



## DISTRIBUTED ACCESS CONTROL

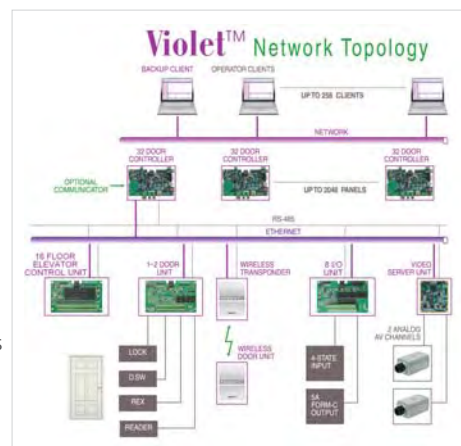
Violet™, Rosslare's new generation access control platform, is a distributed architecture access control panel, designed to provide medium-to-large scale applications with a solution that is both powerful and economical. The main controller is connected to the doors, only using communication technology, and is physically separated from the secondary units that manage the door elements (readers, locks, REX buttons, switches and other I/Os) - which substantially reduces cost per door, cabling and simplifies installation.

Violet's built-in Web browser and networking capabilities provide faster and easier setup - no software installation and computer configuration are required. Violet's modern system design is based on the most advanced processing, communication, and powering technologies, including: Built-in Web server for native networked and Internet environment, Powerful ARM9 architecture based processor with built-in Linux™/operating system, Power over Ethernet (PoE) as an optional method for powering, P2P Connection between all networked panels, Flash technology based Web user interface and 3-Tier networking.

# Violet™

### Major Features

- Distributed Architecture
  - The more doors installed – the lower the price per door
  - Highly scalable – expandable to facilitate extremely large applications
  - Extended reliability
- Web Browser-Based System Management
- Users capacity: Up to 128,000 users per controller
- Up to 32 nodes per controller
- Up to 32 doors, 64 readers per controller
- Up to 128 Inputs per controller
- Up to 128 outputs per controller
- 100,000 history events per controller
- TCP/IP and/or RS-485 communication between controller and secondary units
- 512 multi segmented time zones and 128 holidays
- Controller Capacity: Up to 2048 controllers with intercommunication



### CONTROLLER SPECIFICATIONS

Processor	ARM9 based Microcontroller
Processor Clock	240MHz
Ethernet	10/100 Base T RJ-45 Ethernet connection IEEE802.3
On-Board Connections	RS-485, Ethernet
Operating System	Embedded Linux™
Supported Browsers	IE (version 6.0 and above), Firefox 3.0, Google Chrome, others

### SECONDARY UNITS

DAC-2224, 2-Door Unit	2 Readers, 4 Inputs, 4 Outputs and Sounder connection, RS-485 connection
DAC-2488, 16 I/O Unit	8 Four-State Inputs and 8 Form-C Outputs, RS-485 connection
DAC-2316, 16 Output Unit	16 Form-C relays, RS-485 connection – can be used as elevator control
Future Units	- Smart 2-Door unit with internal controller and memory - Single door unit - Wireless door interface unit - 2/4 channel DVR

### HOUSING OPTIONS

ME-00	Tray Cabinet includes the controller and up to additional eight secondary units, in one metal housing, pre-networked, with power supply and battery back-up*
ME-02	Self powered metal enclosure for secondary units with 7Ah battery back-up*
ME-12	Self powered plastic enclosure for secondary units with 7Ah battery back-up*
ME-14	Compact plastic enclosure for secondary units with space for 2Ah battery back-up*

\*Batteries not included