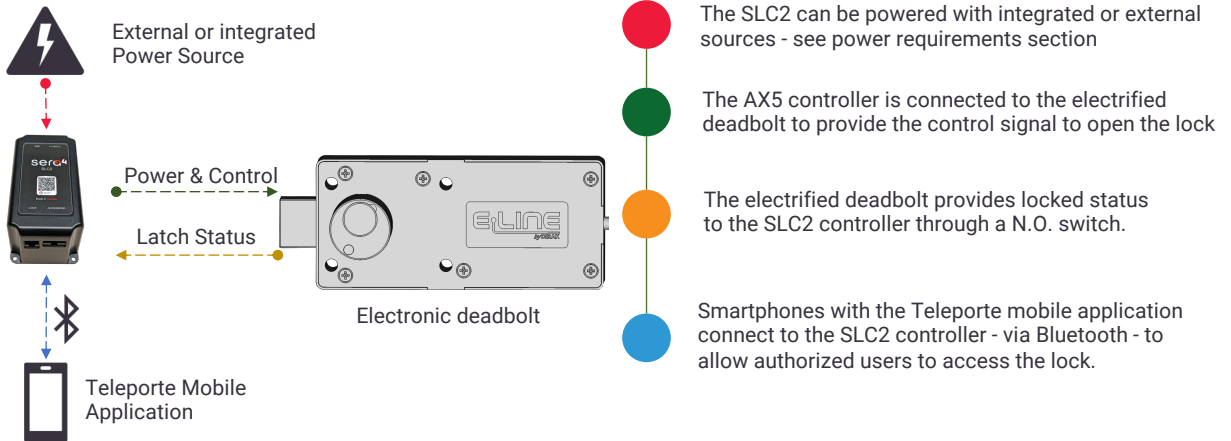# Electric Deadbolt for Traffic Cabinets
Dirak MLU 1004

sera4

Components

Access to the Dirak MLU 1004 deadbolt can be digitized with the Teleporte keyless technology by integrating the SLC2 lock controller.

External or integrated Power Source

Power & Control

Latch Status

Electronic deadbolt

Teleporte Mobile Application

The SLC2 can be powered with integrated or external sources - see power requirements section

The AX5 controller is connected to the electrified deadbolt to provide the control signal to open the lock

The electrified deadbolt provides locked status to the SLC2 controller through a N.O. switch.

Smartphones with the Teleporte mobile application connect to the SLC2 controller - via Bluetooth - to allow authorized users to access the lock.

Power Requirements

There are three options to power the controller:

- Option 1 [Integrated]: 6 AA lithium batteries
- Option 2 [USB C port] : 5VDC / 3A
- Option 3 [push-wire connector] : 12VDC / 1A

- An AC to DC converter may be required if there is only AC power available.
- AC to USB adapters can also be used to power the controller.
- Electric lock cannot draw more than 1A

Installation

There are two options to mount the SLC2:
- Using four M3 screws with a head no larger than 8mm (5/16)
- Using a standard 35mm (1-3/8") DIN-rail via the DIN-rail flex connector.

- The MLU 1004 deadbolt has been design to retrofit the mechanical version with the same form factor (Corbin No. 15481RS enclosure lock) and mounting points to simplify installation.
- Refer to the installation manual in the support portal for more details or email us at support@sera4.com.

Wiring

The cable hardness that comes with the SLC2 controller has four color coded cable jackets, each of them with two inner wires. The diagram below uses this color coding to shows the wiring configuration between the controller and the Dirak MLU 1004 deadbolt. Sera4 also provides magnetic door contacts to monitor the open/close status of the cabinet door.