200663).

Co-location requires a change to Gallagher Controller Server Communications Service Port



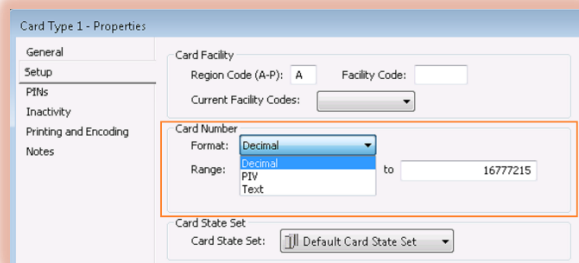
It is possible to install and host KeySecure® & CQReXchange on the same PC/Server as Command Centre. However, by default the Gallagher Controller Service and the Command Centre Controller API (FTCAPI) utilized by CQReXchange both use the same IP Port for communication and this creates a conflict.

If CQReXchange is to be installed on the same PC/Server as Gallagher Command Centre AND you intend to export Alarms & Events or enable the advanced Anti-Tailgating features, then it is necessary to act to avoid this conflict.

Gallagher's prescribed solution is to reconfigure the Gallagher Controller Server to use a different IP Port and instructions on how to do this are freely available (also included in CQReXchange User Guide). This is a minor configuration change but involves making Windows Registry changes and for the Controller Service to be temporarily taken offline.

Other Important Notes (cont.)

Only Decimal Format Card Types are supported



In recent versions of Command Centre, Gallagher have introduced new Card Number formats for the different Card Types that can be configured and assigned to Cardholders.

In addition to the standard Decimal format, Command Centre now supports 'Personal Identity Verification' (PIV) format and **'Text'** format for Card Numbers.

Only Decimal Card Numbers are compatible with KeySecure® and the C.Q.R.iT® range of products. Therefore, only Cardholders assigned Cards belonging to a Card Type with a Decimal Format Card Number can be imported via CQReXchange.

To use the integration, you must ensure you have configured at least one Card Type with Card Number Format = Decimal and the Cardholders you wish to import must be assigned a Card of this Card Type.

If you only use 'PIV' or 'Text' format Cards throughout your facility you can still use the integration but you must create a new Card Type with Card Number Format = Decimal and assign dummy Cards of this type to the set of Cardholders you wish to import.

For further details consult the CQReXchange User Guide or contact techsupport@cictechnology.com.

Compatibility Matrix

		Gallagher Command Centre											
		v7.80	v7.70	v7.60	v7.50	v7.40	v7.30	v7.20	v7.10	v7.05	v7.01	v6.10 and earlier	v5.21 and earlier
KeySecure®	v1.3.5.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.5.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	v1.3.4.0 and earlier	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

- ✓ Fully compatible
- ✓ Fully compatible but some work-arounds/special configuration required (contact techsupport@cictechnology.com for details)
- ✗ Not compatible

If you have a later version of KeySecure® or Command Centre than those listed here please contact techsupport@cictechnology.com to check compatibility.