Urbanise Technology

DIGITAL HEALTH INFORMATION MANAGEMENT SYSTEM (HIMS)

Empowering Organisations with Smart, Scalable, and Secure Technologies.

TABLE OF CONTENTS

DISCLAIMER

The information shared in this presentation regarding theDigital Health Information Management System (HIMS) is for informational purposes only. The content provided reflects the current capabilities, features, and potential benefits of the Digital Health Information Management System (HIMS) as of the time of the presentation. While every effort has been made to ensure the accuracy, reliability, and relevance of the information, no guarantees are made regarding the completeness or timeliness of the data presented.

This presentation is not intended to be a comprehensive guide or definitive recommendation regarding the Digital Health iInformation Management System (HIMS). The views expressed herein are based on the present functionality and scope of the solution, which may evolve or change over time as it undergoes further development or updates. As such, features, capabilities, and pricing may be subject to revision.

The solution discussed is designed to address certain use cases within healthcare service delivery and management, but its applicability to specific organizations or industries should be assessed independently. The effectiveness of the solution will depend on the specific needs, technological environment, and compliance requirements of each organization.
Urbanise and any associated parties make no representations or warranties regarding the future performance or suitability of the Digital Health information Management System (HIMS) for any specific organization or industry. The information provided does not constitute legal, business, or professional advice, and attendees are encouraged to consult with experts in their respective fields before making any decisions based on the content presented.

Neither Urbanise nor any associated companies will be liable for any direct, indirect, or consequential damages resulting from the use or reliance on the information presented during this session. The implementation and integration of Digital Health INFORMATION Management System (HIMS) should be done in consultation with qualified professionals to ensure compatibility, security, and compliance with applicable regulations.

By attending this presentation, you acknowledge that the information presented is subject to change and that Providence Software Solutions is not responsible for any errors, omissions, or misinterpretations in the content. It is recommended that organizations conduct a thorough evaluation of any Digital Health INFORMATION Management System (HIMS) before implementation.

Who Are We

Urbanise Technology, a proudly Level 1 BEE accredited IT company, is committed to delivering innovative, cutting-edge technology solutions that empower businesses and organizations to thrive in a digital world. Our mission is to transform urban environments through smart, scalable, and sustainable technologies, offering turnkey IT solutions tailored to the needs of organizations of all sizes from small businesses to government and enterprise clients. We provide comprehensive, end-to-end services spanning the full IT spectrum, from foundational infrastructure and hardware procurement to advanced capabilities in cloud computing, cybersecurity, and data analytics.

With a strong focus on simplifying and optimizing the IT landscape, we ensure our clients benefit from reliable, scalable, and customized solutions that align with their unique objectives. Backed by deep industry expertise and strategic partnerships with leading technology brands, Urbanise Technology stands as a trusted one-stop provider dedicated to delivering advanced, dependable, and future-ready solutions.

Overview:

Urbanise Technology's web-based Digital Health Information Management System (HIMS) is designed to protect, manage, and optimise healthcare records while enabling seamless service delivery through advanced AI and secure cloud technologies.

Its primary goal is to create and maintain a complete digital health profile that enhances the continuity, efficiency, and quality of integrated healthcare services.

- Single unified platform connecting hospital, clinic, and medical depot operations.

- Instant access to real-time data and analytics for smarter decision-making.

- Effortless integration with ERP solutions, laboratories, national health systems, and civil databases.

- Fully digital patient histories accessible securely from any location, at any time.

- Flexible, modular, and interoperable architecture built for long-term scalability and security.

Our Core Values

Innovation - We continuously explore new technologies and methodologies to deliver the most effective solutions.

Integrity - We uphold the highest standards of professionalism, ensuring transparency and ethical practices in all our engagements.

Customer-Centric Approach - Our clients' success is our top priority. We tailor our services to meet their unique needs and challenges.

Excellence - We strive for excellence in every project, providing top-tier service and outcomes.

Collaboration - We believe in strong partnerships, working closely with our clients, employees, and technology partners to achieve success.

Hospital Management Systems (HMS)

A fully integrated digital platform to streamline all aspects of hospital administration and clinical operations.

Key Features:

End-to-end patient journey management: registration, triage, electronic medical records, billing, and discharge.

Pharmacy, laboratory, radiology, and bed allocation modules.

Live business intelligence dashboards for operational insights.

Cloud-first infrastructure designed for secure collaboration and data sharing.

Clinic Management System (CMS)

A purpose-built solution for public, occupational health, and community clinics, enabling efficient, patient centred care.

Key Features:

Digital appointment booking with reminders and patient record management.

Mobile-enabled access for outreach and rural clinics, with ofline functionality.

Automated forms and referral workflows to speed up care delivery.

Secure identity and access controls to protect sensitive data.

Built-in service tracking and cost centre reporting tools aligned with governance standards.

Comprehensive audit trails to support compliance and accountability.

Medical Depot & Warehouse Management

A robust inventory and logistics solution designed to keep medical supplies secure, compliant, and efficiently managed.

Key Features:

Complete batch tracking with expiry date alerts and cold chain temperature monitoring.

Automated stock replenishment and simplified order management processes.

Integration with ERP and procurement platforms for streamlined operations.

Asset and inventory tracking tools designed for public sector and healthcare compliance requirements.

Detailed, audit-ready reporting for full transparency.

Adherence to SAPC, ISO 22301, and PoPIA standards to ensure regulatory compliance and data security accountability.

Urbanise Hospital Management Solution

AI Intergration

Key Features:

Electronic Medical Records (EMR):
Real-time, structured, and fully integrated with the patient journey.

Clinical Workflows:
Streamlined management of admission, diagnosis, treatment, discharge, and follow-up.

Smart Device Integration:
Connects vitals, ECG, thermal cameras, and wearable monitoring devices for continuous patient insights.

Telemedicine:
Enables remote consultations, diagnostics, and treatment for improved patient accessibility.

Diagnostic Support:
Facilitates ICD-10 coding, lab integration, and risk scoring for accurate and efficient diagnostics.

AI-Powered Enhancements

Predictive Analytics:
AI models forecast patient deterioration risks based on vital signs and medical history.

Clinical Decision Support:
AI suggests diagnoses and treatment plans using historical data and best practices.

Natural Language Processing (NLP):
Converts clinician notes into structured EMR data for easy access and analysis.

Anomaly Detection:
AI identifies abnormal lab results or deviations in treatment in real time.

Security & Compliance

Single Sign-On & Role-Based Access:
AI monitors access patterns to detect unauthorized activity.

Biometric Authentication:
AI-enhanced facial and fingerprint recognition for secure access.

Audit Trails:
AI-assisted log analysis ensures compliance and flags anomalies.
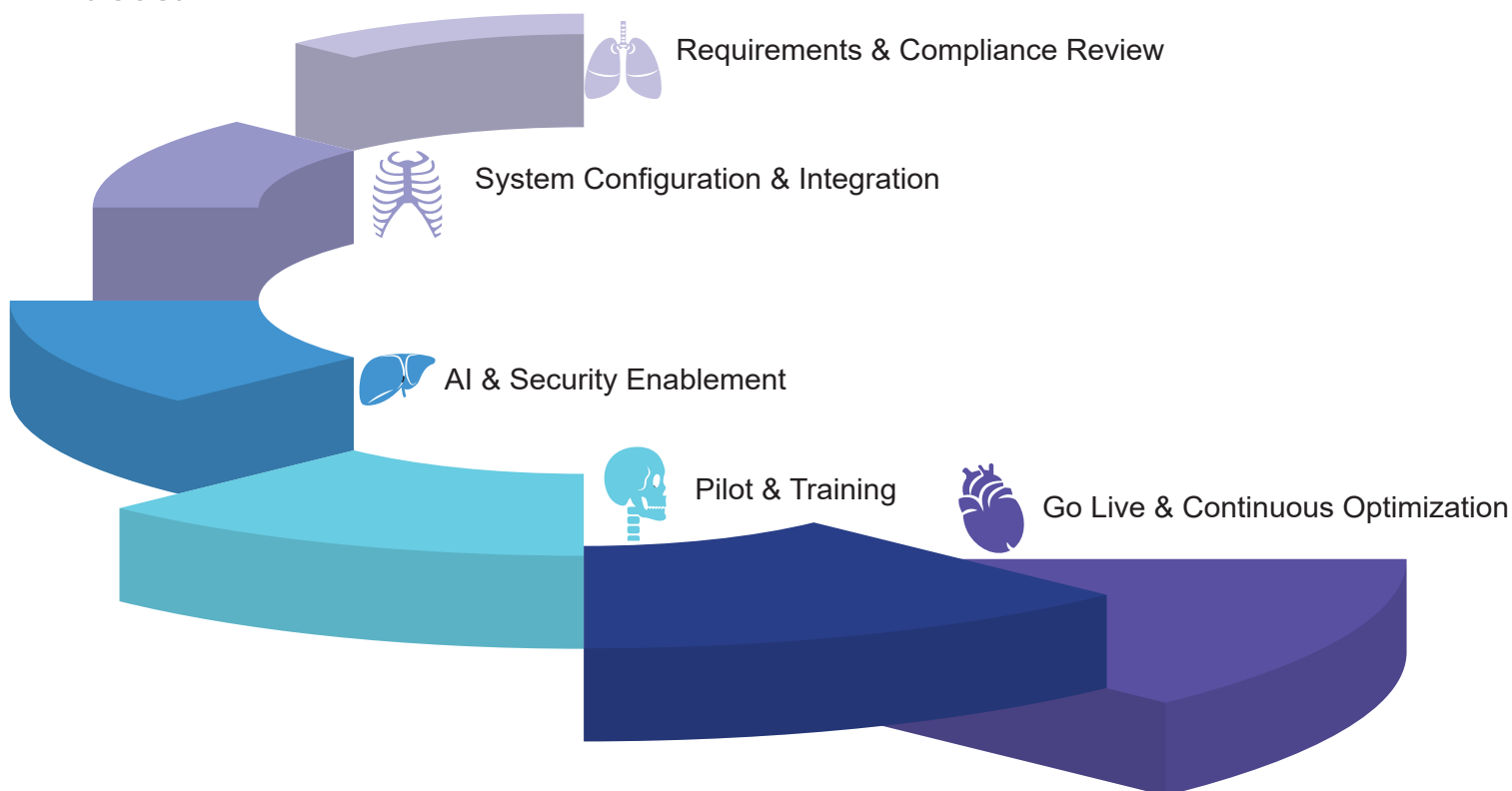
Our Track Record & Industries Served

Urbanise Technology has worked with clients in corporate, government, municipal, and SME sectors. Our solutions have helped organisations achieve cost savings, enhanced security, and improved customer engagement.

Project Plan

The rollout of the HIMS would typically follow a phased approach:

Phases:

Requirements & Compliance Review

System Configuration & Integration

AI & Security Enablement

Pilot & Training

Go Live & Continuous Optimization

COMPLIANCE

Urbanise Technology ensures the Digital Health Information Management System (HIMS) adheres to strict healthcare and governance regulations, with a focus on data protection, operational integrity, and regulatory alignment.

Regulatory Standards

ISO 9001 – Quality Management Systems

ISO 27001 – Information Security Management

PoPIA – Protection of Personal Information Act (South Africa)

SAPC – South African Pharmacy Council standards

ISO 22301 – Business Continuity Management

mSCOA – Municipal Standard Chart of Accounts compliance

Security & Governance

Secure audit trails for traceability

Role-based access control aligned with operational and financial responsibilities

Biometric authentication (facial and fingerprint recognition)

Microsoft Purview Information Protection for classification, encryption, and policy enforcement

Comprehensive protection of data in rest, in use, and in motion

Conclusion

Urbanise delivers a fully integrated, AI-powered platform that transforms hospital and municipal operations. By unifying clinical workflows, patient management, financial systems, and compliance frameworks, it enhances efficiency, accuracy, and service delivery.

With built-in security, mSCOA alignment, and advanced analytics, Urbanise empowers organisations to make informed decisions, improve patient outcomes, and maintain the highest standards of governance and data protection.

CONTACT US.

Lets Start Your Transformation Today

Address:
114 Katherine & West
Sandton, 2196
Johannesburg, South Africa

Email:
info@urbanise.tech

Contact:
+27 10 072 0100

UURBANISE