

# Controller 7000 Standard

## Frequently asked questions



[security.gallagher.com](https://security.gallagher.com)

**Security**

**Below you will find answers to our commonly asked questions about the Controller 7000 Standard (C7000). We will continue to update this document as additional questions are added.**

### **How long will the Controller 6000 be supported for?**

We've stated publicly that we will support the Controller 6000 until 1 July 2031. We anticipate that we will stop supplying the Controller 6000 several years before 2031.

We are currently in the process of updating our obsolescence plans. These will be shared in the coming months with plenty of notice provided as to what will happen and when.

### **When will R Modules become obsolete?**

We made the decision to continue supporting the R modules on the new controller. The market need for Wiegand is still strong, as recent sales of the Controller 7000 Single Door have shown. CDX-IV will be obsoleted at some stage in the future. When we have a plan for that, it will be shared with plenty of notice.

### **What version will the C7000 be supported on?**

The Controller 7000 Standard is supported on Command Centre v9.0 onwards.

### **What is the current draw for the Controller 7000 Standard?**

The current draw for the Controller 7000 Standard is 130mA. Please note that this is slightly higher than the Controller 6000 which is 110 mA.

### **Will there be a way to easily change the Controller 6000 configuration to a Controller 7000 when upgrading an existing controller?**

Yes Command Centre is enhanced to allow easy transfer of configuration from a Controller 6000 to a Controller 7000 Standard. This will be available in version 9 MR2 (tbc, we may decide to hold back HBUS items to v9.10).

### **What are the plans for RS232 devices?**

The Controller 7000 standard does not support RS232 devices. They will be supported on the Controller 7000 Enhanced device due late 2024.

### **Do existing 4H/8H modules still work?**

Yes. The 4H and 8H modules will still work. The colour of the modules has been changed to black to match the controller but the older grey versions will work just the same.

### **How many doors will a C7000 be able to handle?**

The C7000 supports up to 10 doors.

### **Will there be a PIV version?**

Yes, a High Sec C7000 is due in early 2025.

### **Still just a 10/100Mbit ethernet link? No 1Gb option?**

No. The majority of networks do not need a 1Gb option. We will include 1Gb ethernet on the enhanced version due late 2024.

## What performance improvements will we see in the Controller 7000 Standard?

Feature	Controller 6000	Controller 7000	Notes
Resync Cardholder Database - 100k Cardholders	42 minutes	18 minutes	
Resync Cardholder Database - 500k Cardholders	3 hours 35 minutes	1 hour 27 minutes	
T20 Alarms Terminals	4	10-20	Needs to be tested
Access Decision	200ms	12ms	Time measured from Card Read Output activation to Door Unlock Output. C7000 time likely to come down as we tidy up the code.
Inter-controller Comms	60 Controllers	100 Controllers	Needs to be tested
Restored door functionality following a firmware update	TBD	TBD	Measured with a controller running config with 10 x doors

## What are the cyber features of the Controller 7000 Standard?

With a Controller 7000, you know:

- the firmware running on the device is approved by Gallagher (Secure boot).
- it is not possible for an earlier version of software with known vulnerabilities to be installed (Anti-rollback).
- it is not possible to clone or counterfeit the device (Immutable identity)
- all the critical cryptographic keys are stored securely (Trustzone).
- Gallagher uses industry-leading security infrastructure to generate, process, and store cryptographic keys and certificates (Prevents supply chain attacks).



09M/2023