

# E series

## No more lost keys



Parity Medical offers professional project management and installation services, which are designed to get your project completed quickly, efficiently, and free up hospital resources. These services include:

- initial site surveys and technical assessments
- installations, which can be completed in phases and out of hours to minimise disruption
- super-user training for users and management

For more info on our professional services or to request pricing for the E series, please get in touch with our sales team, who will be happy to help. Our contact details are below.

## Recommended for

- ePMA carts / WOWs
- General medicine cupboards
- Controlled drugs cabinets
- Medication room storage doors
- High value storage cabinets
- Bedside cabinets
- Key cabinets
- Refrigerators

## Features

Save money, improve security and release more time to care with the E series. Developed in collaboration with the NHS, this innovative security solution means clinicians no longer need to ask “who’s got the keys?” Utilising wireless security, the E series keeps medication and supplies safely locked away, whilst providing instant access to authorised staff as needed.

- ✓ Utilises RFID security technology to provide access to authorised staff
- ✓ Provides automated traceability with accurate business intelligence reporting
- ✓ Real-time information display to assist with paperwork details
- ✓ Audible alert for doors that have been left open to reduce the risk of unauthorised access
- ✓ Can be used on computer carts (WOWs), static medicine/ storage cabinets or a key safe
- ✓ Can be retrofitted to existing cabinets (vertically or horizontally) to provide maximum value at minimal cost
- ✓ Email notifications provide timely, important alerts for administrators

## Benefits

- Secure storage at minimal expense
- Requires minimal user training with a fast adoption rate
- RFID security provides instant access to authorised staff only, whilst also providing traceability for access reports
- Reduces locksmith call-out costs to fix broken key locks
- Improves compliance for the safe storage of medicines
- Software based access control offers in-house system, user management and reporting capabilities
- Highly flexible, no fuss capability to quickly manage medication access for temporary agency/bank staff
- Proven to save time and money!

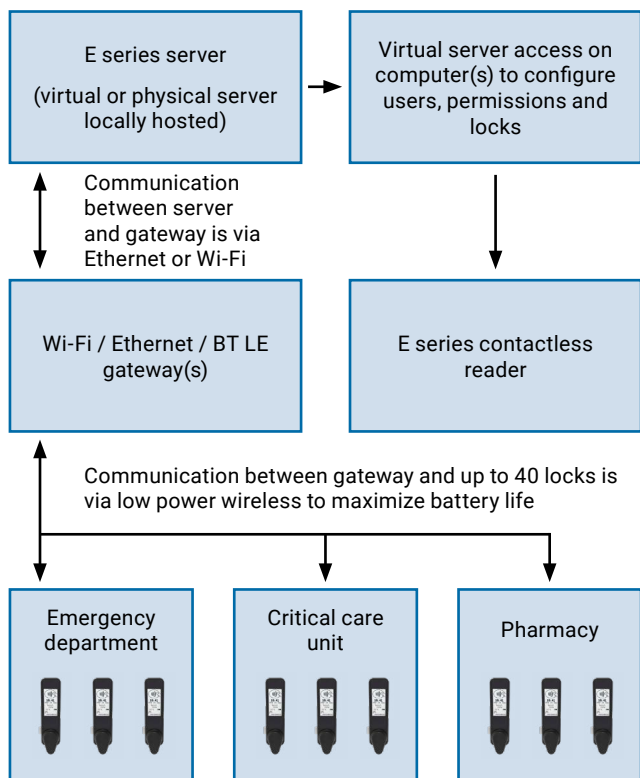
## Areas of use

- Emergency departments
- Minor injuries units
- ITU/CCU/HDU
- Anaesthetic rooms and operating theatres
- Wards
- Maternity
- Children’s wards
- Chemo/oncology units
- Hospices

# E series

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### Topology schematic



### Hardware



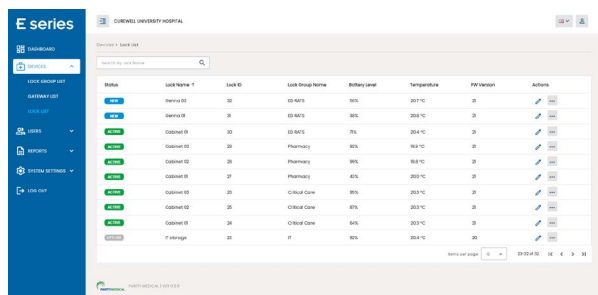
### Lock specifications

|                               |  |
|-------------------------------|--|
| Power                         | 3x AA 1.5v batteries (included)  |
| Battery life expectancy       | Minimum 30,000 cycles or 1 year (with normal operation)                          |
| Low battery detection         | Local via E paper display & remote in software with email notification           |
| Battery fail override         | USB C cable with USB power bank  |
| Sensors                       | Door alarm with beeper & LED, int & ext temperature, local & remote via software |
| RFID technology               | ISO/IEC 14443-A communication, NFC Forum Type 4 Tag                              |
| RFID read range               | Contactless up to 35mm   |
| Display                       | 2.13" E paper battery level, time, date, text label                              |
| Temperature range             | 0 to +50°C. Indoor use   |
| Radio standard                | IEEE 802.15.4 (2.4GHz) BLE. Encrypted AES 128 bits                               |
| Lock housing (outside door)   | L 142mm (5.6") x W 40mm (1.6") x D 28mm (1.1")                                   |
| Battery housing (inside door) | L 128mm (5") x W 35mm (1.4") x D 38mm (1.5")                                     |
| Door thickness & materials    | 1 to 23mm (.05" to .9") wood, metal, plastic                                     |
| Material & finish             | Die cast zinc with chrome and GF Nylon with Anti-Bac                             |

### Gateway specifications

|                           |  |
|---------------------------|--|
| Radio Standard            | IEEE 802.15.4 (2.4GHz) BLE. Encrypted AES 128 bits                       |
| Power-over-Ethernet (PoE) | 802.3af/at or Micro-USB AC adapter 100-240V (50-60Hz), 0.6A              |
| Uplink                    | Wi-Fi 2.4 GHz and 5GHz ISM band or 10/100 BASE-T Ethernet (RJ-45) uplink |
| Dimensions & weight       | L 164mm (6.5") x W 164mm (6.5") x D 62mm (2.4"). 410g (14oz)             |

### Virtual server



### Server requirements

- Server 2019/2022
- Intel Xeon E-2386G or newer
- 16GB RAM minimum (32GB RAM recommended)
- 500GB - 1TB storage
- 1GB ethernet
- Hyper-V / VMware compatible

Note: The software application requires its own SQL Server database engine instance. More information on the full technical specifications are available upon request.

