

Integriti

Security Management System

Simply Brilliant



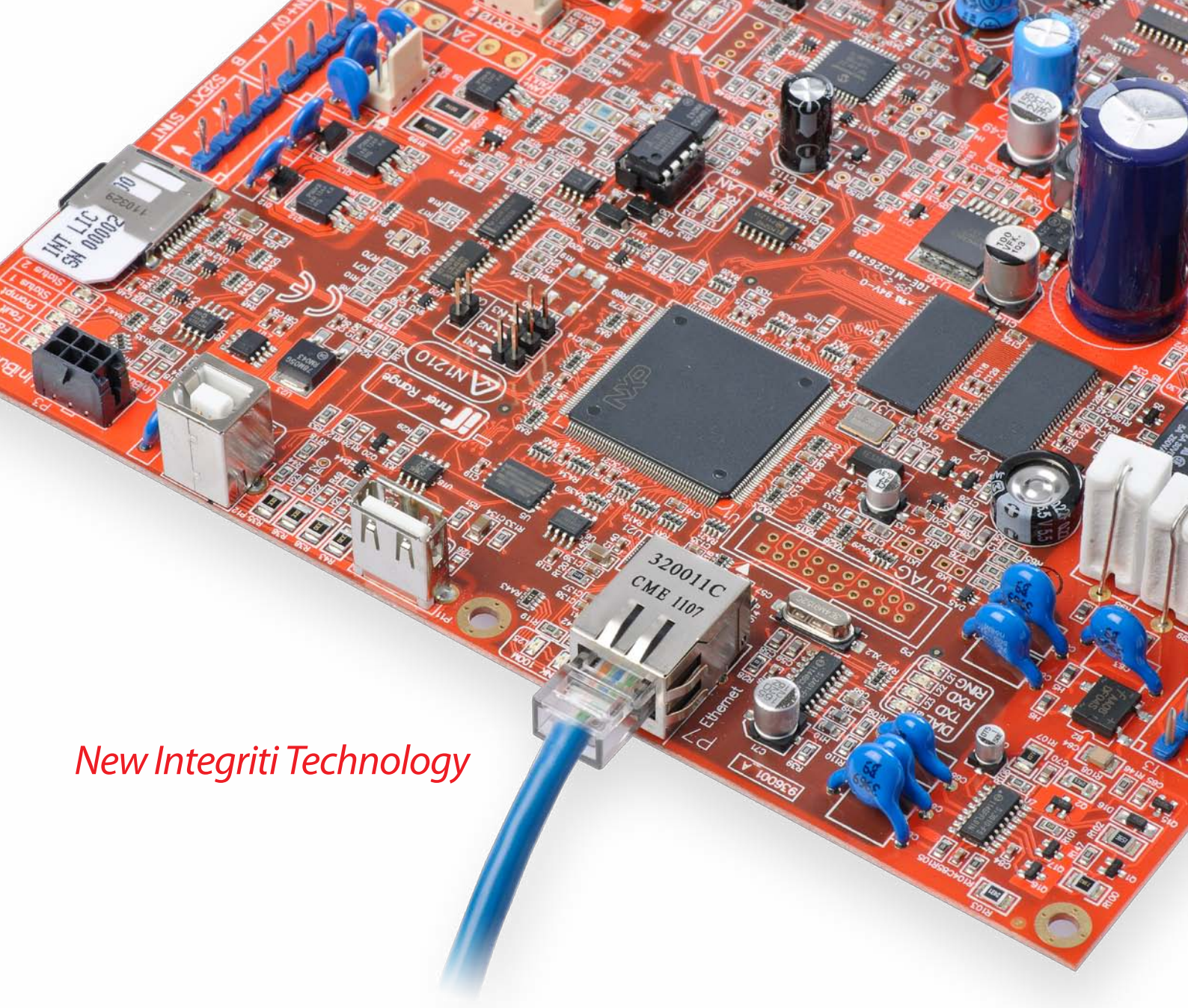
Integriti Introduction For System Integrators



- New seamless IP based Multi-Controller system architecture options
- 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 most Concept LAN modules
- 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, 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.

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
- 2GB Micro SD on-board
- Smart Card Licensing
- USB Master & Slave
- UniBus Peripheral Interface
- Firmware Upgrade via LAN or Software
- Web Server & Web Based Administration
- 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, isolating zones, and reviewing event history all accessible via the full colour graphic display. Installers also have the ability to program all the major features of the Integriti system from the convenience of a Prisma Keypad.



Integriti with Concept 4000 Modules

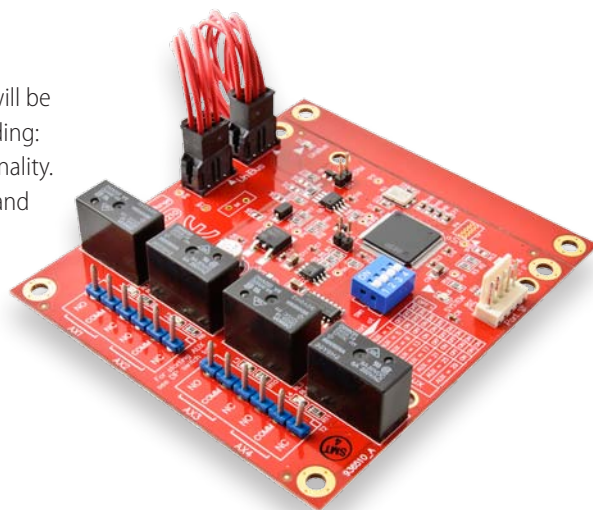
Integriti is a commercial system ready for deployment now. The Integriti architecture supports dozens of controllers connected via IP, plus RS485 LANs off each controller. An Integriti system deployed today consists of Integriti Security Controllers (ISC's) Integriti Prisma keypads, Concept 4000 Door 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
Universal Expander	Yes	
Mini Expander	Yes	
Inner Range/Paradox RF zone expander	Yes	
2 Door Access Module	Yes	
1 Door Access Module	Yes	
Concept Prisma keypads	Yes	Requires Factory Firmware Upgrade
Concept Touch Screens	Planned	Concept Touch Screens are not currently compatible, but future releases of the Integriti controller may support the Concept Touch Screen
Intelligent Two & Four Door Controllers	No	The massive Integriti database is unable to be stored on Concept Intelligent Door Controllers due to memory size limits on-board the Intelligent Controllers

Integriti With New Integriti Modules

(Available Q3 2012)

Over the next 12 months a complete new range of Integriti LAN and expansion modules will be released. These offer enhanced functionality over and above Concept 4000 modules including: Remote firmware upgradability, Smart fuses and Enhanced system commissioning functionality. There are two kinds of modules that are planned for release, 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 even 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 Controller	Zones	Aux	Doors	Readers	Power Supply	Ethernet	USB Port
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 4 Via UniBus 240 Via LAN	16 Via UniBus 500 Via LAN	2 Amp Onboard Plus Monitoring of External PSU	1 RJ45 10/100 Ethernet Port Onboard	1 Master 1 Slave

Integriti LAN Modules	Zones	Aux	Doors	Readers	Power Supply
16 Zone Expander RS-485 LAN Module	16 Expandable to 32 Via UniBus	2 Expandable to 32 Via UniBus	-	-	2 Amp Onboard Plus Monitoring of External PSU
8 Zone Expander RS-485 LAN Module	8 Expandable to 32 Via UniBus	2 Expandable to 32 Via UniBus	-	-	Optional PSU Via External PSU Connector
Cached 2 Door Controller RS-485 LAN Module	8 (Door Inputs) Expandable to 32 Via Unibus	Expandable to 32 Via UniBus	2 Expandable to 8 Via Unibus	2 Expandable to 16 Via Unibus	Optional PS Via PS Connector
Intelligent 2 Door Controller RS-485 LAN Module	8 (Door Inputs) Expandable to 32 Via Unibus	Expandable to 32 Via UniBus	2 Expandable to 8 Via UniBus.	2 Expandable to 16 Via Unibus or RS485 Reader Interface	2 Amp Onboard Plus Monitoring of External PSU

Integriti Unibus Modules	Zones	Aux	Doors	Readers	Power Supply
UniBus 8 Zone Expander	8	-	-	-	Powered Via UniBus
UniBus 4 Aux Relay Card (Hi Current)	-	4	-	-	Powered Via UniBus
UniBus 8 Aux Relay Card (Lo Current)	-	8	-	-	Powered Via UniBus
UniBus 2 Port Serial Interface	-	-	-	-	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	-	-	-	-	Powered Via UniBus
UniBus Industrial Analogue Input Card	4	-	-	-	Powered Via UniBus

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!

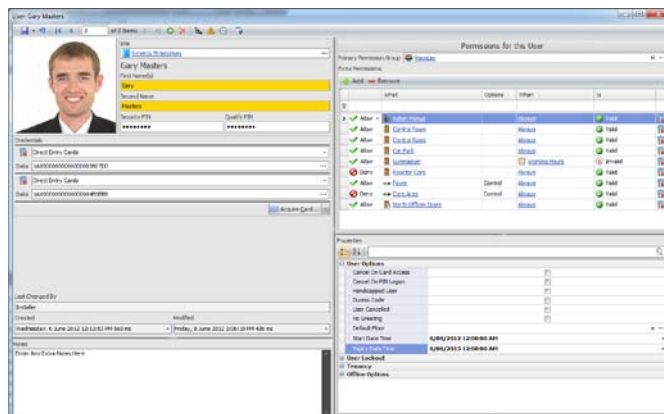
As a native 64-bit cluster-aware application, Integriti software adheres to current IT industry best practices, enabling system administrators to leverage the very latest computer hardware and virtual machine environments, without restrictions, without caveats and without excuses.

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 fifty 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.

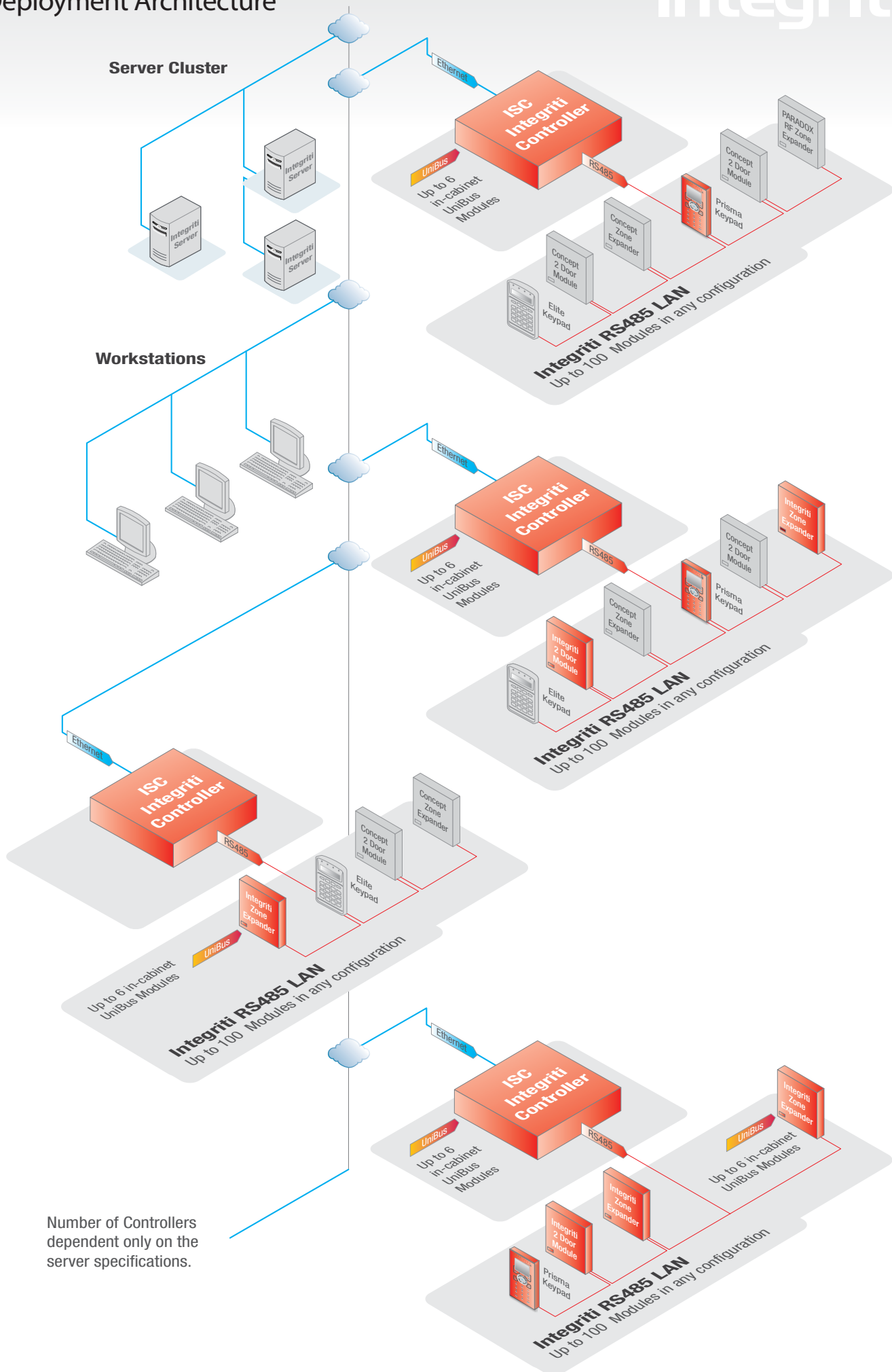
From the first release of the Integriti Software, High Level CCTV integration will be available and almost all of the interfaces already developed for the Insight product suite will be supported.

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



From July 2012, 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 Inner Range Europe or our Integriti specialists for assistance with quoting your first Integriti system!

For more information on Integriti Please Contact:

Inner Range Europe Integriti Support

+44 845 470 5000

integriti@innerrange.co.uk



Description	Part Number
INTEGRITI SECURITY CONTROLLER HARDWARE (ISC)	
Integriti ISC Controller in Medium Enclosure with Transformer (16 Doors, 200 Users, 100 Zones, 10,000 Events)	996001EUPS
ISC SMART CARD LEVELS	
ISC Level 1 Smart Card, 40 Doors, 200 Zones, 2,000 Users, 20,000 Events	996020L1
ISC Level 2 Smart Card, 80 Doors, 600 Zones, 10,000 Users, 30,000 Events	996020L2
ISC Level 3 Smart Card, 160 Doors, 2,000 Zones, 65,000 Users, 60,000 Events	996020L3
ISC Level 4 Smart Card, 240 Doors, 3,000 Zones, 100,000 Users, 100,000 Events	996020L4
TERMINALS	
Prisma Terminal for Integriti – WHITE	996000
Prisma Terminal for Integriti – BLACK	996000B
INTEGRITI SOFTWARE	
Integriti Professional Software PRODUCT KEY (This is delivered to you via E-mail) Integriti Professional Includes 1 x ISC Connection, 1 x Client Connection & First 16 Doors (Integriti Professional Software is supplied via Download Only)	996901
INTEGRITI PROFESSIONAL SOFTWARE EXPANSION & ADDITIONAL MODULE KEYS	
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 Professional - Extra Door Key - Per Door	996940