

CIPS

INSTITUTIONAL PHARMACY MANAGEMENT SOFTWARE



Streamline high-volume pharmacy operations with a system built for accountability, accuracy, and compliance across institutional healthcare environments.

Pharmacy Built for Institutional Healthcare

Institutional healthcare environments operate under unique clinical and operational pressures. Pharmacy teams must manage medication workflows across multiple facilities while balancing patient safety, regulatory compliance, operational efficiency, and security requirements.

CIPS was designed specifically for correctional healthcare, inpatient behavioral health, state psychiatric hospitals, detention facilities, and other institutional care environments where pharmacy operations require precision, accountability, and scalability.

Unlike traditional retail or community pharmacy systems, CIPS supports the realities of institutional care delivery through integrated medication management, inventory oversight, multi-site coordination, and operational reporting designed for complex care environments.

The Foundation of Institutional Pharmacy Operations

Pharmacy operations play a critical role in ensuring continuity of care across institutional healthcare systems. CIPS centralizes pharmacy workflows, medication management, inventory oversight, and reporting within a unified platform designed to support consistent operations at scale.

That platform supports interoperability with EHRs, dispensing cabinets, barcode systems, wholesalers, and third-party healthcare technologies, helping organizations maintain visibility across ordering, dispensing, administration, and reconciliation workflows.

Designed for operational flexibility and long-term scalability, CIPS enables organizations to modernize pharmacy operations while maintaining the control, auditability, and reliability required in high-oversight healthcare environments.

Addressing the challenges of institutional pharmacy operations

Institutional healthcare environments require pharmacy systems that can support high-volume dispensing, multi-site coordination, medication accountability, and complex clinical workflows without compromising operational efficiency or patient safety.

Many pharmacy systems were originally designed for retail or community-based workflows and later adapted for inpatient or institutional use. These systems often rely on disconnected modules, manual reconciliation, or limited interoperability, creating inefficiencies and increasing operational risk across facilities.

CIPS was purpose-built to support correctional healthcare, inpatient behavioral health, state hospitals, and other institutional care environments where pharmacy operations require greater visibility, control, and scalability.

By centralizing medication workflows, integrating clinical and operational processes, and embedding auditability into the platform, CIPS helps organizations improve medication management, streamline pharmacy operations, and maintain consistency across facilities.

CIPS aligns with the operational priorities of institutional healthcare organizations:

- Consistent medication workflows across facilities
- Improved visibility into dispensing and inventory activity
- Streamlined pharmacy and clinical coordination
- Secure handling of sensitive patient and medication data
- Flexibility to support evolving operational requirements

Reliable systems for pharmacy operations at scale

Institutional pharmacy operations function continuously across shifts, facilities, and care settings. Systems must support uninterrupted access to medication information, dispensing workflows, inventory oversight, and reporting to help organizations maintain safe and efficient operations.

CIPS is designed to support long-term reliability while remaining flexible enough to adapt to changing clinical, regulatory, and organizational needs.

As healthcare systems expand in size and complexity, CIPS provides a stable operational foundation that supports accountability, scalability, and continuity of care.

KEY BENEFITS

Purpose-Built Institutional Pharmacy Workflows

- Medication ordering and dispensing workflows designed for high-volume institutional environments
- Support for inpatient, correctional, behavioral health, and multi-site pharmacy operations
- Barcode-supported verification and configurable pharmacist review workflows
- Flexible medication scheduling, refill cycles, and formulary controls

Integrated Medication Safety & Clinical Oversight

- Real-time drug utilization review (DUR) and interaction screening
- Medication reconciliation and stop-order management
- Integrated Medi-Span® drug reference information
- Pharmacist intervention tracking and audit reporting

Enterprise Visibility & Reporting

- More than 200 out-of-the-box reports with customizable Report Writer functionality
- Real-time operational, inventory, utilization, and billing automation
- Audit trails and role-based permissions embedded throughout the platform
- SQL-compatible reporting support for advanced analytics and business intelligence tools

Interoperability & System Integration

- HL7, API, TCP socket, and file-based integration support
- Integration with EHRs, dispensing cabinets, wholesalers, and third-party healthcare systems
- Real-time order status visibility and medication workflow coordination
- Multi-facility patient and medication management support

Inventory, Billing, & Operational Control

- Real-time inventory management with configurable formulary controls
- Purchase order, EDI, billing, and reimbursement workflow support
- Batch billing and claims reconciliation functionality
- Detailed medication tracking, reporting, and inventory audit capabilities

Security & Auditability by Design

- Role-based access controls aligned to operational responsibilities
- Detailed audit trails for clinical, dispensing, and administrative activity
- Support for EPCS and two-factor authentication workflows
- Designed for secure, high-oversight public-sector healthcare environments

A unified platform designed for institutional pharmacy operations

Institutional pharmacy operations require systems that support multiple facilities, diverse workflows, and a wide range of clinical and operational users. Pharmacists, nurses, administrators and providers all interact with pharmacy systems differently, and each interaction must remain secure, efficient, and operationally aligned.

CIPS unifies dispensing, inventory management, medication verification, billing, reporting, and clinical coordination within a single platform designed for institutional healthcare environments.

Purpose-built workflows help organizations improve visibility, streamline operations, and reduce reliance on disconnected systems, manual reconciliation, and fragmented reporting processes.

Enabling visibility, coordination, & operational efficiency

By centralizing pharmacy workflows, CIPS helps organizations improve medication visibility, reduce operational bottlenecks, and support coordinated care delivery across facilities.

Medication ordering, dispensing, verification, inventory tracking, reconciliation, and reporting are integrated directly into the platform, helping reduce manual processes and improve operational consistency.

Clinical and operational teams gain timely access to medication information and reporting data, while leadership benefits from improved oversight across pharmacy operations, inventory activity, utilization trends, and compliance workflows.

This supports scalable, efficient, and accountable pharmacy operations without increasing system complexity.

Capabilities aligned to institutional pharmacy workflows

CIPS was designed around real-world institutional pharmacy operations, giving organizations the tools needed to manage medication workflows, inventory oversight, clinical review, reporting, and operational coordination within a unified platform.

Medication Management

Supports medication ordering, pharmacist verification, dispensing, refill processing, stop-order management, and barcode-supported workflows across inpatient and institutional care environments.

Inventory & Formulary Control

Provides real-time inventory visibility, configurable formularies, medication tracking, purchasing workflows, wholesaler integrations, and stock reconciliation capabilities.

Reporting & Operational Visibility

Delivers operational, utilization, billing, intervention, inventory, and compliance reporting through more than 200 out-of-the-box reports and customizable Report Writer functionality.

Billing & Claims Processing

Supports batch billing workflows, reimbursement reporting, claims reconciliation, insurance processing, and configurable pricing logic for institutional pharmacy operations.

Integration & Interoperability

Integrates with EHRs, dispensing cabinets, barcode systems, wholesalers, clearinghouses, and third-party healthcare technologies through HL7, APIs, TCP sockets, and file-based interfaces.

CIPS ACROSS THE SYSTEM



Pharmacy Teams

Manage medication ordering, dispensing, inventory oversight, verification workflows, intervention tracking, reporting, and refill management within a unified pharmacy platform.

Clinical, Operational, & Administrative Teams

Coordinate medication workflows, monitor inventory activity, review reporting and audit data, and maintain operational visibility across facilities.

Patients

Support continuity of care through coordinated medication management workflows across institutional healthcare settings.

One Platform

All pharmacy workflows captured within CIPS to support operational consistency, accountability, and enterprise-wide oversight.

CIPS CORE CAPABILITIES

Comprehensive Pharmacy Management

CIPS centralizes medication ordering, dispensing, verification, inventory management, billing, and reporting within a single platform designed for institutional healthcare environments.

Medication Safety & Clinical Oversight

Drug utilization review, medication reconciliation, pharmacist intervention tracking, and integrated clinical decision support help organizations improve medication safety and reduce risk.

Institutional Pharmacy Workflows

Core workflows support high-volume dispensing, formulary management, inventory control, refill processing, and operational oversight across complex care environments.

Enterprise Visibility & Interoperability

Integrated reporting, audit trails, and interoperability with EHRs, dispensing systems, wholesalers, and third-party technologies provide visibility across pharmacy operations.

Security, Compliance, & Auditability

Role-based access, detailed audit trails, and configurable controls support regulatory compliance, operational accountability, and secure medication management.

Advancing pharmacy operations at scale

Managing pharmacy operations across institutional healthcare environments requires more than functional completeness. Organizations need confidence that medication workflows remain reliable, visible, and accountable as operational demands increase.

CIPS connects medication ordering, dispensing, inventory management, clinical review, billing, and reporting within a single platform. This reduces the operational risk introduced by disconnected systems, manual reconciliation, and fragmented workflows.

Medication safety is a critical example of this approach. By combining pharmacist review, drug utilization screening, medication reconciliation, inventory controls, and audit tracking, CIPS helps organizations improve oversight while supporting safer and more efficient pharmacy operations.

Built to support long-term operational confidence

As institutional healthcare organizations evolve, pharmacy technology must support growth, regulatory change, and operational complexity without disrupting care delivery.

CIPS provides a stable foundation for long-term pharmacy operations, enabling organizations to modernize workflows while maintaining visibility, compliance, and operational control.

By centralizing pharmacy management within a purpose-built platform, CIPS allows healthcare leaders to focus on improving outcomes with confidence that their technology can support both current and future operational needs.

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About Fusion Health

Fusion Health develops healthcare technology designed for high-accountability care environments where operational reliability, medication safety, and clinical visibility are essential. CIPS is a purpose-built pharmacy management platform that supports medication operations across correctional healthcare, inpatient behavioral health, state hospitals, and other institutional care settings.

By connecting medication management, inventory oversight, clinical review, reporting, and operational workflows within a single platform, CIPS helps organizations improve efficiency, strengthen compliance, and support safer patient care at scale.

Learn more at fusionehr.com
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