

Security Management System from Inner Range  
Simply Brilliant

Global  
National  
Local



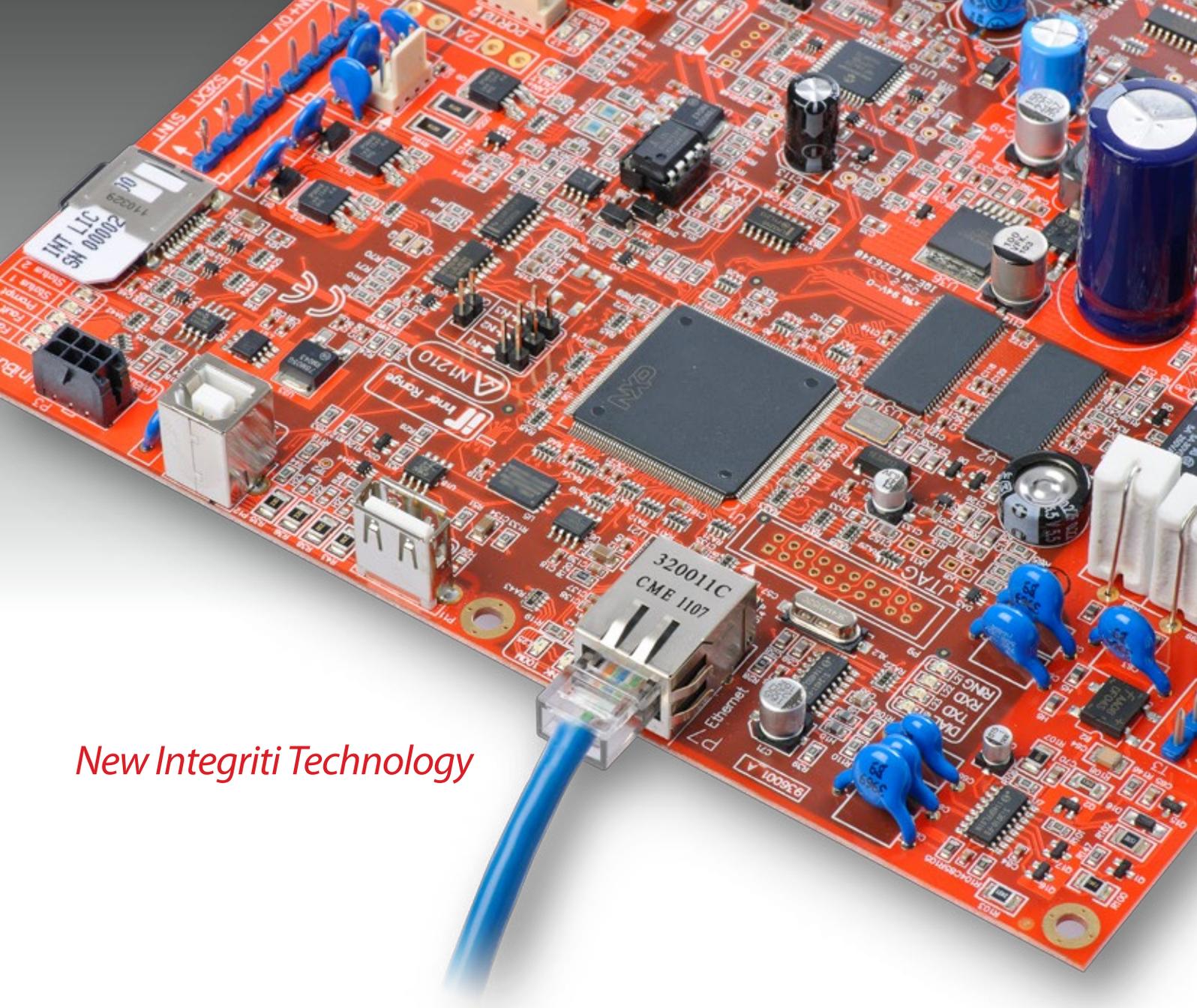
# Integrati Introduction For System Integrators



- New seamless IP based Multi-Controller system architecture
- Simplified software set up with Auto Discovery of system hardware
- Unprecedented scale and flexibility for user permissions
- Gigabytes of on board memory at Controller hardware level
- Ethernet port, USB master and slave ports on board for all Controllers
- Powerful new ARM processors on all hardware
- Backwardly compatible with Concept LAN modules \*See compatibility guide page 3
- Upgrade firmware in Controllers and new LAN modules remotely over the wire
- New easy plug and play in-cabinet UniBus for adding expansion and functionality
- Incredible forensic Audit Trail tracks all software changes
- Amazing, powerful Scripted Logic capability



*“Integrati is a true Enterprise solution controlling thousands of doors and zones across multi-controller IP networks”*



## *New Integriti Technology*

The new Integriti Technology Platform is the result of more than 20 years of continuous industry participation and product development by the people at Inner Range.

Just like its famous predecessor, the Concept 4000, we believe that Integriti sets new industry standards and we are confident that it has the capacity to offer real solutions in today's exciting yet demanding technology environment.

With big new processors and memory capacity, Integriti hardware is IP ready to deliver on its promises, while the new Integriti software is fully compatible with cluster server architecture and virtual computing environments. Let them specify, Integriti will tick the box on almost every disaster recovery strategy.

Talk about enterprise with a capital E. The design maximums inherent in the engineering philosophy of the Integriti Technology allow for tens of thousands of doors and millions of users. Even scenarios with hundreds of thousands of users and millions of historical review events stored at hardware level are possible.

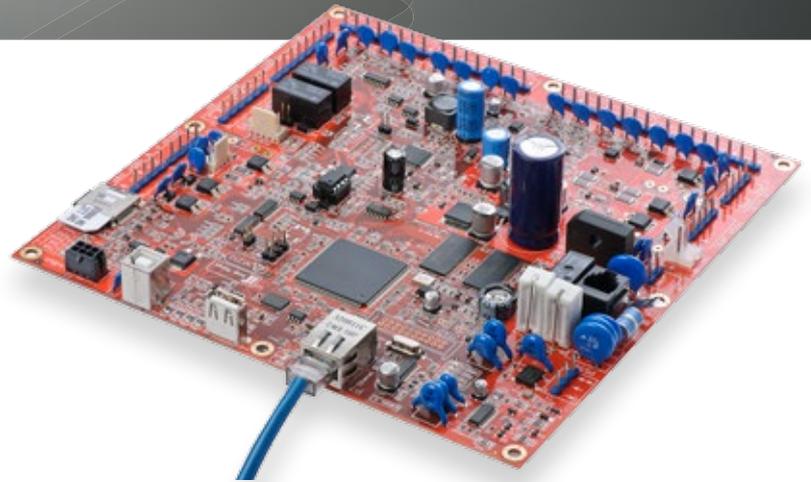
## Integriti with Concept 4000 Modules

### Integriti Security Controller ISC

The Integriti Security Controller (ISC), provides intelligence and control for a cluster of LAN Modules.

#### Overview of ISC Features

- 32 Bit ARM CPU
- Ethernet on board
- 64 MB RAM
- 2 GB Micro SD on board
- Smart Card Licensing
- USB Master & Slave
- UniBus Peripheral Interface
- Firmware Upgrade via LAN or Software
- Smart Phone Control with Integriti Mobile App
- Intelligent Power Control via Smart Fuses



### Integriti Prisma Keypad

The Integriti Prisma Keypad provides a stylish and simple keypad to control the Integriti system. End users can perform simple functions such as arming and disarming areas, locking or unlocking doors, and reviewing event history all accessible via the full colour graphic display. Installers also have the ability to program many of the major features of the Integriti system from the convenience of a Prisma Keypad.

## Integriti with Concept 4000 Modules

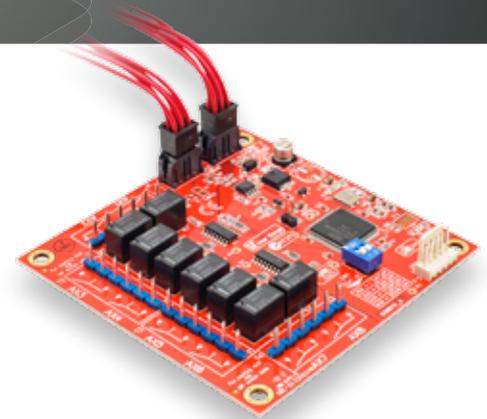
Integriti is a commercial system ready for deployment now. The Integriti architecture supports dozens of Controllers connected via IP, plus RS485 LANs off each Controller. An Integriti system deployed today consists of the Integriti Express or Professional Software Suite, Integriti Security Controllers (ISC's), Integriti Smart Phone App for Apple devices, Integriti Prisma Keypads, Integriti SALTO 8 Door Interface Modules, UniBus 8 Zone Expanders, UniBus 8 Relay Expanders, UniBus RS232/ RS485 UART's, Integriti 2Amp SMART PSU's, Concept 4000 Door Access Modules, Elite Terminals, and Expander Modules.

Concept LAN Module	Integriti Compatible	Notes
Elite Terminal	Yes	End user control supported, standard system programming supported. Advanced system programming such as macros is not supported
Concept Prisma Keypad	Yes	Requires factory firmware upgrade
Concept Touch Screen	No	Concept Touch Screens are not currently compatible, but future releases of the Integriti Controller may support the Concept Touch Screen pending market demand
Concept Weatherproof Terminal	Yes	
Concept Terminal Emulator	Yes	
Universal Expander	Yes	
Mini Expander	Yes	V6.0 or newer firmware required
RF Zone Expander for Paradox & Visonics	Yes	
2 Door Access Module	Yes	
1 Door Access Module	Yes	
Intelligent Two & Four Door Access Modules	Yes – Compatibility Mode Only	Concept Intelligent Access Modules can be used in Integriti compatibility mode with a firmware update. Compatibility mode has limited offline functionality
Concept Analogue Module	Yes	V5.20 or newer firmware required
Concept LAN over Ethernet Module (CLOE)	Yes	
Fibre Modem	Yes	
LAN Isolator	Yes	
Multipath IP Fields STU	Yes	The Integriti ISC Controller has a dedicated Multipath IP interface on board
Concept LAN Power supply	Yes	

## The Range of Integrati Modules

Many Integrati modules are now available and many more are scheduled for release in the coming months. The complete range of Integrati LAN and expansion modules will offer enhanced functionality over and above Concept 4000 modules including:

Over-the-wire firmware updates, Smart Fuses and enhanced system commissioning functionality. There are two kinds of modules, Integrati RS485 LAN modules and Integrati UniBus modules.



*“UniBus is an innovative in-cabinet bus which allows the connection of Expansion modules, Communications modules and Door & Reader modules on a common Plug & Play bus. UniBus is built on the highly reliable CANBus technology and replaces the need for ribbon cables and specialised connectors”*

**Integrati Mobile**  
Get the App for iPad & iPhone

Available on the App Store

Integrati Controller	Zones	Aux	Doors	Readers	Power Supply	Ethernet	Ports
Integrati ISC Controller	16 Expandable to 32 via UniBus Max 3000 via LAN	2 Expandable to 32 via UniBus Max 3232 via LAN	240 Per Controller Via LAN	480 Via LAN	2AMP on board	1 RJ45 Ethernet Port on board	1 USB Master 1 USB Slave 1 RS232 Multipath

Integrati LAN Modules	Zones	Aux	Doors	Readers	Power Supply
SALTO SALLIS 8 Door Interface	-	-	Up to 8 SALTO SALLIS doors connected via SALTO RS485 LAN	Up to 8 SALTO SALLIS Readers connected via SALTO RS485 LAN	Optional 2, 3 or 8AMP via External PSU Connector
** Intelligent 2 Door Access Module (Expandable to 8 Doors)	8 Door Inputs - Expandable to 32 Via UniBus	8 Door & Reader Outputs Expandable to 32 Via UniBus	2 Expandable to 8 Via UniBus	2 Expandable to 16 via UniBus or RS485 Reader Interface (OSDP)	Optional 2, 3 or 8AMP via External PSU Connector
**Cached 2 Door Access Module 2000 User dynamic smart cache	8 (Door Inputs)	8 (Door & Reader Outputs)	2	2 Expandable to 16 via RS485 Reader Interface (OSDP)	Optional 2, 3 or 8AMP via External PSU Connector
**8 Zone Expander	8 Expandable to 32 Via UniBus	2 Expandable to 32 Via UniBus	-	-	Optional 2, 3 or 8AMP via External PSU Connector

Integrati Unibus Modules	Zones	Aux / Ports	Doors	Readers	Power Supply
UniBus 8 Zone Expander	8	-	-	-	Powered Via UniBus
UniBus 8 Aux Relay Card (Lo Current)	-	8	-	-	Powered Via UniBus
UniBus 2 Port RS232 / RS485 UART	-	2 x RS232 / RS485	-	-	Powered Via UniBus
**UniBus 2 Door Interface Card	8 (Door Inputs)	-	2	2	Powered Via UniBus
**UniBus 2 Reader Interface Card	2	-	-	2	Powered Via UniBus
**UniBus Additional Ethernet Port	-	RJ45 Ethernet Port	-	-	Powered Via UniBus
**UniBus Advanced Analogue Input Card	4	-	-	-	Powered Via UniBus

Power Supplies	Supply Volatge	Output Current	Dedicated Batt Charge Current	Output Voltage	PSU & Batt Monitoring
2Amp SMART Power Supply	16V AC	2AMP	Included in total Output Current	13.8V DC	Via any Module with EXT PSU Connector
**3Amp SMART Power Supply	16V AC	3AMP	Included in total Output Current	13.8V DC	Via any Module with EXT PSU Connector
**8Amp + 2Amp SMART Power Supply	240V AC 50Hz	8AMP + 2AMP (Batt)	2AMP +	13.8V DC	Via any Module with EXT PSU Connector

## Software

The Integriti System Management Software Suite is a true enterprise class solution, designed from the ground up for the internet age. Leveraging the very latest platforms and technologies, Integriti software is a world-class product that packages guaranteed reliability, scalability and performance, delivered in a way that will change the game forever!

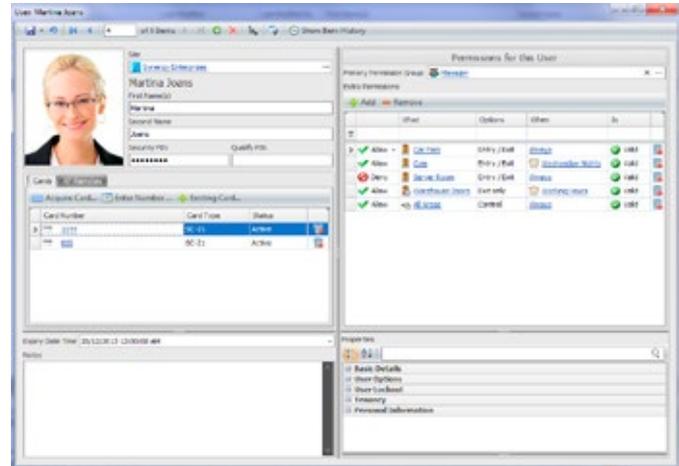
As a native 64-bit cluster-aware application, Integriti software adheres to current IT industry best practices, enabling system administrators to leverage the very latest computer hardware and virtual machine environments, without restrictions, without caveats and without excuses.

The Integriti System Management Software has been designed to make the task of commissioning Multi-Controller systems as easy as possible, with automatic discovery of Controllers and LAN modules followed by a one click enrolment.

User programming offers spectacular flexibility with features like nested user types, granular additional permissions and virtually unlimited permission groups, and that is just the beginning! Large numbers of doors and areas can be assigned directly to individual users or alternatively multiple lists and groups can be employed without restriction.



User specific Allow or Deny options are available on most system entities and the ability to qualify permissions using the state of almost any object in the system will allow system administrators to program permissions using simple who, what and when access rules.



Programming the Integriti software is a system centric experience. Rather than simply mirroring the Controller database, the Integriti Software adopts a world-first “top-down” approach to system programming, employing sophisticated algorithms (instead of manual mapping tables) to automatically convert the system administrator’s intent into low-level Controller programming.

Whether a system has one Controller or one hundred Controllers, simply program users and doors as required and the software manages the data stream to individual Controllers invisibly to both the installer and the end user.

The software view of the system operation can be totally customised on a per operator basis, allowing the re-arrangement of the display and all objects in the system. The software also allows all automated tasks to be scheduled.

The software incorporates a forensic Audit Trail that tracks and time-stamps every programming change made in the system. Programming changes can be rolled-back and re-created as they were at any time in the past.

Unbelievably powerful new script based macro logic will empower system designers to deliver simple solutions for very sophisticated problems. Dynamic Input and Output analogue values can be passed around the system and incorporated into any of the macro logic activity.

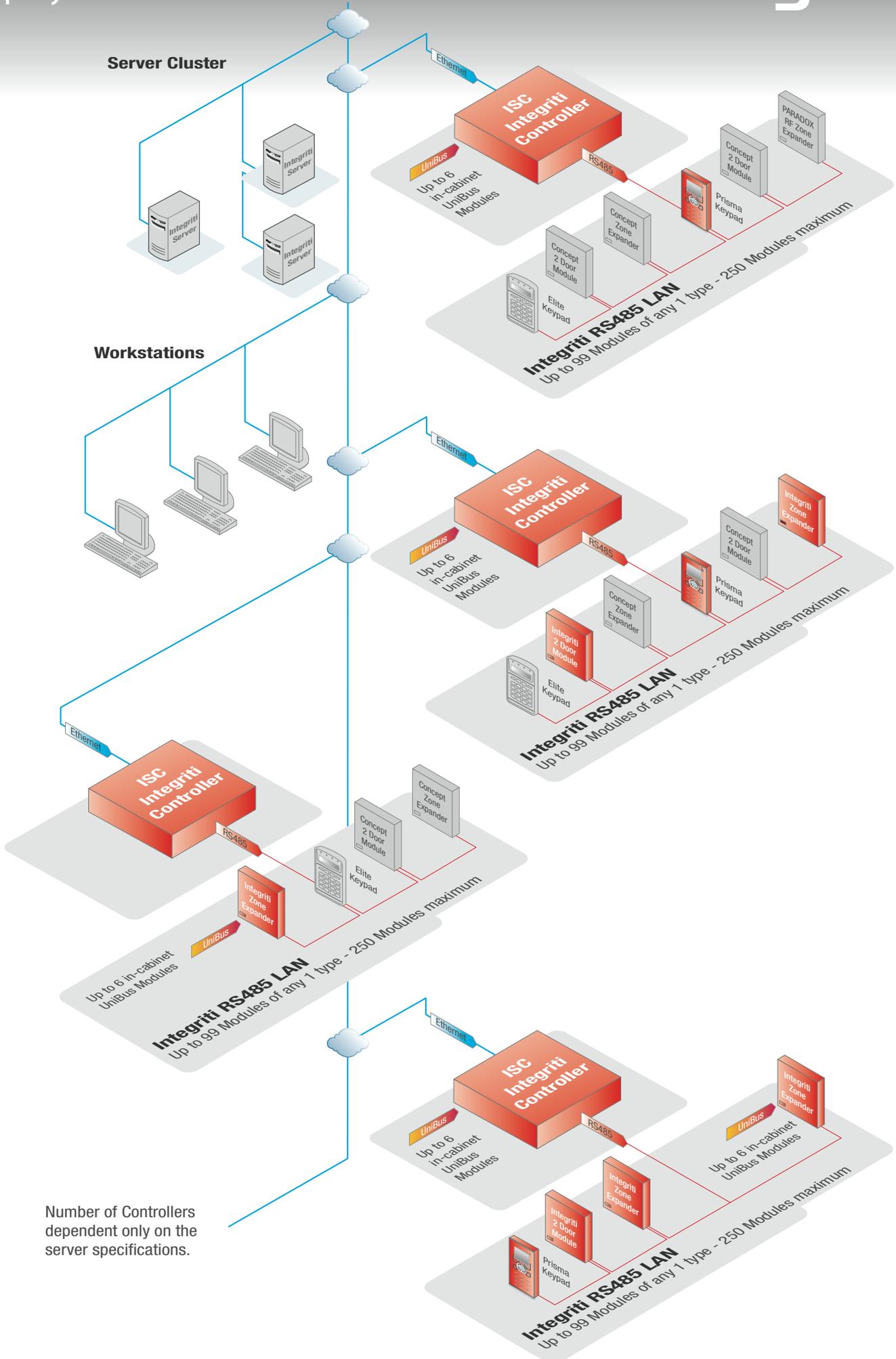
High Level CCTV integration is available and almost all of the interfaces already developed for the Insight product suite are supported.

Drawing on Inner Range’s 20 years of experience in designing continent-spanning multi-site access control and intruder systems, the Integriti System Management Software takes the next step in enabling system administrators to take charge of large complex systems.

*The new Integriti Technology Platform*

*....ENJOY!*

# Deployment Architecture



Number of Controllers dependent only on the server specifications.

# Ordering Information



Integriti hardware is now available for purchase from your local Inner Range Distributor. Integriti Security Controller (ISC) licenses are available to expand the number of Doors, Users, Zones and Review Events. Licensed Level upgrades are described in the table below. Integriti Professional Software supports 16 doors, with additional door licenses above 16 doors purchased separately. Please contact your distributor or our Integriti specialists for assistance with quoting your first Integriti system.

For more information on Integriti please contact:

### Inner Range Integriti Product Specialist

Rusty Blake  
 Mobile: 0439 326 757  
 russell.blake@innerrange.com

### CSD Integriti Product Specialist

Ash Ramanayake  
 Mobile: 0428 538 330  
 ash.r@centralsd.com.au



Description	Part Number
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INTEGRITI SECURITY CONTROLLER HARDWARE (ISC)	PART NUMBER
Integriti ISC Controller in Medium Enclosure with Transformer (16 Doors, 200 Users, 100 Zones, 10,000 Events)	996001AUPS

CONTROLLER HARDWARE SMART CARD LEVELS	PART NUMBER	CONTROLLER HARDWARE SMART CARD OPTIONS	PART NUMBER
ISC Level 1 Smart Card, 40 Doors, 200 Zones, 2,000 Users, 20,000 Events	996020L1	Blank Smart Card (Serialised)	996020
ISC Level 2 Smart Card, 80 Doors, 600 Zones, 10,000 Users, 30,000 Events	996020L2	Smartphone Interface (Allows 5 Devices)	996021
ISC Level 3 Smart Card, 160 Doors, 2,000 Zones, 65,000 Users, 60,000 Events	996020L3	BMS Automation HLI	996022
ISC Level 4 Smart Card, 240 Doors, 3,000 Zones, 100,000 Users, 100,000 Events	996020L4	EMS Lift Integration HLI	996023
		SALTO Door Integration License (Per Door)	996024

UNIBUS MODULES	PART NUMBER	RS-485 LAN MODULES & POWER SUPPLIES	PART NUMBER
UniBus 8 Zone Expander	996500PCB&K	SALTO SALLIS 8 Door Interface - PCB	996015PCB&K
UniBus 8 Aux Relay Expander	996515PCB&K	SALTO SALLIS 8 Door Interface in Small Powered Enclosure	996015AUPS
Unibus 2 Channel RS-232 / RS-485 UART	996520PCB&K	Integriti SMART PSU 2Amp - PCB	996090PCB&K

KEYPADS	PART NUMBER
Prisma Keypad for Integriti – WHITE	996000

INTEGRITI SOFTWARE PRODUCT KEYS	PART NUMBER
Integriti Professional PRODUCT KEY - Includes Pro Software, 1 x ISC Connection, 1 x Client, 16 Doors (Software via web download & Key delivered by IR KeyPoint)	996901
Integriti Express PRODUCT KEY - Includes Express Software, 1 x ISC Connection, Server Only, 16 Doors (Software via web download & Key delivered via IR KeyPoint)	996905
Integriti Express to Professional Upgrade - (Key delivered via IR KeyPoint)	996905UPG
Integriti CS - Integriti Commissioning Software (Available for factory certified Integriti installers with a KeyPoint account)	N/A

INTEGRITI PROFESSIONAL SOFTWARE ADDITIONAL LICENSES	PART NUMBER
Integriti Allow Remote RDP connections	996909
Integriti Additional Workstation/Client Key - For "FIXED" Workstations	996910
Integriti Additional Workstation/Client Key - For "FLOATING" Workstations	996911
Integriti Additional ISC Controller Key - For enrolling extra Controllers	996912
Integriti CCTV Integration - Initial 32 Cameras	996920
Integriti CCTV Integration - Extra 8 Cameras	996921
Integriti PhotoID	996922
Integriti Advanced Reports	996923
Integriti User Qualification Manager	996924
Integriti Advanced Alert - Alarm event & Escalation Manager	996925
Integriti Communicator - Email & SMS communications	996930
Integriti Professional - Extra Door Key - Per Door	996940
Integriti XML READ - 3rd Party Interface	996950
Integriti XML WRITE - 3rd Party Interface	996951
Integriti XML CONTROL - 3rd Party Interface	996952
Integriti Dynamic User Import Module DUIM	996955