





## Smart Card Levels

Smart Cards are employed in Integrati Controllers (ISC/IAC) as a means of setting the Controller's "Operating Level" dimensions and/or enabling various additional hardware feature options. Integrati Controllers do not include a Smart Card as standard (available as an optional extra).

A Controller without a Smart Card will operate at a default level of 16 Doors, 100 Zones, 200 Users and 10,000 Events (Level Zero).



### Level options for the Integrati ISC/IAC Controllers

-  Level 1 - **INTG-996020L1**  
40 Doors, 200 Zones, 2,000 Users, 20,000 Events
-  Level 2 - **INTG-996020L2**  
80 Doors, 600 Zones, 10,000 Users, 30,000 Events
-  Level 3 - **INTG-996020L3**  
160 Doors, 2,000 Zones, 65,000 Users, 60,000 Events
-  Level 4 - **INTG-996020L4**  
240 Doors, 3,000 Zones, 100,000 Users, 100,000 Events

*Where a Controller already has a Smart Card fitted, the level can be upgraded or additional feature options applied at any time.*

*The Smart Card does not need to be physically replaced, a license is simply applied through the software, or locally via the keypad.*

### Level upgrades for the Integrati ISC/IAC Controllers

-  Level 0 to Level 1 - **INTG-996020U01**
-  Level 1 to Level 2 - **INTG-996020U12**
-  Level 1 to Level 3 - **INTG-996020U13**
-  Level 1 to Level 4 - **INTG-996020U14**
-  Level 2 to Level 3 - **INTG-996020U23**
-  Level 2 to Level 4 - **INTG-996020U24**
-  Level 3 to Level 4 - **INTG-996020U34**

**It is important to remember that users are global (unlike local entities, such as doors, zones events, etc). Therefore, where a system has two or more controllers, each controller on that system must be fitted with a Smart Card at the required level to accommodate the total number of users in the system.**

## Optional Features



### Level 0 Smart Card (Blank Card) - INTG-996020

The level 0 Smart Card can store any of the optional feature licenses listed below. The level 0 Smart Card should be used where it is not necessary to use a level 1 or greater Smart Card. A level 0 Smart Card can be upgraded to any higher level option at a future time.



### Allow CS Remote Connection (Subscription) - INTG-996029

The Allow CS Remote Connection license allows an Integrati Controller (ISC/IAC) fitted with a level 1 or higher Smart Card, to be remotely managed by a security installer using the Integrati Commissioning Software (CS). Remote connections include TCP/IP, SkyTunnel and PSTN. Direct USB connection is not considered a remote connection. The Allow CS Remote Connection license is an annual subscription.



### Smartphone-Controller Interface - INTG-996021

This license allows Apple or Android devices using the Integrati Mobile App to connect to an Integrati Controller (ISC/IAC).

Each Smartphone-Controller interface license allows up to 5 simultaneous user connections with each user being allocated a connection slot for a fixed 7 day period which starts from their last successful login.

If a user has not logged in within a 7 day period their slot may be used by another user.

The hardware based Smartphone-Controller and software based Smartphone-Server interfaces work independently of each other and are licensed separately.

**Please see page 11 of the Product Catalogue for Smartphone-Server Interface.**



<http://www.innerrange.com/pd/Integrati-System/Mobile-Applications/Integrati-Mobile>



### C-Bus Lighting High-Level Interface - INTG-996027

This license will allow integration of a Clipsal C-Bus lighting control system to an Integrati Controller (ISC/IAC). Integration to C-Bus allows fully automated control of lighting systems for energy management and security purposes. The connection uses TCP/IP or RS232 serial between the Integrati Controller and the Clipsal Network Interface (CNI).



### Building Management System High-Level Interface - INTG-996022

The Building Management System Interface allows an Integrati Controller (ISC/IAC) to connect to a 3rd party Home or Building Management System via a TCP/IP or RS232 serial connection. The interface uses a full-duplex ASCII based protocol delivering a flexible and easy to integrate solution.



### BACnet/IP, Modbus, KNX Integration - INTG-996028

This licence allows an Integrati Controller (ISC/IAC) to integrate with an Inner Range factory supplied Building Management System (BMS) gateway device. This licence can only be issued in consultation with the Inner Range pre-sales design team and their professional services will be required to program the interface. Protocols available at the time of writing are BACnet/IP, Modbus and KNX.



Optional Features



**Elevator Management System High-Level Interface - INTG-996023**

This license allows an Integrati Controller (ISC/IAC) to integrate with a variety of lift manufacturers. This license can only be issued in consultation with and through the Inner Range pre-sales design team and their professional services will be required to program the interface. Interface protocols available at the time of writing are KONE, OTIS and ThyssenKrupp, although not all models of each manufacturer are supported. Check with the Inner Range pre-sales design team before committing to any particular interface. (High-Level Schindler Lift Integration is achieved using a license in the Integrati Software - see page 14 of the Product Catalogue)



**High Security Fence IP High-Level Interface - INTG-996025**

This license will allow integration between an Integrati Controller (ISC/IAC) and a high security fence system. The integration allows the fence system to be monitored and controlled directly from the Integrati Software. Dynamic fence icons may be used to graphically represent fence zones and other fence objects within Integrati's software schematics. To date, the following High Security Fence systems have been integrated:

- **Druid (by Nemtek)** • **Intrepid (by Southwest Microwave)** • **Forcefield / Sabra Fence (by ASF)**



**Advanced Peer-to-Peer Functionality - INTG-996030**

Peer-to-Peer describes the communication functionality that exists directly between Controllers without any dependency upon the Integrati server. This provides superior levels of continued operation in the event that the Integrati server is offline. Peer-to-Peer functionality is used to deliver the following features:

- 1. Controller to Controller alarm reporting.** Alarms may be routed from multiple Controllers to a single Controller that can report the alarms to a monitoring station.
- 2. Global anti-passback.** Allows door anti-passback logic to span doors that are connected to two or more separate Controllers.
- 3. Cross-Controller logic mapping.** Allows conditional logic to operate across inputs, outputs and system objects resident on two or more separate Controllers.

*Controller to Controller alarm reporting is included as standard in all Integrati Controllers. The Global Anti-Passback and Cross-Controller logic mapping features require an Advanced Peer-to-Peer license key in each Controller to enable either or both of these features.*



**Virtual Expander Modules (Per Module) - INTG-996026**

The Virtual Expander license enables virtual expander modules to be added to Integrati Controllers (ISC/AIC) and is licensed on a per module basis. Each virtual expander module provides an additional 32 zone inputs and 32 auxiliary outputs to be used for logic/automation control. This negates the need to install physical expander modules where inputs and outputs are only used for logic control purposes.



**Aperio Door Integration (Per Door) - INTG-996032   SimonsVoss Door Integration (Per Door) - INTG-996033  
Salto Sallis Door Integration (Per Door) - INTG-996024**

This license will allow Assa Abloy Aperio, SimonsVoss or Salto Sallis wireless doors to be integrated with the Integrati system hardware and is licensed on a per door basis. Up to 8 doors can be integrated per Integrati Access Controller (IAC) or Intelligent LAN Access Module (ILAM), or 2 doors with the Standard LAN Access Module (SLAM).