

Security Management System from Inner Range

Simply Brilliant



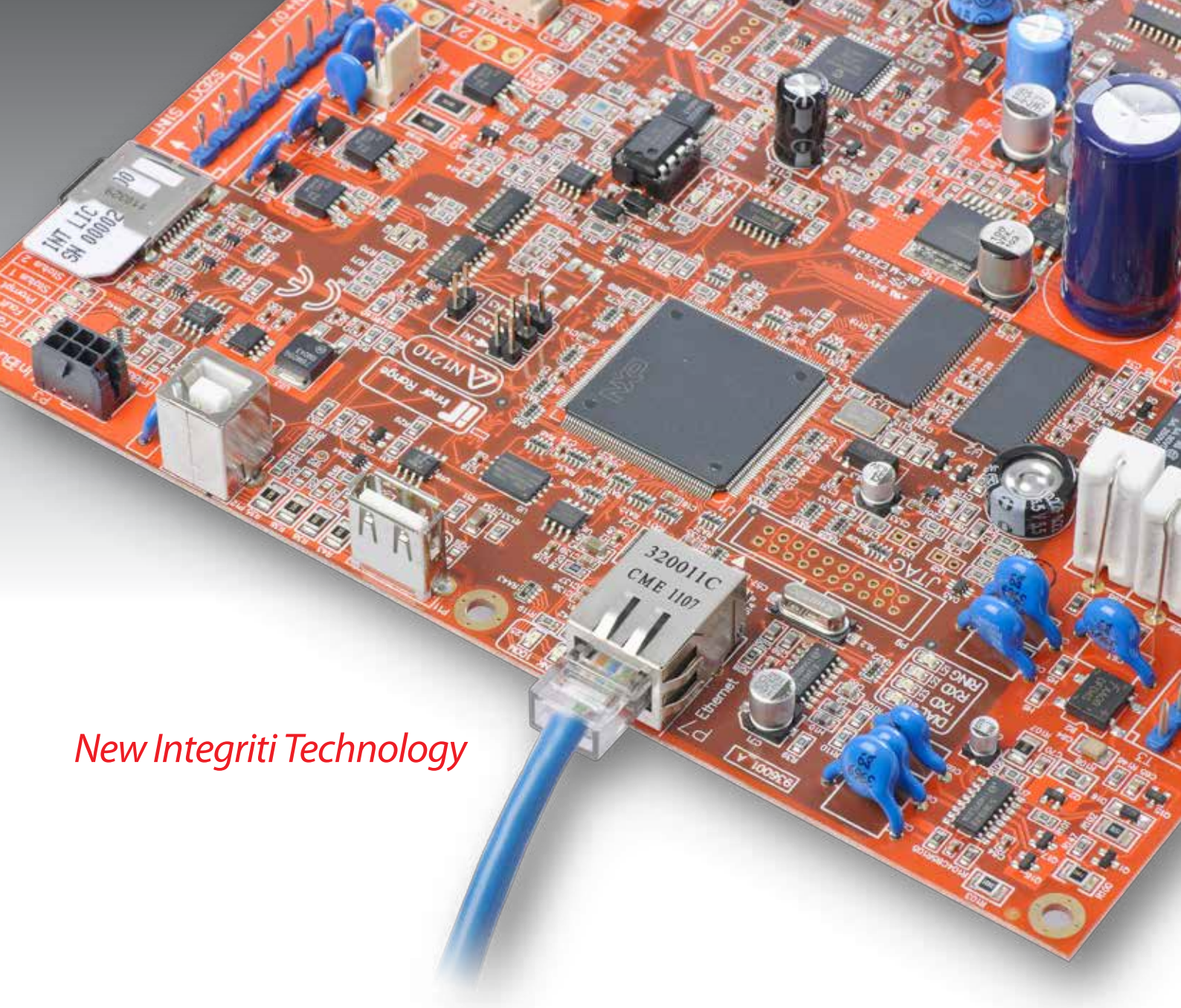
Integriti Introduction For System Integrators



- 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



"Integriti 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 all disaster recovery strategies.

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.

Current Deployment Architecture



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

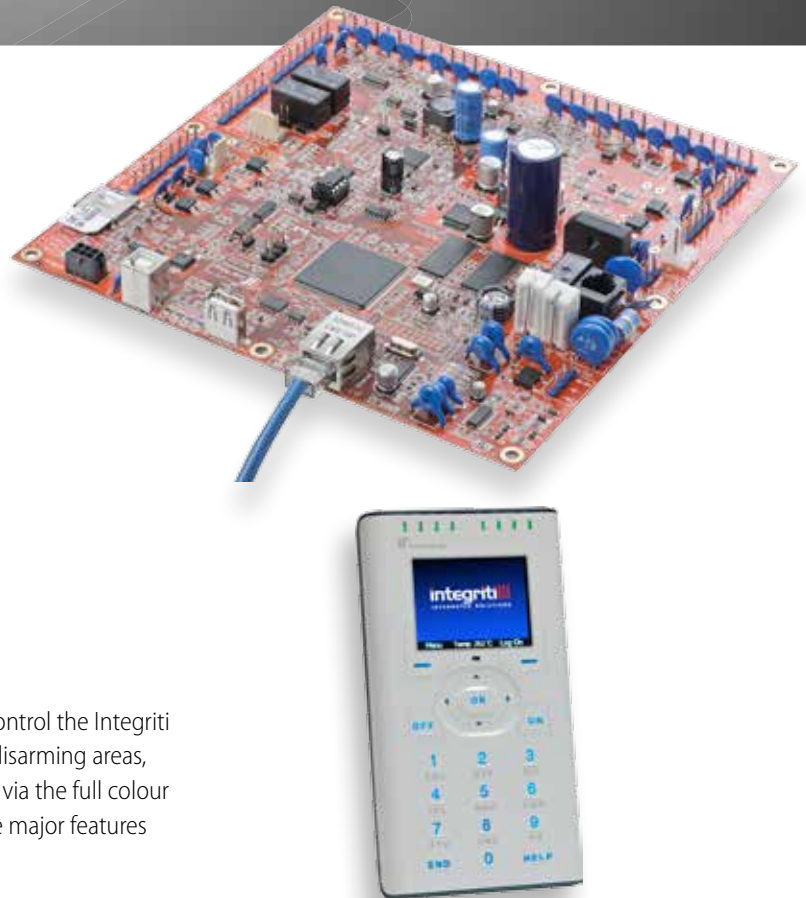
- 32 Bit ARM CPU
- Ethernet on board
- 64 MB RAM
- 2 GB Micro SD on board
- Smart Card Licensing
- USB Master & Slave
- UniBus Peripheral Interface
- Firmware Upgrade via LAN or Software
- Smart Phone Control with Integriti Mobile App
- Intelligent Power Control via Smart Fuses

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	

Deployment Architecture

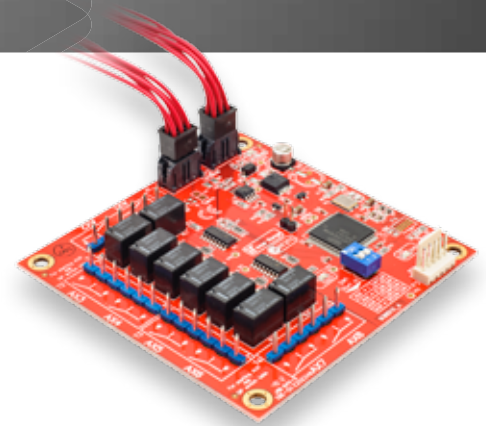


The Range of Integriti Modules

Many Integriti modules are now available and many more are scheduled for release in the coming months. The complete range of Integriti 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, Integriti RS485 LAN modules and Integriti 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”



Integriti Mobile
Get the App for iPad
& iPhone



Available on the
App Store



Integriti Controller	Zones	Aux	Doors	Readers	Power Supply	Ethernet	Ports
Integriti 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

Integriti 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

Integriti 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

** Product scheduled for future release at time of publication

System Management Software Suite



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!

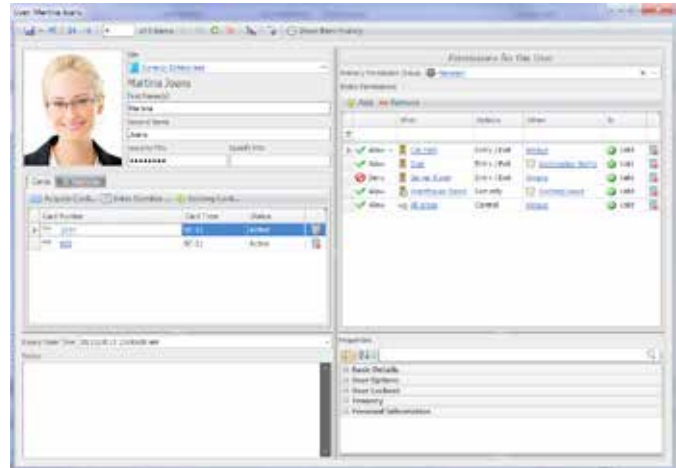
As a native 64-bit cluster-aware application, Integriti software adheres to current IT industry best practices, enabling system administrators to leverage the very latest computer hardware and virtual machine environments, without restrictions, without caveats and without excuses.

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.

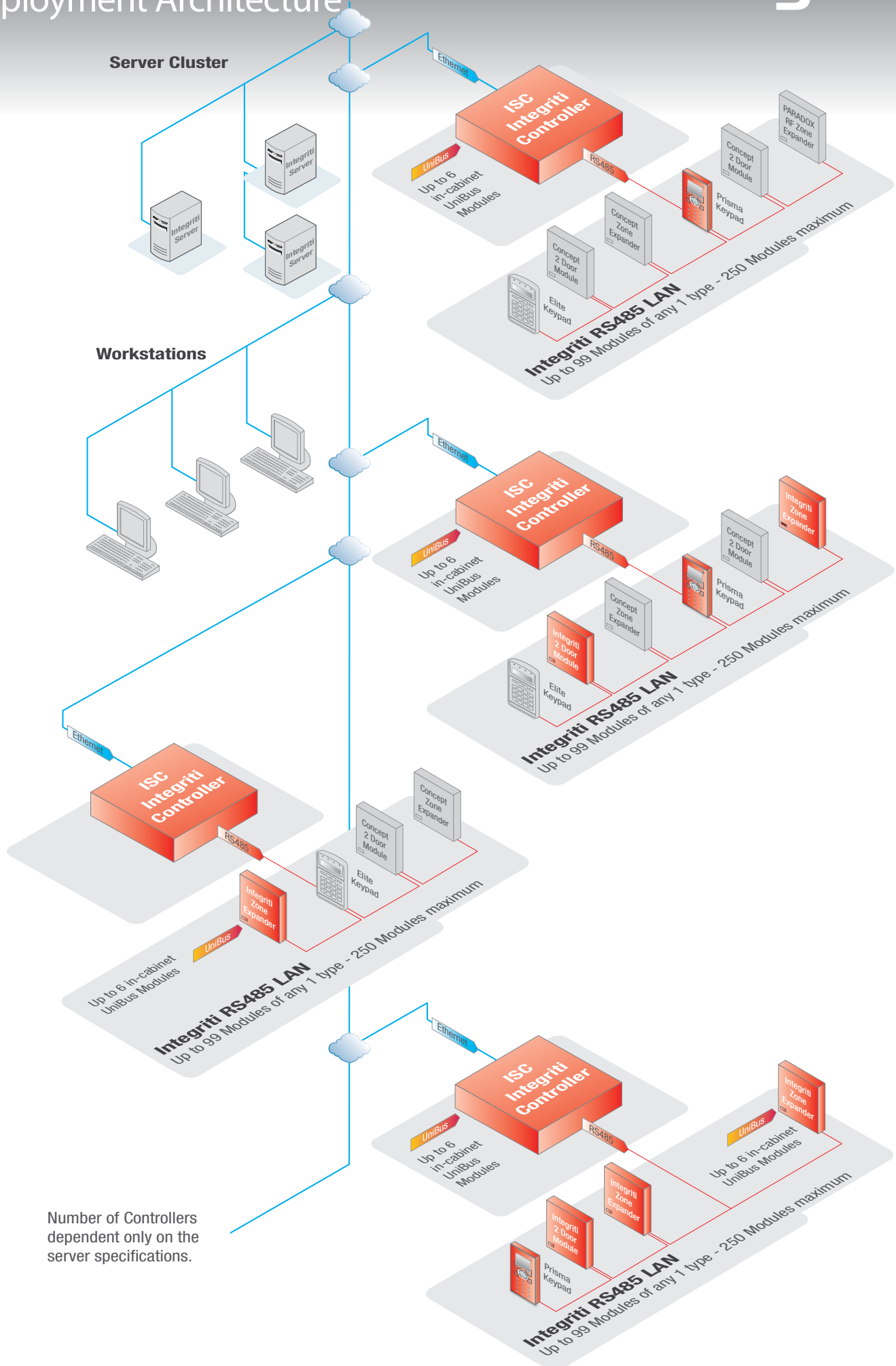
The new Integriti Technology Platform

....ENJOY!

Deployment Architecture



integrati



Number of Controllers
dependent only on the
server specifications.

Ordering Information



Integriti is 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 local Atlas Gentech branch or our Integriti specialists for assistance with quoting your Integriti system

Atlas Gentech (NZ) Limited

Freephone 0800 732 637
orders@atlasgentech.co.nz
www.atlasgentech.co.nz

Leonard Naera

Dealer Manager
Mobile 021 742 030 | Direct 09 574 2728
leonardn@atlasgentech.co.nz



Integriti Security Management System by Inner Range

INTEGRITI CONTROL MODULES

21000	Integriti Security Controller (ISC) - (16D, 200U, 100Z, 10,000E)
21001	Integriti Access Controller (IAC)

INTEGRITI SMART CARDS

Smart Card Options

21050	Integriti - Smart Card - Level 0
21051	Integriti - Smart Card - Level 1 - (40D, 2,000U, 200Z, 20,000E)
21052	Integriti - Smart Card - Level 2 - (80D, 10,000U, 600Z, 30,000E)
21053	Integriti - Smart Card - Level 3 - (160D, 65,000U, 2,000Z, 60,000E)
21054	Integriti - Smart Card - Level 4 - (240D, 100,000U, 3000Z, 100,000E)

Smart Card License Options

21069	Integriti - Smart Card - 5 User/iPhone/iPAD Interface
21070	Integriti - Smart Card - Automation Interface
21071	Integriti - Smart Card - High Level Lift Interface
21072	Integriti - Smart Card - Salto Sallis Door License (for Door)

Smart Card Upgrade Options

21061	Integriti - Smart Card - Level 1 to 2 Upgrade	21064	Integriti - Smart Card - Level 2 to 3 Upgrade
21062	Integriti - Smart Card - Level 1 to 3 Upgrade	21065	Integriti - Smart Card - Level 2 to 4 Upgrade
21063	Integriti - Smart Card - Level 1 to 4 Upgrade	21066	Integriti - Smart Card - Level 3 to 4 Upgrade

INTEGRITI HOST MODULES

21000	Integriti Security Controller (ISC) - (16D, 200U, 100Z, 10,000E)
21001	Integriti Access Controller (IAC)
21120	*Integriti - LAN - 16 Zone Expander
21121	*Integriti - LAN - 8 Zone Expander
21130	*Integriti - LAN - 2 Door Controller - Cached
21131	*Integriti - LAN - 2 Door Controller - Intelligent

INTEGRITI UniBus MODULES

21200	Integriti - UniBus - 8 Zone Expander
21225	Integriti - UniBus - Industrial Analogue Input Card
21211	Integriti - UniBus - 8 Way Aux Relay Card (1A @ 24VDC)
21220	Integriti - UniBus - 2 Door Interface Card
21230	Integriti - UniBus - 2 Port Serial Interface
21231	Integriti - UniBus - Additional Ethernet Port

INTEGRITI SOFTWARE

21500	Integriti - Software - Professional	21540	Integriti - Software - Extra Door Permissions
21501	Integriti - Software - Express - Fixed at 1 Panel, 1 Client, 16 Doors	21545	Integriti - Software - 3rd Party Interface - Read
21505	Integriti - Software - Express to Professional Upgrade	21550	Integriti - Software - 3rd Party Interface - Write
21510	Integriti - Software - Extra Client - Fixed	21555	Integriti - Software - 3rd Party Interface - Control
21515	Integriti - Software - Extra Client - Floating	21560	Integriti - Software - Photo ID
21520	Integriti - Software - Extra Panel	21565	Integriti - Software - Advanced Reports
21525	Integriti - Software - CCTV (32 Cameras)	21570	Integriti - Software - User Qualifications
21530	Integriti - Software - CCTV Extra 8 Cameras	21575	Integriti - Software - Advanced Alarm Handler
21535	Integriti - Software - Communicator	21580	Integriti - Software - Direct User Import Module (DUIM)
FOC	Integriti - Software - Commissioning Software (CS) - available for factory certified Integriti installers with KeyPoint account		

*Not available at time of printing.