



SAFER MANAGEMENT OF CONTROLLED DRUGS

Challenges of Managing Controlled Drugs

01 Issues of diversion.

02 Orders were taking a long time to fulfil – bringing order books to pharmacy from across many floors in the hospital.

03 Lots of paper scanning of CD audit reports to send to matrons / associate director of nursing.

04 Not ideal moving CD books from Covid positive / red areas – especially from an IPC perspective.

05 No clear view of CD compliance hotspot areas showing poor or good compliance.





eCDR-Pro



Primary challenges

A number of NHS Trusts still use hand-written order books and registers to manage controlled drugs across complex environments containing many clinical areas and locations.



Ideal solution

eCDR-Pro is an electronic Controlled Drugs System that has been specifically co-designed with an NHS Trust to help Clinical Directors & Chief Pharmacists manage CDs more effectively across an acute setting.



Desired outcomes

eCDR-Pro's scalable design can support hundreds of CD storage cabinets and thousands of users, ensuring flexibility for future Integrated Care Systems. It also enhances security, CD governance, and reduces clinical errors to enhance patient care.



Our Goals

01

Visibility of CDs across the organisation

Ensure that controlled drugs are managed and recorded correctly in each clinical area and location.

02

Supply Chain Management

Reduces overheads in stock ordering through integration with ePMA lifecycle.

03

Integration with other clinical systems

Secure Microsoft Azure cloud solution and flexible to support needs of Integration Care Systems.



Transforming the Healthcare Journey

The safe custody and management of controlled drugs is essential to modern clinical care. Trusts must ensure that CDs are not subject to misuse, abuse or theft. They must comply with current UK legislation and regulations.



Boosts clinical productivity

eCDR-Pro boosts productivity by over 35,800 hours per year.



Improved health data insights

eCDR-Pro provides improved CD governance with accurate data and deeper insights of CD usage and anomaly detection.



Improved patient experiences

eCDR-Pro helps reduce the risk of clinical errors and increases time to care.



eCDR-Pro's Key Functionalities

Functional area	Boost clinician productivity Save time, reduce waste & effort	Improved health data insights Predictive, trends, improved care	Improved patient care Reduce risk of clinical errors, faster care
Ordering CDs from pharmacy	✓	✓	✓
Receiving stock into wards	✓		
Performing stock checks	✓	✓	✓
Managing the CD formulary	✓	✓	✓
Illicit substance management		✓	
CD disposal		✓	✓
Compliance / audits	✓	✓	
Discrepancy management	✓	✓	✓
Patients own CD management			✓



Solidsoft Reply, eCDR-Pro, and Microsoft Azure

Full audit trail from pharmacy to bedside



Legal compliance and adherence to standard operating procedures. Digital witnessing and requisition approval.

Improved patient safety



Integrated incident reporting provides insights into incident hot-spots for preventative action to be taken.

Reduced data entry errors



Clean UI workflows to support Standard Operating Procedure. Strong evidence of approval and witnessing.



Results So Far



Overnight orders are now ready when the pharmacy opens, **saving 10 to 15 minutes per location** with each order.



Receiving stock in wards now **takes seconds**, saving over 5 minutes spent recording entries in individual CD books.



Audits are now completed **within 5 minutes**.

Stock checking reduced from over 20 minutes to a **few minutes**.



Out-of-hours patient stock searches now **take minutes** instead of calling multiple locations, **saving over 15 minutes** per request.

The pharmacy and **CDAO** now have a **comprehensive view** of the entire trust and can **immediately act** on any anomalies.

