Open new doors with Mercury security hardware from Johnson Controls
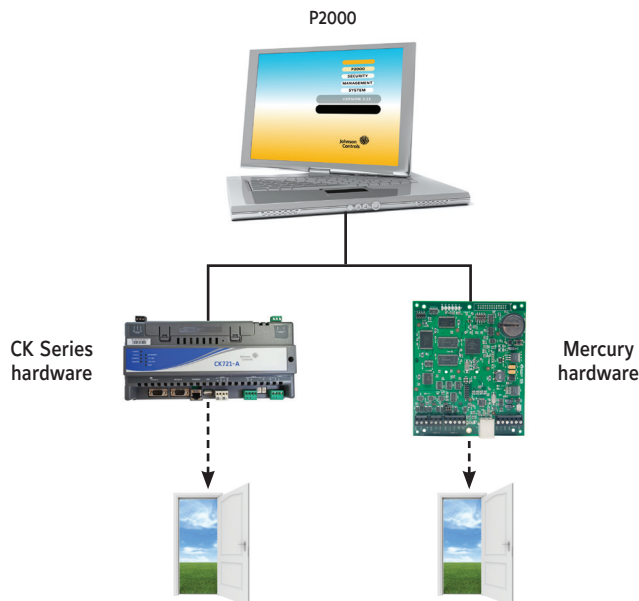
Johnson
Controls

Mercury hardware integration adds new options for P2000 systems.

Integration of Mercury hardware into the P2000 security management system platform enables Johnson Controls to provide customers with:

- **New options** for cost-effective management and maintenance of your security system

- **More control and capability** to create new solutions for your evolving security challenges by leveraging the open integration capabilities of P2000

- **Peace of mind** that your security investment today will retain its value tomorrow because of Johnson Controls' and Mercury Security's demonstrated commitment to open standards

P2000 works with either CK Series hardware, Mercury hardware, or both.

P2000 supports the use of Mercury and CK Series hardware simultaneously, in one system. This enables existing CK Series customers to add the new functionality of Mercury controllers to their existing systems. It also allows Mercury hardware users transitioning to P2000 more options for future system expansion.

P2000

CK Series hardware

Mercury hardware

Mercury hardware makes it easier than ever to change to Johnson Controls' P2000 security management system.

Change over to the P2000 security management system with your existing Mercury EP Series hardware without the hassles:

- **No rip and replace** of your current Mercury EP Series hardware.

- **No firmware updates –** P2000 will integrate with Authentic Mercury access control hardware from any of the following manufacturers:

  TM
  AUTHENTIC
  MERCURY

  - Arinc
  - Digiwatch Systems
  - Honeywell
  - ID Group
  - IDenticard
  - IMRON
  - Keri Systems
  - Lenel
  - MAXXESS
  - Midpoint
  - Next Level
  - Open Options
  - Plasec
  - Quintron
  - RedCloud
  - RFLogics
  - RS2
  - S2
  - Touchcom

- **Minimal software configuration –** P2000's ease of use and feature-rich integration to the Mercury hardware platform means that most setups can be completed with minimal setup and transition time.

Mercury controllers, modules and accessories

Network controllers

	CKM-EP2500	CKM-EP1502	CKM-EP1501
Protocol	RS485	RS485	Native Ethernet with PoE
Max # of doors	64	64	17
# of onboard reader ports	None	2	2* (single opening)
I/O Capability	8 in	8 In & 4 Out	2 In & 2 Output
# of Cardholders	500,000	240,000	240,000
# of Events	50,000	50,000	50,000
Wireless lock integration	Aperio and Schlage	Aperio	Aperio and Schlage

Interface modules
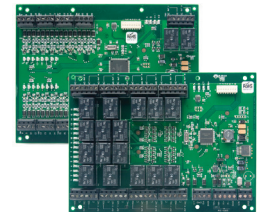
	CKM-MR52	CKM-MR50	CKM-MR51e	MR16in & MR16out
Protocol	RS485	RS485	Native Ethernet w/ PoE	RS485
# of Reader Ports	2	1	2	N/A
Inputs	8	2	4	16
Outputs	6	2	2 PoE Out – 12VDC @700mA	16 Form C, 5A

Intrusion display

	DM-21
Control	Arm & disarm areas and bypass zones
Display	32 character LCD display

Multiplexer

	CKM-MUX-8
Input type	RS-232 or RS-485
Communication channels	8 x RS-485

Mercury enclosures and pre-configured panels

Enclosures

	CKM-FPO150-E4M	CKM-FPO75-E2M	CKM-FPO75-E1M
Size	20" x 24" x 4.5"	16" x 20" x 4.5"	12" x 14" x 4.5"
Power supply	CKM-FPO150 (150 W)	CKM-FPO75 (75 W)	CKM-FPO75 (75 W)
Boards accommodated	EP2500, EP150x, MR5xx	EP2500, EP150x, MR5xx	EP1501, MR51e
Maximum expansion	5 boards (6 without power supply)	3 boards	3 boards
Weight empty	22 lbs.	18 lbs.	7.7 lbs.
Battery accommodation	Holds standard 12 Ah battery	Holds standard 12 Ah battery	Holds standard 12 Ah battery
Other features	Keyed lock & tamper switch	Keyed lock & tamper switch	Keyed lock & tamper switch

Pre-configured panels
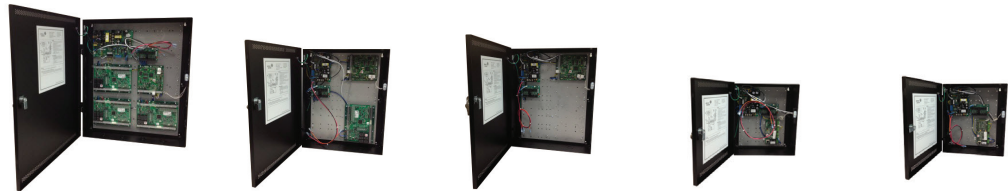
	SPF1I300-1J00	SPF1I000-1I00	SPF10000-1I00	SPH10000-1H00	SPE10000-1H00
Enclosure Model	CKM-FPO150-E4M	CKM-FPO75-E2M	CKM-FPO75-E2M	CKM-FPO75-E1M	CKM-FPO75-E1M
Enclosure Size	20" x 24" x 4.5"	16" x 20" x 4.5"	16" x 20" x 4.5"	12" x 14" x 4.5"	12" x 14" x 4.5"
Boards included	1 x EP2500 3 x MR52	1 x EP2500 1 x MR52	1 x EP2500	1 x MR51e	1 x EP1501
Power supply	CKM-FPO150 with distribution module	CKM-FPO75 with distribution module	CKM-FPO75 with distribution module	CKM-FPO75 with distribution module	CKM-FPO75 with distribution module
# of Readers	6	Up to 4	Up to 4	1	2
Empty Slots	1	1	2	0	0

Contact your local Johnson Controls
Account Executive to *Open New Doors*
for your organization today.

1-866-893-0423 OR EMAIL BE-SECURITY@JCI.COM

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