



## CPLX-C/CU

Dedicated Device Controller



The CPLX-C is an extremely versatile and highly reliable 4-port controller which is designed to integrate with other Condoplex sub-systems (i.e. ACCESS CONTROL, SUITE SECURITY, VOICE COMMUNICATIONS, PANIC ALARM, ELEVATOR CONTROL, CCTV CONTROL AND MEDIC ALERT). This is done via a common yet powerful 32 BIT Pentium class processor. Its embedded multi-user / multi-tasking Operating System (LINUX-based) permits deterministic responses to every process on the controller. Each port (a,b,c,d) is designed to interrogate the operational state of each security device within 0.25 of a second. Alarm or trouble conditions are reported immediately to the CPLX Server for further action and response. Performance and reliability is assured since each PORT on the CPLX-C operates independent of each other.

### Hardware

- Networked (TCP/IP) or Stand Alone
- Intelligent on board 32 BIT Pentium Class Processor
- Expandability is simple and cost-effective
- Fanless Operation to work in harsh environments
- Graceful shutdown in the event of a power failure

### Firmware

- Embedded LINUX O/S for high uptime and reliability
- Remote Internet VPN communications
- Field-device interrogation every 0.25 seconds
- Supports Remote Diagnostics & System Upgrades
- Immune to Microsoft Viruses
- Supports Industry Standard 26 Bit ID, HID/Indala RF LOGICS, MIFARE and other protocols

Another key feature of the CPLX-C Controller is its completely distributed database. All DATA relating to the "field" devices that are connected with it are downloaded to its internal memory, thus enabling each controller to continue to operate when communications to the Server is lost. Once in a "stand alone" mode, the controller records all network operations under its control, and makes complex, unassisted decisions until the network is re-established.

## Benefits

### REMOTE SERVICE CAPABILITY

Controllers can be serviced and/or upgraded from remote distances without shutting down the controller(s). This alleviates disruption in service and the need for costly site visits by the dealer.

### LOCAL INTELLIGENT CONTROLLER DATABASE

Allows for "real-time" decisions and processing without assistance from the Server.

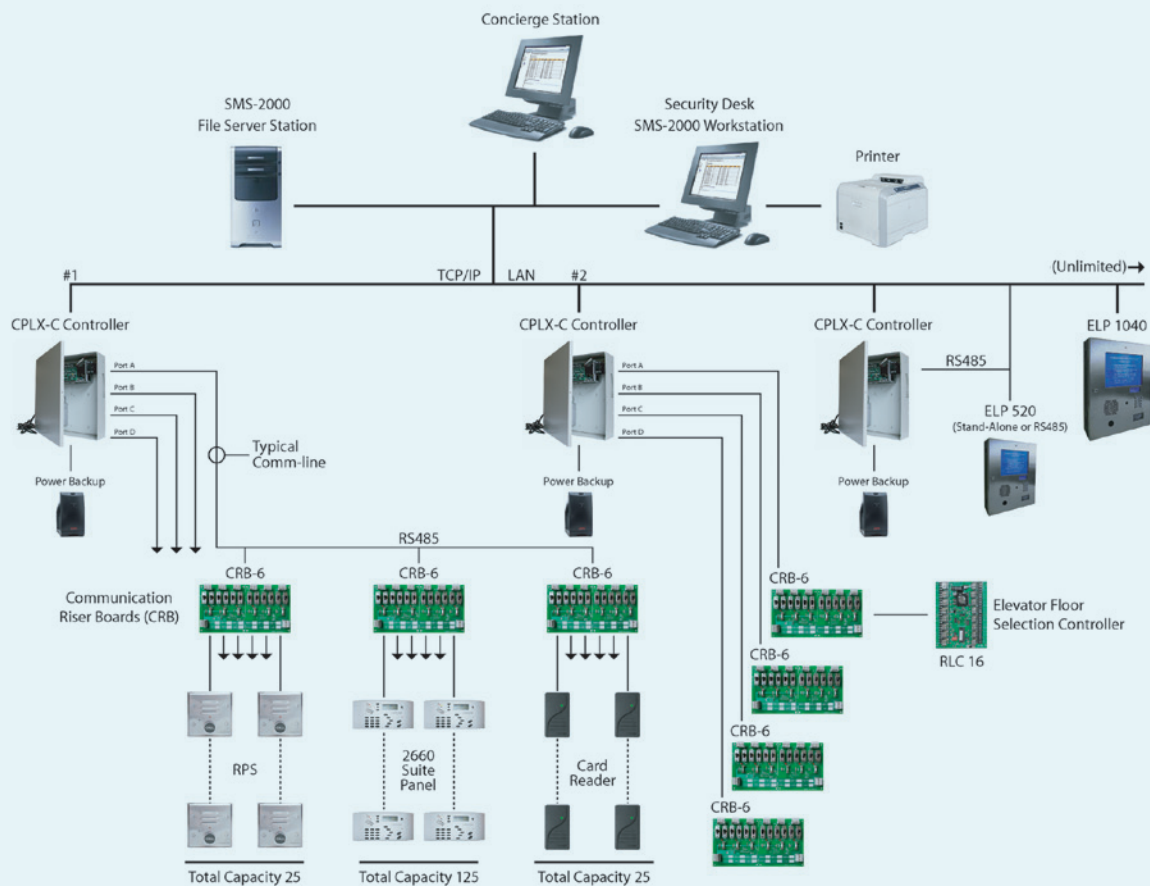
### DEVICE INTERROGATION

Interrogation tests and provides immediate notification to guards/property management should a device malfunction.

### NETWORK VPN

Controllers may operate over the internet VPN, potentially saving thousands on cabling charges.

## System Architecture



## Specifications

Dimensions	44 cm (L) x 34 cm (W) x 9 cm (D) 17" (L) x 13" (W) x 3.5" (D)
Shipping Weight	15 lbs / 7 kgs
Operating Temp.	0°C, -32°F, to +50°C, 132°F
Power Requirement	+5V@2.0Amps
Mounting Requirement	Metal Enclosure CB1317

Microprocessor	Pentium Class 400 MHz
Communication Formats	TTL, 100Mbit, Ethernet, IDE, PC/104
VGA Output	CRT / STN 800x600 / 1024x768
Ports	4 independent RS485 Ports, exp. to 8
Memory	128 SDRAM
Mass Storage	4GB DOC Flash

Firmware	CPLXFC-1000 LINUX
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Accessories	CPLX Port Expander Module
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Features and Specifications subject to change without notice • Contact your Condoplex dealer to select features best suited for your facility and budgetary needs.