

Corrections 360: Integrated Correctional Oversight for Rehabilitation, Safety, and Deterrence

Harnessing Data-Driven Insights for Inmate Transformation and Enhanced Facility Management

What We Know?

Diverse data sources, including Offender and Non-Offender Management Systems, provide comprehensive insight into each inmate's background, interactions, health, and daily activities. These include inmate place of birth data, location data, visitor logs, mail, supportive treatment and services data, and various operational and administrative systems.

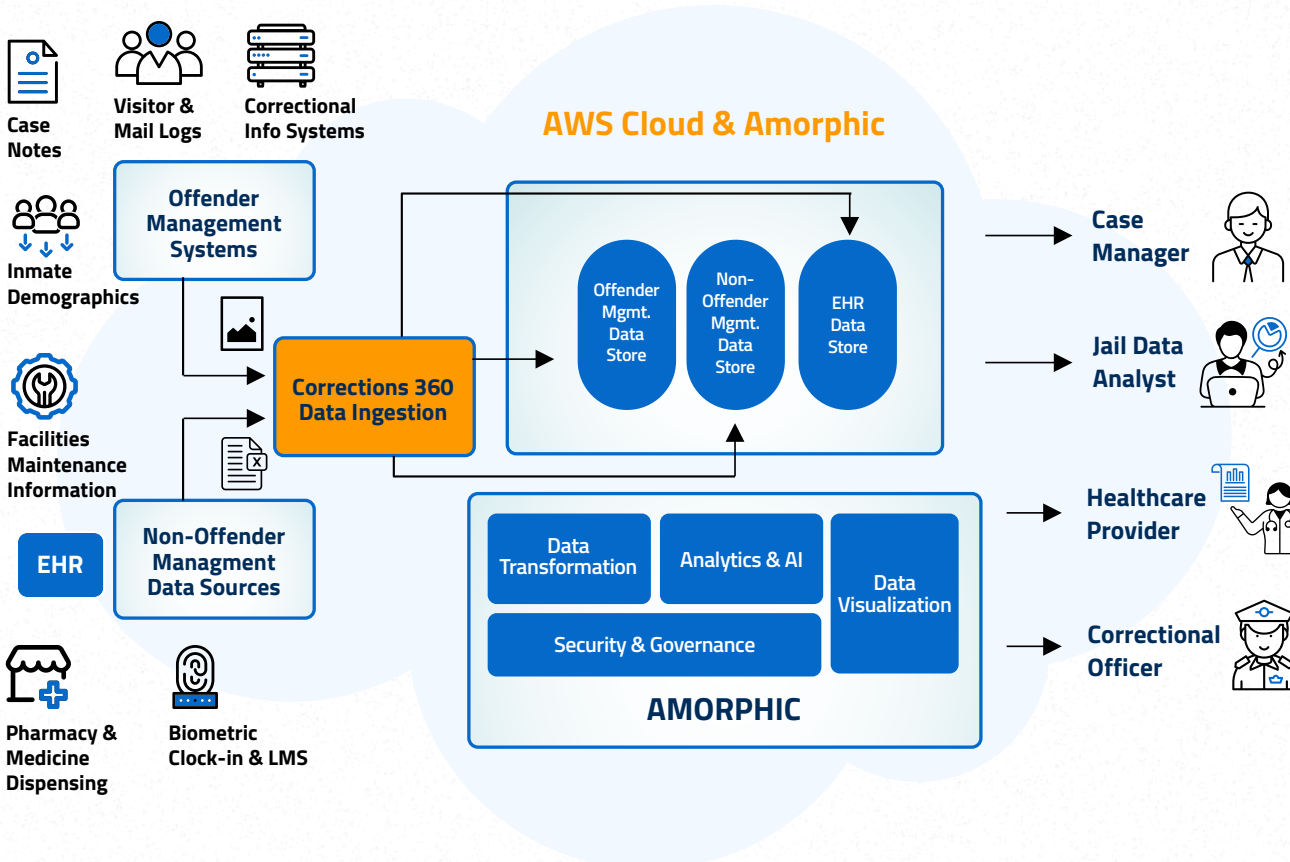
What We Face?

The challenge lies in integrating these rich and diverse data sources to craft a complete 360 view of inmates. The goal is to facilitate rehabilitation, deterrence, ensure fair retribution, and incapacitate when necessary, while maintaining a high standard of safety and security within the facility.

What Lies Ahead?

As we harness the digital era's potential, how can we refine correctional oversight through comprehensive integration of diverse data sources? The answer lies in **Corrections 360 Data & AI Solution**, bridging the gap between data collection and actionable insights for a new horizon in inmate management.

Corrections 360 Data & AI Solution



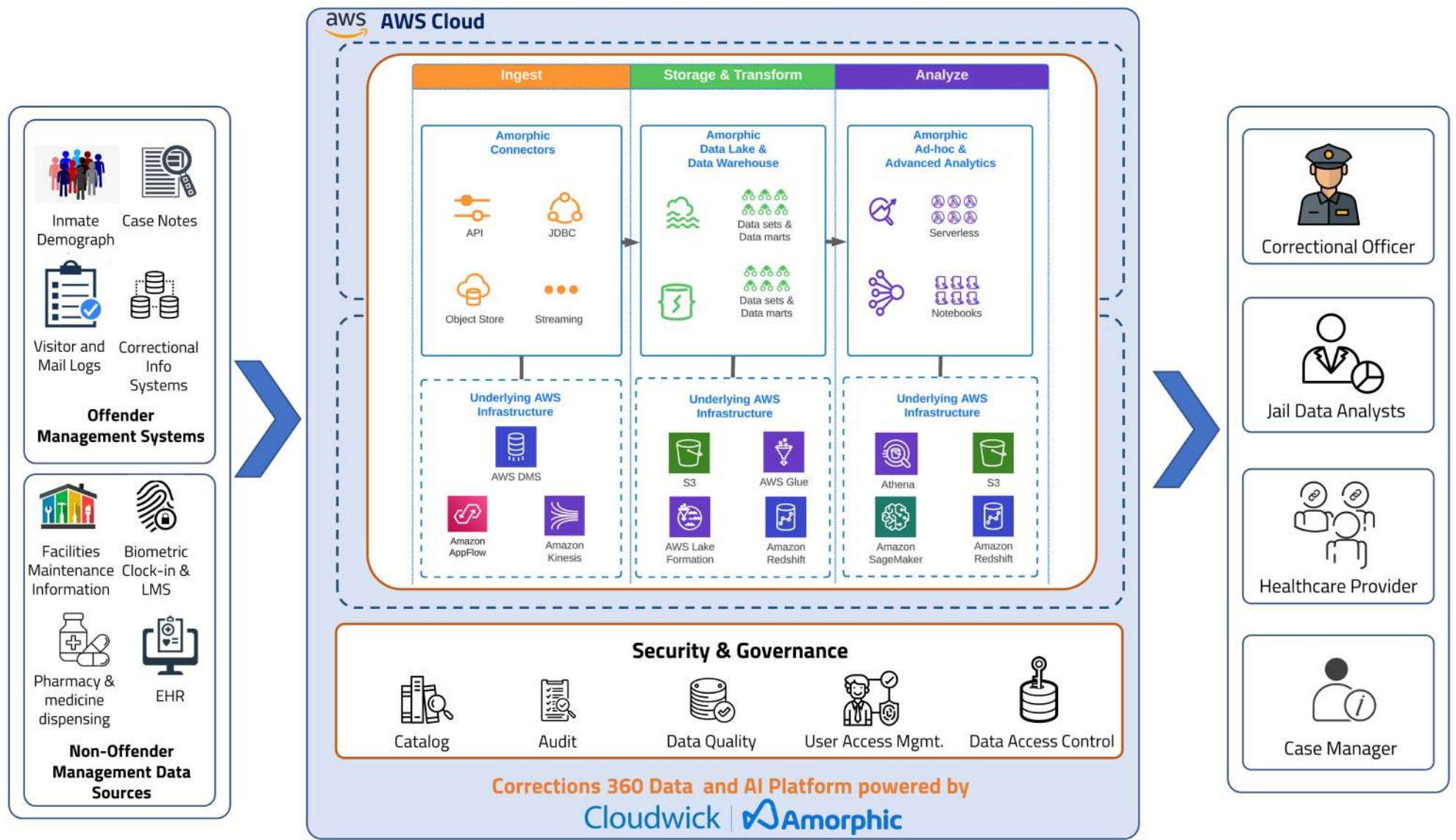
Solution Highlights

- **Unified Data Platform:** Integrates diverse datasets from Offender Management System, EHR, Security-Related Information, and Classification or Case Management Information, offering a comprehensive inmate profile.
- **Real-time Analytics:** Utilizes live data from Phone Calls, Camera Feeds, RFIDs, and Alerts, translating it into immediate behavioral and security insights.
- **Predictive Analytics:** Advanced AI tools analyze data patterns from Correctional Information Systems to identify potential security threats, offering proactive alerts.
- **Automated Health Monitoring:** Leverages EHR and Pharmacy Information to establish continuous health monitoring, instantly alerting for health deviations or medication lapses.
- **Document Management:** Efficiently manages varied documents, including Inmate Legal Status Determination Information and Judicial Rulings.
- **Communication Surveillance:** Scrutinizes both inmate and officer communications, using insights from Visitor Logs, Call recordings and Mail.
- **Safety and Protocol Enforcement:** Refines security protocols and inmate management through Workflow Management and Compliance Tracking insights.

Key Benefits

- **Security and Rehabilitation:** Prioritize inmate and staff safety with a focus on rehabilitative measures.
- **Health and Deterrence:** Use proactive healthcare to deter negative behaviors and ensure inmate well-being.
- **Operational Efficiency and Retribution:** Drive decisions using data, ensuring justice and efficiency.
- **Streamlined Communication and Responsiveness:** Implement zero-tolerance policies for swift responses and clear communication.
- **Continuous Improvement through Data:** Use data insights for constant facility improvements and best practice evolution.

Solution Architecture



Corrections 360 Use Cases

Behavioral Analysis for Rehabilitation: Utilizing integrated Phone Calls, Work, Education Data, and Supportive Treatment and Services Data, Corrections 360 identifies fluctuating behavioral patterns. **Result:** Tailored rehabilitation programs improve inmate behavior and equip them for post-incarceration life.

Recidivism Reduction & Targeted Rehabilitation: By analyzing Offender Management System Case Notes, Phone Calls, Work Data, and Classification or Case Management Information, Corrections 360 predicts potential repeat offenders. **Result:** Identified inmates receive focused rehabilitation, substantially reducing chances of re-offending.

Reporting & Audit: Through RFID, Camera Feeds, and Analysis of Visitor Logs, Corrections 360 highlights high-activity zones during 'low-activity' periods. **Result:** Increased contraband confiscation and refined monitoring strategies in highlighted areas.

Proactive Health Care through Data: Integrating EHR data and Pharmacy Information, Corrections 360 offers real-time health alerts for inmates with chronic conditions. **Result:** Immediate medical intervention when abnormal symptoms or missed medications are detected.

How do we engage?

At Cloudwick, we take a top down approach to start with identification of current business initiatives that require analytical capabilities with their desired operational/business outcomes. Further, a mapping of key data and analytics use cases that align with the initiatives are shortlisted. A brief flow of engagement is shown below with outcomes at every stage.



Assessment/Workshop

Prioritised list of use-cases



Production

Implementing use cases at scale



Managed Operations

Ongoing operational support for use-cases in production