



eCDR-Pro

The better way to manage
controlled drugs.

SERVICE DEFINITION



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The Challenge

Managing controlled drugs (CD) is a highly regulated process, yet human error in recording transactions is common, especially in busy hospital settings.

Many NHS Trusts still use handwritten order books and registers to manage CDs across complex environments, including clinical areas. However, relying on paper registers often leads to issues such as inaccuracies, incomplete documentation, difficulty interpreting entries due to cross-outs, and delays in recording dose administrations.

Managing controlled drugs in health organizations within an acute setting, with numerous staff across various physical locations, can be particularly challenging.

Ensuring proper management and staff adherence to processes for handling controlled drugs is difficult. Despite extensive training and checks, errors can still occur. When paper order books are still used, transporting the books from the ward to the pharmacy and back can be time-consuming for both patients and staff.

Additionally, providing organisational evidence of correct governance of controlled drugs for assessment by independent regulators like the Care Quality Commission (CQC) often feels like a matter of chance.



eCDR^{PRO} CD Register



Traditional CD Register

Our Offering

eCDR-Pro is Solidsoft Reply's **electronic controlled drugs register** solution. This digital solution, co-designed explicitly with an NHS Trust for the NHS replaces paper-based registers, order books, disposal registers, compliance checks and reports that are still used today to comply with the UK's Controlled Drugs legislation.

Fundamentally, the system records every CD transaction digitally performed by staff in pharmacies, wards and theatres using a laptop and other connected devices.

It capably supports healthcare staff, including Clinical Directors and Chief Pharmacists to manage CDs safely, accurately and more effectively across acute and mental health settings.

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.

What can eCDR-Pro do for you?

- **Boost clinical productivity.**
- **Provide improved CD governance** with accurate data and deeper insights of CD usage and anomaly detection.
- **Help reduce the risk of clinical errors**, increasing time dedicated to patient care.
- **Improve clinician productivity and governance** while reducing the threat of medicine diversion.

eCDR-Pro has **over 30 workflows that have been co-designed** with Controlled Drugs Accountable Officers (CDAOs), Medicines Safety Officers (MSOs) and nursing staff to cater for the different permutations in managing Controlled Drugs effectively within a complex dynamic hospital setting.

The workflows can be tailored to manage the subtle differences in each healthcare organisation. These workflows have been designed to be **simple and unambiguous for everyday use by clinical staff** and controlled using a comprehensive permissions framework that is also customisable.

Features and Benefits



Comprehensive Reporting

Full audit trail from pharmacy to bedside. This reduces data entry errors and the systems clean UI workflows support Standard Operating Procedures.



Improved Patient Safety

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



Streamlined Operations

Provides more control when carrying out compliance audits and approved stock lists. This ensures improved visibility of stock holdings and checks.



Tailored Permissions

Nursing staff benefit from increased security with eCDR-Pro's role-based access. This eliminates the need for sample signatures and enables efficient CD event signing and witnessing.



Mitigates Risks

eCDR-Pro reduces the risk of diversion and saves time on investigating discrepancies and incidents, providing a more secure and streamlined approach to CD management.



Leverages Microsoft Technology

Delivered via Microsoft Azure Cloud, eCDR-Pro is built on the latest and cutting-edge Microsoft Cloud technologies, including Azure Front Door and App Services.



Compliance

Facilitates adherence to the UK's CD legislation and provides easier access to information to support Care Quality Commission (CQC) audits.



Empowers Safety Measures

Medicines Safety Officers and clinical staff can bolster adherence to standard operating procedures. This ensures that optimal safety standards are maintained.



Security and Accountability

Offers Controlled Drugs Accountable Officers (CDAO) a legible, immutable and complete audit trail of CD activities across the entire Trust.

Huddersfield Royal Infirmary / Location / Ward 1

Friday, 16th Aug 2024
2:15 pm

BACK TO STOCK

Administer To Patient
Stock Management

Name	Unit Dose	Running Balance	Record Discrepancy
Buprenorphine 5micrograms/hour transdermal patches	patch	3	!

History Show Order History

CD Management						Administered to Patient						
Date	Time	Event	Quantity	Ref	Location	Patient	Quantities	Comments	Confirmed by	Witnessed by	Collected by	Balance
16/08/24	14:15	CD Discrepancy	-1 patch	XCU48W				XCU48W	cht-nsu@ecdrpro.co.uk	cht-nsu2@ecdrpro.co.uk		3 patch
16/08/24	14:14	CD Returned For Disposal	1 patch	OOOUHC				expired	cht-nsu@ecdrpro.co.uk	cht-ph@ecdrpro.co.uk		4 patch
16/08/24	14:13	CD Returned For Reuse	1 patch	HWYMW					cht-nsu@ecdrpro.co.uk	cht-ph@ecdrpro.co.uk		5 patch
16/08/24	14:12					Becky Smith	S 1 patch		cht-prac@ecdrpro.co.uk	cht-prac2@ecdrpro.co.uk		6 patch
16/08/24	14:12						A 1 patch		cht-prac@ecdrpro.co.uk	cht-prac2@ecdrpro.co.uk		
08/04/24	15:15					Amy Winehouse	S 1 patch		cht-prac@ecdrpro.co.uk	cht-prac2@ecdrpro.co.uk		7 patch
08/04/24	15:15						A 1 patch		cht-prac@ecdrpro.co.uk	cht-prac2@ecdrpro.co.uk		
29/04/24	09:36						D 1 patch	Patch came off in shower, disposed of in CD destruction kit	cht-prac@ecdrpro.co.uk	cht-prac2@ecdrpro.co.uk		



Calderdale Royal Hospital / Location / Pharmacy

Friday, 16th Aug 2024
1:55 pm

Ward Balances

* Medicine: Search

Location	Balance
1A - Calderdale Birthing Centre	13
ANGIO	2

Testimonials

eCDR-Pro Reviews

Don't just take our word on the eCDR-Pro solution, here's what our customers and healthcare publications say.



Nurse at CHFT

*"It's **so much easier** now to receive and record stock arriving on a ward as I don't have to find and record them individually in each register which **saves a lot of time.**"*

Health Tech World

*"An electronic controlled drugs register is the latest **first-of-type solution** at a health trust already **brimming with digital innovation.**"*

Ward 5 Manager at CHFT

*"Feedback so far has been **really positive.** [Nursing staff] have said specifically **ordering is much easier** as well and has saved a lot of confusion."*

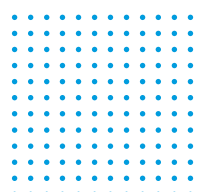
Katherine Cullen, Former Deputy Clinical Director of Pharmacy at CHFT

"I was rung last night by a ward wanting a buprenorphine 10 microgram patch, previously I would have had to hunt through our EPMA data and rung round wards to try to locate and disturb lots of RNs, who are already on minimal numbers at that time of night and, get them to check their CD cupboards.

***With eCDR-Pro** I could check and tell the ward that rang exactly where the stock was. **Saving at least 15 mins** of my time plus the RNs time."*

The Health Informatics Service (THIS)

*"This scalable solution has had a **HUGE impact** on the clinical and pharmacy teams throughout the trust... Importantly, this system is one which can be **easily adopted across trusts, to transform** the way we manage medicines."*



Pricing

Our flexible purchase licenses support all ranges and requirements of our UK customers.

We base our pricing on the number of sites, dispensaries and number of controlled drugs cabinets located across the healthcare organisation.

We include a level of on-site, hybrid or remote training for staff in the use of eCDR-Pro as well as user guides, training videos and quick reference guides to help staff complete the most important tasks, keeping patients safe.

The solution is **DCB0129 compliant** and has **passed the Data Security Protection Toolkit assessment**.



To the core offering we can also provide additional services such as:

- **Integration:**
 - **EPMA integration** – for orders, dispense events, etc.
 - **PAS / EPR integration** – for patient record, demographics allergen, and infection statuses at the point of CD administration.
 - **Imprivata Swipe Card (Access)** Clinical Workflow integration.
 - **EPS integration** – for prescription management.
 - **Roster integration** – validate when users are accessing and signing CD events.
 - **CD Cabinet / Lockbox integration.**
- **Artificial Intelligence** – Analyses and reflects on recorded events.
- **Intelligent Reporting** – Dashboards and alerting features to manage events.
- **Handheld / Mobile device CD scanning.**

For more information, email: solidsoft@reply.com or scan the QR code below to read our Microsoft Marketplace Offer.



About Solidsoft Reply

Who We Are

Solidsoft Reply is more than just a Technology partner for Microsoft AI Cloud Solutions.

We are a team of innovators, applying our solutions and services to effect meaningful change across various sectors including retail, government, humanitarian efforts, and the pharmaceutical & healthcare industries.

What We Do

We develop, deploy, and operationally manage software solutions with Microsoft Azure Technology.

Specifically, we are recognised as a leading global provider of medicines verification & traceability systems.

These solutions deliver vital services to millions of citizens across Europe, Africa, and Asia.

Our Mission

We focus on building and managing critical solutions, applications and services for our customers that scale to accommodate national, pan-national, and international demands.



Company Profile

30+ Years

We have been in business since 1993 and was an early adopter of Azure Cloud and its first-ever Global winner.

20+ Countries

We are currently operating our solutions across Europe, Africa & Asia.

8 Microsoft Global Awards

We are multi-award winners of Global and UK Microsoft Awards.



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