

## **Brivo Mercury Solutions**

Mercury OEM Panels provide a non-proprietary hardware solution and/or upgrade path for existing Mercury installations

## Brivo Mercury Solutions consist of Brivo OEM Mercury panels and a Mercury Provisioning Tool

Brivo Mercury Solutions provide users a path to easily transition existing Mercury control panels from competitive systems, while also allowing the expansion of existing Mercury-based systems with new Brivo OEM Mercury panels.







MP2500



MP1502 / MP4502

## **BRIVO OEM MERCURY PANELS**

Mercury OEM Panels provide a non-proprietary hardware solution and/or upgrade path for existing Mercury installations.

- Supports all Standard Brivo Access Features
- Supports 30 doors per LP1502, LP4502, MP1502 or MP4502 Mercury control panel
- Supports 28 doors per LP2500 or MP2500 Mercury control panel
- Supports 17 doors per LP1501 or MP1501 Mercury control panel
- Supports Brivo Mobile Pass credentials via server command or HID Mobile Pass BMP Add-on
- Supports live event and device status
- Secure host communication over the internet
- Ability to upgrade outdated Mercury based access systems without additional hardware

## **MERCURY PROVISIONING TOOL**

The Mercury Provisioning tool is a cloud-based service that easily converts outdated on-premise Mercury installations to Brivo Access.

- Supports LP1501, MP1501, LP1502, MP1502, LP2500, and MP2500\*
- Easily converts a Mercury control panel to communicate with Brivo Access
- Updates control panel to Brivo OEM configuration
- Automatic firmware upgrades on conversion, if needed

\* Brivo support for Mercury EP Series OEM panels is being discontinued March, 2026. Replace any EP Series controller with the MP series.

	BRIVO MERCURY CON	ITROLLER SPECIF	ICATIONS		
PART NUMBER	MRC-MP1501	MRC-MP1502 / MRC-MP4502		MRC-MP2500	
DESCRIPTION	Single reader intelligent controller. Supports 1 door position input, 1 request to exit and 1 lock relay output. Expands to 17 doors using MRC-MR50-S3.	2 reader intelligent controller. Supports 2 door position inputs, 2 request to exit inputs and 2 lock relay outputs. Expands to 30 doors using MRC-MR52-S3 or S3B.		2 Intelligent controller. Expands to 28 doors usin	
OPERATION MODE SUPPORTED	Native Legacy = Panel will register and operate as LP. Native = Panel will register and operate as MP"				
TOTAL NUMBER OF CREDENTIALS	Unlimited credentials per panel when online and connected to Brivo Access. Up to 10,000 cardholder capacity while offline.				
EVENT HISTORY	500,000 events (FIFO) offline from host				
MAXIMUM NUMBER OF READERS/DOORS	Single reader interface. Up to 17 readers with expansion boards.	2 reader interfaces. Up to 30 readers with expansion boards.		Up to 28 readers with expansion boards.	
INPUTS	2 programmable general purpose (EoL). 1 dedicated unsupervised for cabinet tamper.	8 programmable general purpose (EoL). 1 dedicated unsupervised for cabinet tamper and power monitor.		and 2 dedicated unsupervised for cabinet tamper	
OUTPUTS	2 relays: Form-C, 2A @ 30VDC, resistive	4 relays: Form C, 5A @ 30VDC		N/A	
MAX # OF I/O AND/OR DOOR EXPANSION BOARDS	Up to 8	Up		Up to 14	
AUTHENTICATION AND ENCRYPTION	TLS 1.2/1.3 or AES-256/128				
INPUT POWER	PoE (802.3af) or PoE+ (802.3at) or 12VDC +/- 10%, 1.8A maximum	12-24VDC +/- 10%, Primary - 550 mA maximum, Readers Output 600 mA, Add reader consumption to Max Input Power.		der   12-24VDC +/- 10%, Primary - 550 mA maximum	
READER COMMUNICATION	Wiegand or OSDP (single RS-485 port used for either OSDP or downstream communications, not both)	Wiegand or OSDP		N/A	
BOARD DIMENSIONS	5.5 x 2.75 x 1.0 in   140 x 70 x 24 mm	6.0 x 8.0 x 1.0 in   15	2 x 203 x 25 mm	5.0 x 6.0 x 1.0   127 x 152.4 x 25 mm	
HOST COMMUNICATIONS	Ho	st communications via Ethernet, IP Client to Brivo		rivo MPS	
CARD FORMATS	26-bit, 37-bit, Corporate 1000 (35 and 48-bit), Wavelynx 56-bit				
	BRIVO MERCURY DOC	R BOARD SPECIF	ICATIONS	-	
PART NUMBER	MRC-MR50-S3			MRC-MR52-S3 or S3B	
DESCRIPTION				dule with Series 3 hardware. Supports 2 door uest to exit inputs and 2 lock relay outputs.	
READERS/DOORS SUPPORTED	1	2			
READER COMMUNICATION	Wiegand or OSDP				
INPUTS	cabinet tamper.		8 programmable general purpose (EoL). 2 dedicated unsupervised for cabinet tamper and power monitor.		
OUTPUTS	normally closed: 3A @ 30VDC resistive.Relay 2: 2A @ 30VDC resistive.				
BOARD DIMENSIONS	2.75 x 4.25 x 1.0 in   70 x 108 x 25.4 mm	6.0 x 8.0 x 1.0 in   152mn			
INPUT POWER	12-24VDC +/- 10%, 150mA maximum		50mA maximum		
CONNECTIVITY	·				
	BRIVO MERCURY I/O	BOARD SPECIFIC	CATIONS		
PART NUMBER	MRC-MR16IN-S3B			MRC-MR16OUT-S3B	
DESCRIPTION	General purpose input board for auxiliary device	es and monitoring	General purpose output board for auxiliary devices or elevator control		
INPUTS	16 programmabale general purpose (EoL). 2 dedicated unsupervised for tamper and power monitor.		2 dedicated unsupervised for tamper and power monitor		
OUTPUTS	closed: 3A @ 30VDC resistive 3A @ 30VI		16 Form-C Relays: No 3A @ 30VDC resistive	Form-C Relays: Normally open: 5A @ 30VDC resistive Normally closed: A @ 30VDC resistive	
BOARD DIMENSIONS	6.0 x 8.0 x 1.0 in   152 x 203 x 25 mm		T		
INPUT POWER	12-24 VDC +/- 10%, 350mA maximum				
CONNECTIVITY	RS-485, 2-wire, 4,000' (twisted pair with shield				
	BRIVO MERCURY BOARD GE	NERAL SYSTEM S	SPECIFICATIONS		
CONNECTIVITY	Primary port: 10/100 Ethernet				
ALARM MANAGEMENT / EOL	Normally open/normally closed, programmable unsupervised/supervised. End-of-line (EoL) resistors: 1k+1k ohm, 1 %, ¼ watt standard.				
TEMPERATURE AND HUMIDITY RANGE	Operating: 0-70°C / Storage: -55-85°C / Humidity: 5-95%				
COMPLIANCE	UL 294 Recognized, FCC Part 15 Class A, CE Co Certified Encryption	mpliant, RoHS (2011/6	5/EU & 2015/863), EU	REACH (1907/2006), California Proposition 65, NIS	
	ASSOCIATED L	SP POWER SUPP	LIES		
PART NUMBER	LSP-DV75-M	LSP-DV150-M		LSP-DV250-M	
DESCRIPTION	Supports 1 LP1502, 1 MR52 and 4 locks.LSP	pply.Supports 1 LP1502 board, 3 MR52 Sup		Dual voltage 250W integrated power supply. Supports 1 LP1502, 7 MR52 boards, and 16 locks. LSP part no. FP0150/250-2C82D8PE8M2	



Contact us at brivo.com