CS Technologies - EVOLUTION
Building Access Control System

The Evolution System is an advanced, feature packed, Australian, integrate Building Access Control and Security System. It features a flexible and cost effective modular design suitable for small jobs as well as large corporate national systems.

The Evolution Management software is designed to be the industry's most user friendly management system, making building access control and security simple.
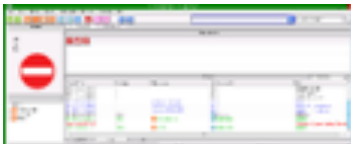
Features:

- Door , Lift and Alarm Control.
- Support most credential reader technologies.
- Free Management Software.
- Latest 32 Bit ARM micro controller.
- Industry standard RS485 and/or TCP/IP Ethernet communication support.
- Communicate locally, over corporate network or to anywhere in the world.
- iPhone and Android interface applications.

- Offsite alarm signal dual line communication (Emizon module).
- Power supply, battery low and box tamper monitoring.
- 4 state monitored inputs (12x4 expansion board)
- Email alarms, Auto Reports, Interactive Floor Plans
- High Level Lift Integration
- Gym, Caravan Park, CCTV Integration and plenty more...

Australian Owned

Established in 1987 in Sydney Australia, CS Technologies continue their ongoing research to ensure their products meet their customers' needs by adding and offering the latest innovations in the industry. Evolution; is the Australian access control system.

Evolution Management Software

100% free, no licensing, powerful, extremely user friendly for both the installer and end user. Evolution works on all the latest Windows OS (64bit compatible). No special requirements. Just install and you are ready to get started. The setup wizard will guide you through your system configuration. Also built in help information appears when you hover your mouse over all parts of the software.

Seamless Integration

Control Doors, Lifts, Alarm Areas and much more. Program the system using a standard web interface or free iPhone and Android application. Built in external interface to support many 3rd party applications and make system programming easier. Compatible with the industry standard Wiegand, iButton, Presco and TTL data formats. Use existing cards and card readers from other Access Systems – use the preferred cards the client requires.
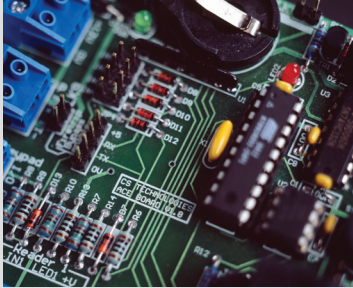
High Level Lift Interface

Integration with the latest OTIS 'Compass' and Kone 'Up Peak' high level smart lift interfaces.
Mandatory in 'A Class' buildings these interfaces provide the quickest, most efficient management of the users in a buildings lifts.

- Organised lobbies with orderly traffic flow
- Less car crowding
- Fewer stops per trip
- Less waiting timeL
- ess travel time in elevators
- Improved efficiency and performance.

Integrated Alarm

Make alarm control simple and fool proof. Assign a door reader to open a door and turn off the alarm when they enter. Badge 3 times to arm the building up at the end of the day. Deny User access based on the status of the alarm. Assign auto arming times with auto arming warning options.

Alarm Expansion Boards

4 State monitored input expansion boards. Monitor inputs for any sort of cable tamper – Sealed, Alarm, Open Circuit Tamper, Short Circuit Tamper.
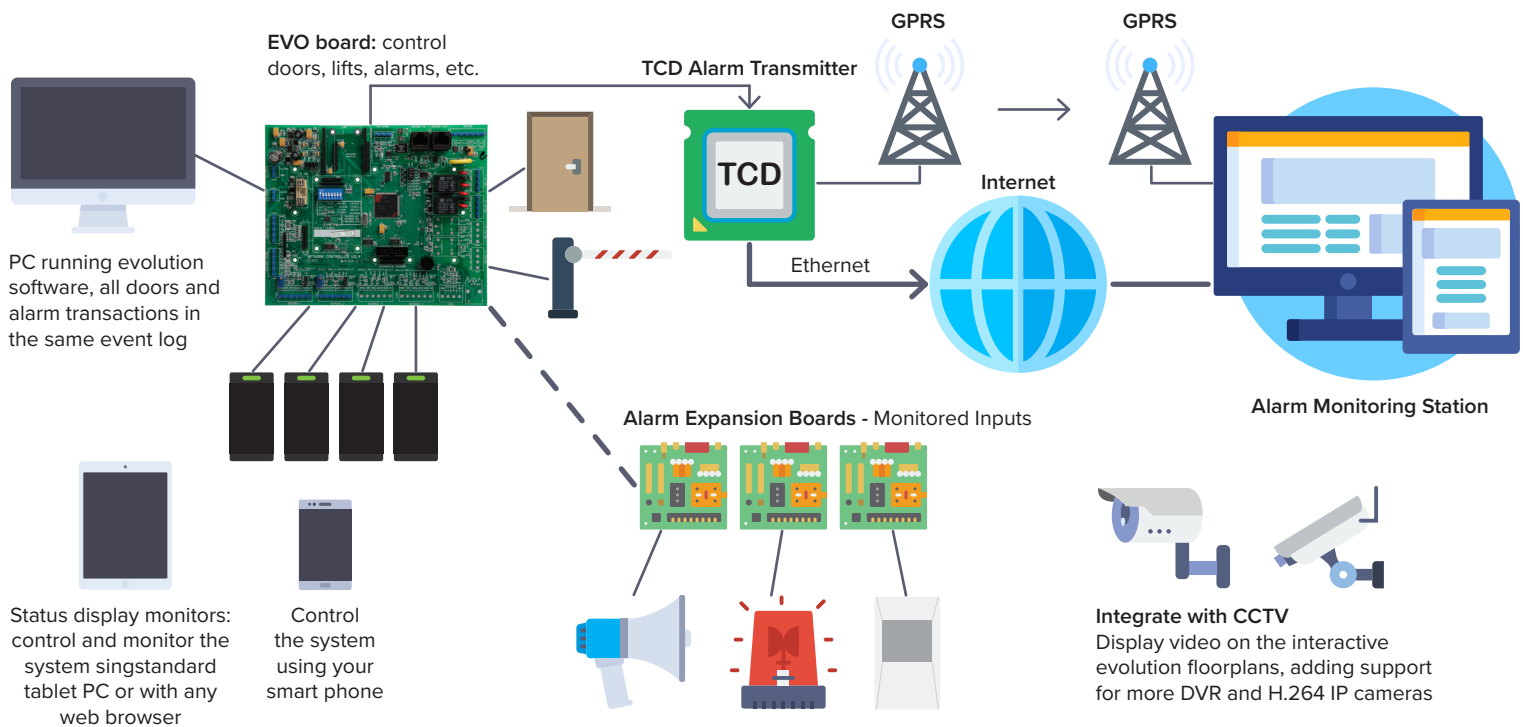
Back to Base Alarm Monitoring

Emizon Dual path communication monitoring capabilities. Provide a constant link between the EVO panel and the 24hr alarm response centres.

CCTV Interfaces

Integrate with CCTV systems to perform direct time stamp video calling to link door transactions with video footage and more. We are constantly expanding our CCTV system support.

EVO board: control doors, lifts, alarms, etc.

TCD Alarm Transmitter

GPRS

GPRS

TCD

Internet

Ethernet

PC running evolution software, all doors and alarm transactions in the same event log

Alarm Monitoring Station

Status display monitors: control and monitor the system singstandard tablet PC or with any web browser

Control the system using your smart phone

Alarm Expansion Boards - Monitored Inputs

Integrate with CCTV
Display video on the interactive evolution floorplans, adding support for more DVR and H.264 IP cameras

	Specification
Controllers	Unlimited (128 per location)
Locations	Unlimited
Connection Method	RS485 or TCP/IP
Reader Types	Wiegand, Silkey, Presco, TTL
Power	12VDC (500mA)

	EVO2	EVO4
Readers	2	4
Users	2,000 (per controller)	40,000 (per controller)
Site Codes	Unlimited	Unlimited
Lift Control	No	Yes
Events	5,000	12,500
Alarms	250 (per controller)	250 (per controller)