

TITAN XT CONTROLLED SUBSTANCE MANAGERⁱ

A Cloud-Ready Controlled Substance Management System

We believe the strongest diversion management programs in health systems share a common aspiration — end-to-end chain of custody under a unified platform. As health systems modernize their medication management infrastructure, and diversion prevention programs demand greater traceability and accountability¹, we believe the central pharmacy vault plays a critical role in building a highly secure, high-functioning medication management ecosystem. Titan XT Controlled Substance Manager (CSM) is built to deliver exactly that — a unified, cloud-ready platform engineered to encapsulate the chain of custody from wholesaler receipt to patient administration, while positioning your diversion prevention program for the cloud-based analytics capabilities of tomorrow.

Secure Chain of Custodyⁱⁱ

Titan XT CSM is designed to electronically track every controlled substance from the moment it enters your pharmacy through every pick, restock, return, waste, and disposal — connecting the central pharmacy vault to every point of care on a single shared platform. Every transaction is timestamped, user-identified, and reason-coded. Every medication move in the platform is recorded.

- Closed-loop tracking from wholesaler receipt through every key point of care area and back to the pharmacy
- Biometric authentication at the vault is intended to reduce unauthorized access risk
- Shared database with Omnicell Automated Dispensing Cabinets — creating one consistent audit trail across every transaction, from vault to bedside
- Designed to eliminate data accuracy gaps and billing errors that result from disconnected systems



Regulatory Readiness

Diversion doesn't wait for end-of-shift reports — and regulators don't either. With DEA enforcement actions against hospitals and health systems continuing to mount², the pressure to demonstrate a complete, auditable chain of custody continues to increase. Titan XT CSM is designed to deliver transaction-level traceability to meet regulatory demands.

- Automatic exception flags when restocked quantities don't match expected order quantities
- Centralized transaction data for easier audit trail and reconciliation
- Increased data points to assist in meeting DEA, Joint Commission, The Institute for Safe Medication Practices (ISMP), and State Board of Pharmacy guidelines
- Meant to reduce redundant database management and the need for costly interfaces

A Defined Path to What's Next

The diversion analytics capabilities we expect health systems will need tomorrow — real-time visibility, automated reconciliation, enterprise-wide oversight — require a cloud-connected infrastructure today. Titan XT CSM is built on a platform with a defined, supported path to the cloud, so the investment you make today doesn't have to be rebuilt tomorrow.

- Early adopters receive a supported migration path to cloud-based controlled substance management
- No rip and replace — Titan XT CSM hardware is built to carry forward into the cloud program
- A cloud platform designed to deliver real-time exception dashboards, digital chain of custody, and integration with third-party diversion management toolsⁱ
- HITRUST-certified cloud infrastructure intended to remove the burden of server management and reduce IT risk

1. Cobaugh DJ, Maroyka E. The 2022 ASHP Guidelines on Preventing Diversion of Controlled Substances: An updated roadmap for practice. Am J Health-Syst Pharm. 2022;79(24):2191–2192.

2. Fortier CR. National Hospital and Health-System Controlled Substances Drug Diversion Prevention & Surveillance Program Assessment Survey — 2021. Am J Health-Syst Pharm. 2024;81:137–145

i. Titan CSM is currently under development and not yet generally available to Omnicell customers. Omnicell makes no commitment with regard to such potential future development, features or availability, and it remains subject to change at Omnicell's discretion.

ii. This brochure may discuss the potential benefits or expected outcomes of Titan CSM. This discussion does not imply, and Omnicell does not guarantee, that any specific impact or improvement will be achieved. The brochure may also reflect results or outcomes based on Omnicell's experiences or its internal data or analysis. Customer outcomes are dependent upon many different factors and individual results may vary. Additional detail is available upon request.

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