

Access Control

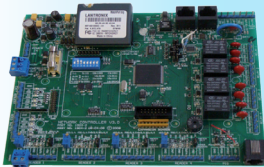
Concise

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CONCISE

Access Control System

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CS6100
CS4606
CS4765

CS6100 Concise Network Controller

4 Door Standard System

The CS Technologies access control system allows powerful management of access to doors, elevators alarm areas and also provides cost-effective energy management. The system consists of a network of intelligent 'black boxes' each of which controls a group of doors, an elevator or alarm processor. Each controller is fully distributed, and contains all programming necessary for seamless continuous operation regardless of the rest of the system, including user credentials, access levels, timezones, public holidays and other settings. This makes the system very reliable. The key to the system is this CS6100 controller. Because the controller is fully distributed, even the most complex access control or building management system can be broken down into small chunks to ensure that a dependable and cost-effective solution can be provided.

- Up to 128 controllers per site
- Up to 4 readers per controller
- Up to 50 sites on one system
- Expansion port for additional relay and input expansion boards
- 4 heavy-duty relay outputs with 'form- C' contacts
- Digital inputs on the board are buffered and diode-protected
- Integrated real-time clock, battery-backed RAM and ROM
- Address set by on-board DIP switches
- Communicate in either RS232 or RS485
- Can operate from either 16VAC or 12VDC input
- Supports - Silicon Key, Smartcard, Wiegand, Mag-stripe, Presco, and many other reader formats
- The controller will operate up to 4 doors, a lift with up to 84 floors (or a high-level interface), alarm areas, energy management, peoplecoun- ters, personnel logging, time and attendance.

EX GST INC GST

\$	CS6100	CS NETWORK PCB 4 DOOR CONTROLLER
	CS4606	CS NETWORK USB COMMS CONVERTER
	CS4765	CS CONTROLLER MOUNTING PLATE
	PBBS-13-2.5B	13VOLT 2.65AMP DC REGULATED POWER SUPPLY IN A BOX



CS6130

CS6130 Concise Network Lift Controller

Elevator Lift Control System

The CS6130 has all the same features and function of the CS6100 with the added feature of lift control. This is programmed via the software interface Advent or PC3.

Combined with the CS4322 relay expansion board & CS4323 input expansion board the CS lift controller can be expanded to suit most large access control systems requiring a lift control interface.

- 50 locations, 128 controllers, 4 doors. This gives the system a total potential capacity of over 25000 doors.
- Antipassback - define readers as Entry, Exit, Inside, Outside or Don't care.
- The system has capacity for up to 16000 access levels. Each user in the system can have up to 50 of these access levels assigned to them.
- Each controller has capacity for up to 63 parking 'occupancy' levels
- 20,000 users per controller.
- Photo ID integration
- Programmable macros
- Parking control: Each controller has capacity for up to 63 parking 'occupancy' levels.
- Site codes can be mixed, the system supports non-site-coded credentials like PIN numbers and iButtons
- The system supports almost all available credential readers including HID wiegand, Indala wiegand, Silicon Key, Bio Metric finger print and iris scanner readers, Mag-stripe, and Presco readers

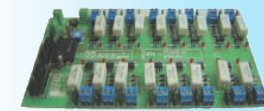
EX GST INC GST

CS6130 Series Components

\$	CS6130	CS NETWORK PCB LIFT CONTROLLER
	CS4322	CS 16 RELAY NETWORK EXPANSION BOARD
	CS4323	CS 16 ZONE NETWORK INPUT EXPANSION BOARD
	CS4765	CS CONTROLLER MOUNTING PLATE



CS4322



CS4323



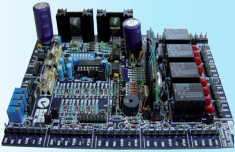
CS2015
CS1013

CS2015 CS Plastic Silkey & CS1013 Silkey 32mm Reader with LED

Concise Silkey and reader compatible with all concise network boards and expansion boards.

EX GST INC GST

\$	CS2015	CS PLASTIC SILKEY
	CS1013	CS 32MM SILKEY READER WITH LED



CS4730 Mother board (No Memory Chip)

The CS4730 is the mother board only. It has all the same features as the CS6100 (with out the memory chip) and is used to replace or expand existing systems.

CS4771 Extended Memory Chip (No Mother Board)

A person intending to use the lift must present his card to the reader unit, and based on his ID number, the lift access system will grant access to the floors he is entitled to go to by activating relays corresponding to those floors. The EL2000L/6 has 6 relay outputs and can therefore serve up to 6 floors. The EL2000L/ 64 is expandable and can be equipped with up to 64 relays to serve up to 64 floors.

CS4900 CS Network RS485 Comms Chip

A person intending to use the lift must present his card to the reader unit, and based on his ID number, the lift access system will grant access to the floors he is entitled to go to by activating relays corresponding to those floors. The EL2000L/6 has 6 relay outputs and can therefore serve up to 6 floors. The EL2000L/ 64 is expandable and can be equipped with up to 64 relays to serve up to 64 floors.

CS4901 CS Network RS232 Comms Chip

A person intending to use the lift must present his card to the reader unit, and based on his ID number, the lift access system will grant access to the floors he is entitled to go to by activating relays corresponding to those floors. The EL2000L/6 has 6 relay outputs and can therefore serve up to 6 floors. The EL2000L/ 64 is expandable and can be equipped with up to 64 relays to serve up to 64 floors.

CS4730
(Mother board only does not include chip)



CS4771
(extended memory chip only does not include board)



CS4900
CS4901

	EX GST	INC GST
\$ CS4730	CS MOTHER BOARD (NO MEMORY CHIP)	
CS4771	CS EXTENDED MEMORY CHIP (NO MOTHER BOARD)	
CS4900	CS NETWORK RS485 COMMS CHIP	
CS4901	CS NETWORK RS232 COMMS CHIP	



CS4010 CS Magnetic Stripe Prox Card reader

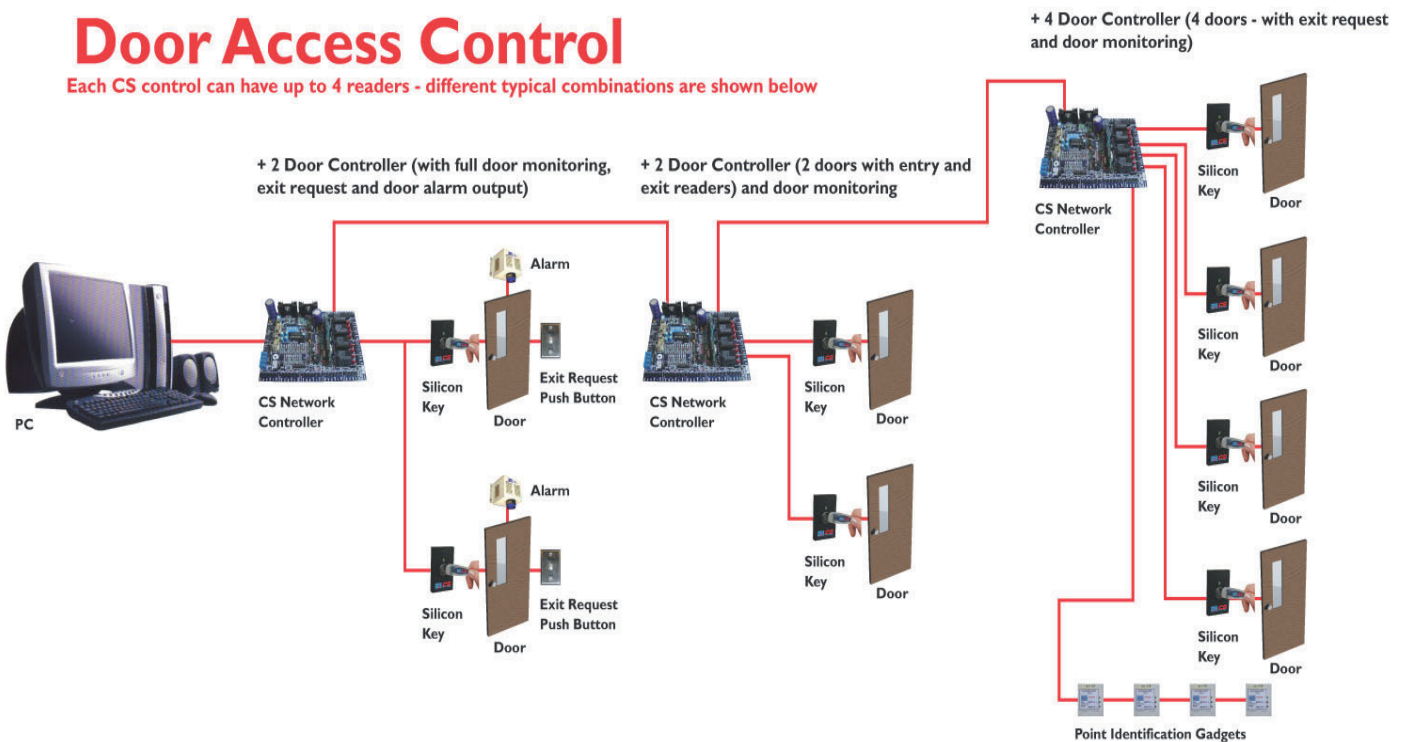
Concise magnetic stripe card reader for use with all magnetic stripe prox cards.

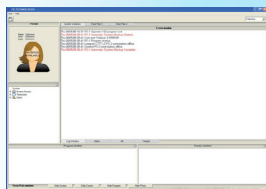
CS4010

	EX GST	INC GST
\$ CS4010	CS MAG STRIPE PROXIMITY CARD READER	

Door Access Control

Each CS control can have up to 4 readers - different typical combinations are shown below





Screen Image

Evolution Management System PC Software

Evolution is CS Technologies flagship network access control system. Evolution provides both the installer and system administrator a user-friendly way to control your building. The system is designed to provide a cost effective solution plus the ability to seamlessly expand and adapt to future growth needs. There is no need to pay for "overweight" access control systems. CS Access Control is available at a fraction of the price, does not need an engineer to program and offers all the features that the majority of sites will require.

Elevators: Elevator control is supported with up to 250 floors per elevator. Elevator access levels allow restriction of individual floors by time. It's possible to trigger floors from intercoms (with a different trigger time to when triggered by a card read) and the system supports full floor destination reporting and single floor selection.

Inputs and outputs: Any controller is fully expandable using additional input and output boards. Inputs and outputs can be added on in pairs at very low cost. Each controller supports up to 250 relay outputs and 250 inputs.

Alarm reporting via email: When alarms occur they can be easily emailed to anyone for verification.

Integration with alarms: It's possible to control alarm areas via the access control system. Users can arm and disarm individual alarm areas from access control readers, and it's also possible to restrict access so that certain users are unable to access an area unless the alarm is turned off.

Network integration: Locations in the system can be distributed across a local area network, enabling a large integrated system to be operated from a central point using existing infrastructure.

Mix local and remote sites: Locations can be connected directly to any PC in the network or connected via dial-up modem from any PC in the network allowing extensive flexibility in the configuration of the system.

Multiple workstations: The system supports multiple workstations for connection of controllers and reporting from any location in the network.

Holiday periods and types: The system supports up to 20 holiday periods. Each period has a starting date and time and ending date and time allowing lots of flexibility in the definition of holidays. The system also supports different 'types' of holidays so that different tenants or branches of a site can have different holidays applying.

User interface: The software is very easy to use, based on the functions carried out by a premises manager rather than being dictated by the hardware. Operators need not understand about controllers etc because the programming is based on 'doors' and 'floors' rather than controllers. Elevator programming in particular is very easy as elevators are grouped into banks meaning that programming of individual floors is done once per bank of elevators rather than individually per elevator.

System Reports: Card holder reports; Mustering reports (who is inside); Tenant Card holder reports; access levels and time zone reports.

History Reports: Time and date period for archived history activities; card holders access granted; card holders access denied; Specific door, card holder transactions reports; operator actions, and many more.

- **Compatibility:** Windows XP & Vista compatible: (32 and 64 bit).
- **Web Interface:** Control your system anywhere in the world using a
- **Login Protection:** The software login is password protected.
- **Photo ID:** Photo ID integration.
- **Floor Plan Support**
- **Up to 50 locations** each of which can have 128 controllers each of which can have 4 doors. This gives the system a total potential capacity of over 25000 doors.
- **Each controller** has capacity for up to 4 doors, 250 alarm areas, and 250 alarm inputs.
- **The system** has capacity for 1000 'standard' time zones and 1000 'extended' time zones.
- **The system** has capacity for up to 16000 access levels. Each user in the system can have up to 50 of these access levels assigned to them.
- **Each controller** has capacity for up to 63 parking 'occupancy' levels.
- **Parking control:** Each level has a defined occupancy; when that number of people has entered no more from that group are able to get into the car park until someone from that group leaves.
- **Antipassback:** Extensive antipassback capabilities including the ability to define any reader as Entry, Exit, Inside, Outside or Don't care. Antipassback can be system-wide. Also supports timed antipassback for car park and catering control.
- **Programmable macros:** Any event in the system can be programmed to cause any other event. Useful for lighting control, tagging users, central control of outputs.
- **Energy management:** Alarm Areas can be used to control lighting and air conditioning to ensure that energy is not operating when the area is unoccupied.
- **Users:** Up to 20,000 users per controller. Access at any reader is instantaneous even with thousands of users within the controller.
- **Credentials:** Any credential can be used with the system. A full 32-bits (site code AND card number) is stored for every user. Site codes can be mixed, the system supports non-site-coded credentials like PIN numbers and iButtons.
- **Readers:** The system supports almost all available credential readers including HID wiegand, Indala wiegand, Silicon Key, Bio Metric finger print and iris scanner readers, Mag-stripe, and Presco readers

