

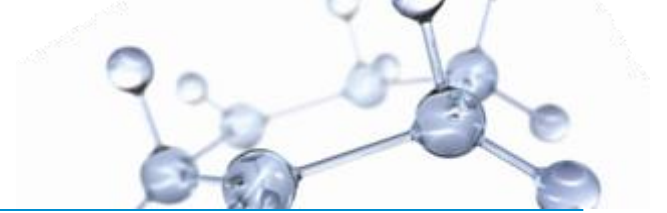


HealthCare Operations System (HCOS)

Healthcare Management ·
Clinical Operations · Patient
Care · Digital Transformation

Azure Marketplace — Solution Overview

Table of Contents



01 [About Veritas Engineering](#)

02 [Healthcare Challenges We Address](#)

03 [Our Values](#)

04 [Healthcare Operations System Overview](#)

05 [Solution Modules](#)

06 [Key Benefits](#)

07 [AI-Powered Healthcare Innovation](#)

08 [Security, Governance & Compliance](#)

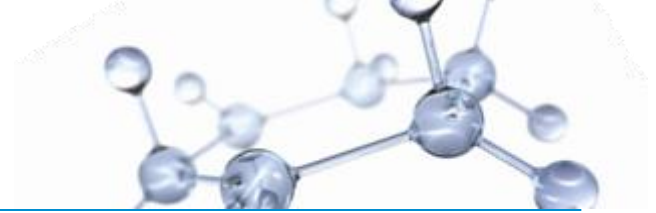
09 [Technical Architecture](#)

10 [Delivery & Implementation Approach](#)

11 [Getting Started](#)

12 [Contact us](#)

DISCLAIMER



- The information contained in this presentation regarding the Veritas Engineering Healthcare Operations System is provided for informational purposes only. The content reflects the current capabilities, features, and intended benefits of the platform as understood at the time of preparation. While every effort has been made to ensure accuracy and relevance, no guarantees are made regarding the completeness or timeliness of the information presented.
- This presentation does not constitute legal, financial, or professional advice. The applicability of the platform to any specific organization, industry, or regulatory environment should be assessed independently. The effectiveness of the solution will depend on the specific operational needs, existing infrastructure, and compliance requirements of each organization.
- Veritas Engineering and any associated parties make no representations or warranties regarding the future performance or suitability of the platform for any particular use case. Features, capabilities, pricing, and implementation timelines are subject to change without notice as the solution evolves.
- Neither Veritas Engineering nor any of its affiliates, directors, employees, or partners shall be liable for any direct, indirect, incidental, or consequential damages arising from the use of or reliance on the information presented herein.
- The implementation and integration of any healthcare operations system should be undertaken in consultation with qualified professionals to ensure compatibility, security, and compliance with all applicable regulations, including but not limited to POPIA, PAIA, and the South African Archives Act 43 of 1996.
- By viewing or using this presentation, you acknowledge that the information is subject to change and that Veritas Engineering bears no responsibility for any errors, omissions, or misinterpretations in the content.

About Veritas Engineering



- Veritas Engineering is the technology and digital services arm of Veritas Engineering & Project Management Consultants; a proudly South African, 100% black-owned engineering firm founded by registered Professional Engineer Glenvin Latchmanan (Pr.Eng, MBA, MAPM).
- Leveraging more than 19 years of engineering, technology, and project delivery experience, Veritas Engineering provides innovative digital solutions that help organisations modernise operations, improve efficiency, and accelerate digital transformation.
- Our expertise spans cloud technologies, enterprise platforms, information management, business process automation, data analytics, cybersecurity, and industry-specific digital solutions. Through strategic partnerships and a customer-focused approach, we deliver scalable, secure, and future-ready platforms that address real-world operational challenges.

19+

Years' experience

Level 1

B-BBEE contributor

ISO 9001

Certified QMS

5 Offices

Nationally

National Presence

- ◆ Gauteng: 114 West Street, Sandton
- ◆ Western Cape: Cape Town
- ◆ KwaZulu-Natal: Durban
- ◆ Mpumalanga: Nelspruit
- ◆ Limpopo: Polokwane

Healthcare Challenges We Address



Healthcare organisations continue to face operational, clinical, and administrative inefficiencies that impact service delivery and patient outcomes. HealthCare Operations System is designed to solve these challenges:

Fragmented patient records across paper-based and digital systems leading to incomplete clinical visibility

Slow and inefficient patient registration, appointment scheduling, and care coordination processes

Lack of real-time operational visibility across hospitals and clinics

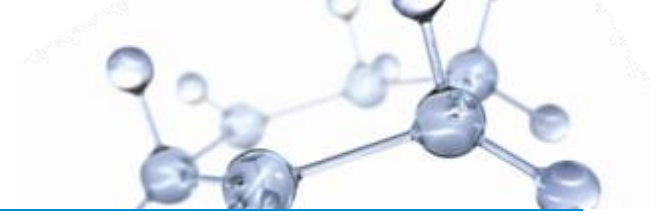
Ineffective communication between departments such as pharmacy, laboratory, radiology, and admissions

Limited access to patient data in remote or low-connectivity environments

Compliance risks due to insufficient audit trails and fragmented data governance

Manual reporting processes that delay decision-making and reduce operational efficiency

OUR VALUES



Always looking out for our Client's best interest

Our entire business is based on this philosophy. We strive to optimize projects to the benefit of the Client's business.

Always Safe

Health and Safety is at the centre of our business and we are committed to the highest standards. We respect all stakeholders on our projects including the communities in which we work.

Uncompromising Integrity

Integrity, Honesty, Truth, Trust and Reliability is part of the core values of our company. We respect local practices and customs in the communities that we operate in. We are strongly against any form of corruption.

Independent

To ensure that we are always offering our Clients the best value and optimum solutions. VERITAS Engineering is independent of any technology supplier or engineering contractors.

Healthcare Operations Systems Overview



HEALTHCARE OPERATIONS SYSTEM (HCOS) BY VERITAS ENGINEERING IS A FULLY INTEGRATED, CLOUD-BASED HEALTHCARE PLATFORM DESIGNED TO STREAMLINE HOSPITAL AND CLINIC OPERATIONS THROUGH A UNIFIED DIGITAL ECOSYSTEM.



THE PLATFORM ENABLES HEALTHCARE PROVIDERS TO MANAGE THE ENTIRE PATIENT JOURNEY; FROM REGISTRATION AND CONSULTATION TO TREATMENT, BILLING, AND DISCHARGE, ALL WITHIN A SINGLE SECURE SYSTEM. HCOS CONNECTS CLINICAL, ADMINISTRATIVE, AND OPERATIONAL WORKFLOWS TO ENSURE SEAMLESS COORDINATION ACROSS HEALTHCARE ENVIRONMENTS.

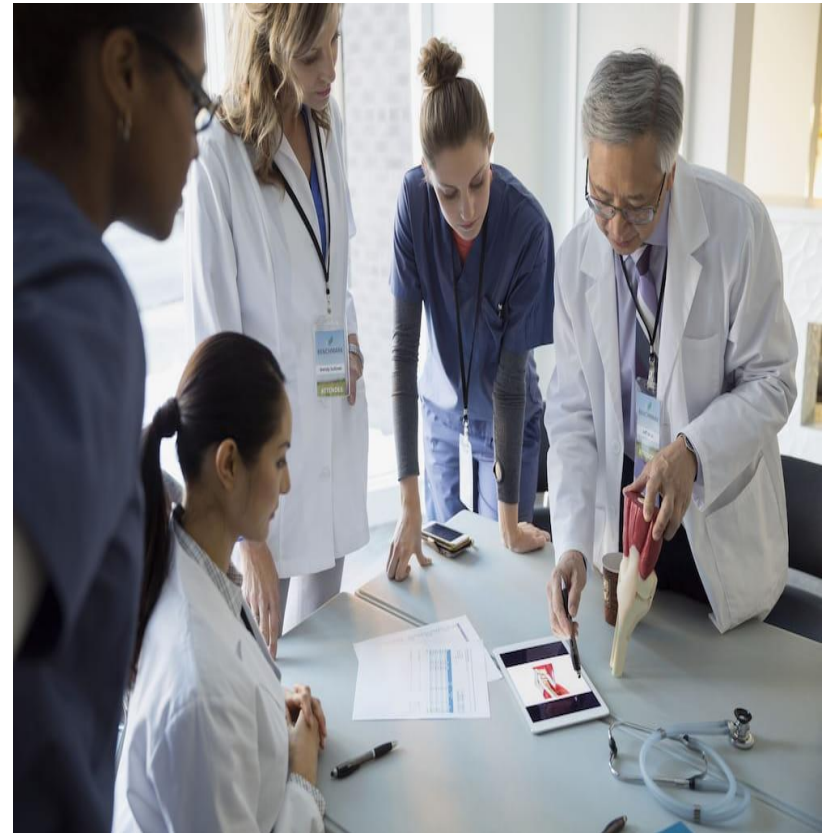


BUILT ON A MODERN CLOUD-FIRST ARCHITECTURE, THE SYSTEM SUPPORTS SCALABILITY, INTEROPERABILITY, AND SECURE DATA SHARING ACROSS HOSPITALS, CLINICS, AND HEALTHCARE NETWORKS. IT IS DESIGNED TO IMPROVE EFFICIENCY, ENHANCE PATIENT CARE DELIVERY, AND PROVIDE REAL-TIME VISIBILITY INTO HEALTHCARE OPERATIONS.

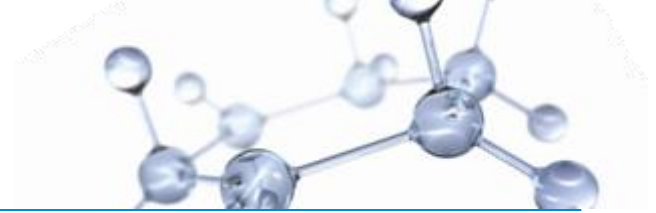
Solution Modules

HealthCare Operations System is composed of modular components that can be deployed independently or as a unified platform:

- **Patient Management Module** – Registration, demographics, and patient profile management
- **Appointments & Scheduling Module** – Digital booking, calendar management, and reminders
- **Clinical Records (EMR) Module** – Electronic medical records, consultation notes, prescriptions, and history tracking
- **Hospital Operations Module** – Bed management, admissions, transfers, and discharge workflows
- **Pharmacy Module** – Medication management, prescription processing, and dispensing workflows
- **Laboratory & Radiology Module** – Test ordering, results management, and imaging workflows
- **Billing & Payments Module** – Invoicing, claims, payment tracking, and financial reporting
- **Health Monitoring Module** – Patient tracking, alerts, and ongoing care visibility
- **Administration & Settings Module** – User management, roles, permissions, and system configuration



Key Benefits



Unified digital platform
for hospital and clinic
operations



Improved patient care
through complete and
accessible medical
records



Reduced administrative
workload through
automation of workflows



Real-time operational
dashboards for better
decision-making



Enhanced coordination
between clinical and
administrative
departments



Improved compliance
through structured audit
trails and governance
controls



Scalable cloud-based
architecture suitable for
public and private
healthcare systems



Secure role-based access
ensuring data protection
and confidentiality

AI-Powered Healthcare Innovation

HealthCare Operations System incorporates intelligent capabilities to enhance clinical and operational performance:



Predictive analytics for early identification of patient risk factors

Clinical decision support to assist healthcare professionals with diagnostics and treatment pathways

Natural language processing to convert clinical notes into structured medical records

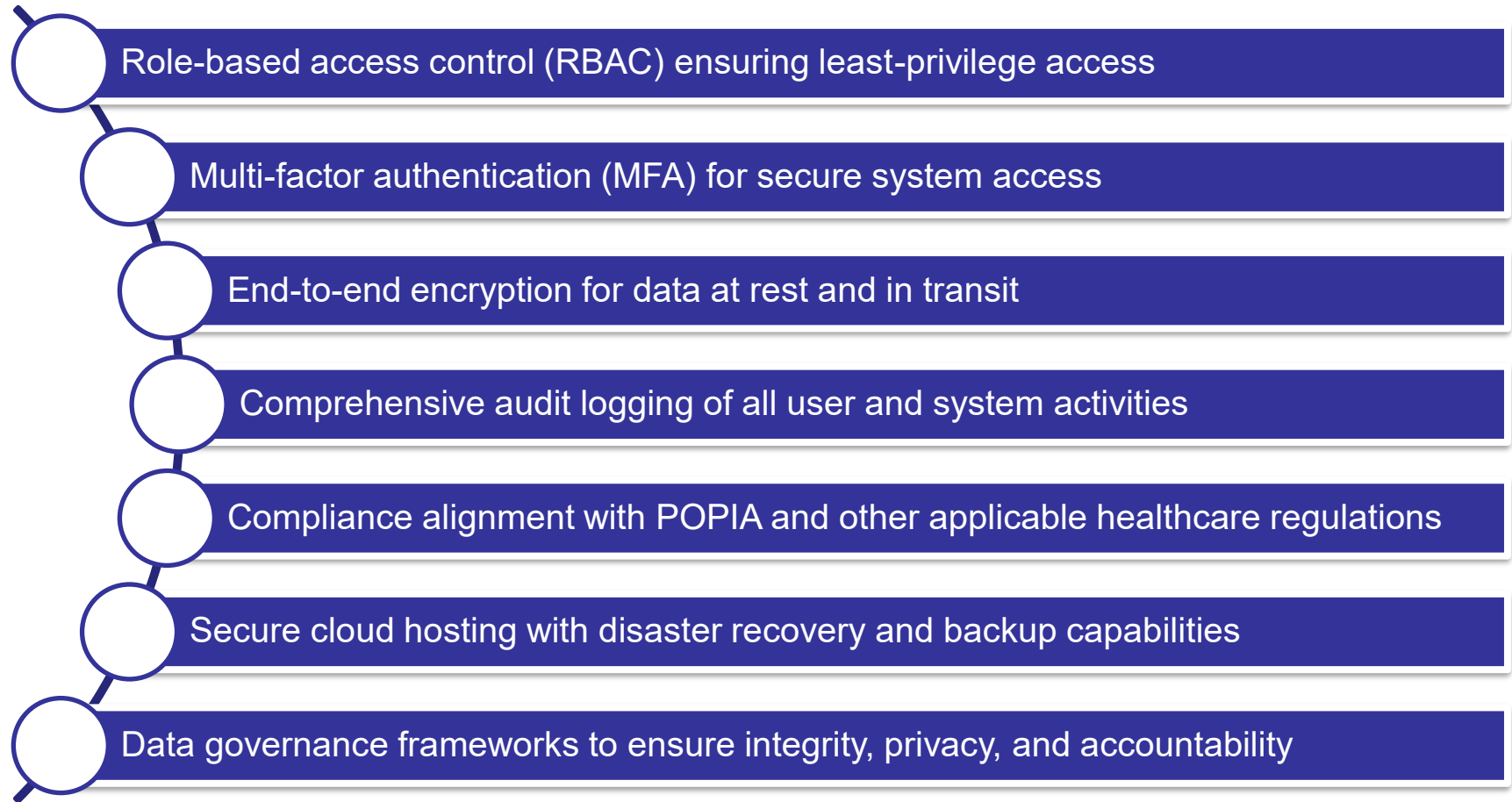
Real-time anomaly detection for abnormal lab results and patient vitals

Smart integration with medical devices such as monitors, ECGs, and wearable health trackers

Automated workflow optimisation to reduce manual administrative tasks

AI-enhanced security monitoring for access control and threat detection

Security, Governance and Compliance



Security, Governance and Compliance

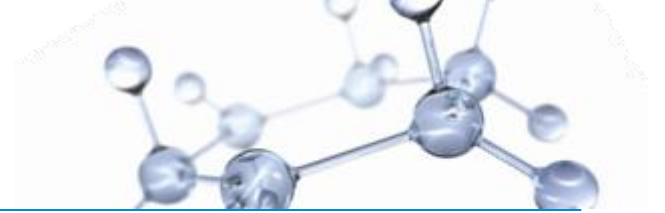
South African Regulatory

POPIA	Protection of Personal Information Act
PAIA	Promotion of Access to Information Act
MISS	Minimum Information Security Standard
Archives Act 43/1996	Authorisation for digitisation of government records
King IV	ICT Governance alignment

International Standards

ISO 15489	Records Management Standard
ISO 15801	Trustworthiness of Electronically Stored Records
ISO 16175-2	Electronic Records in Office Environments
ISO 27001:2013	Information Security Management
ISO 9001:2015	Quality Management Systems (certified)
ISO 14001 / 45001	Environmental & OHS Management

Technical Architecture



Web-based application layer accessible via secure browsers



Cloud-hosted backend services supporting high availability and scalability



Structured relational database for patient and operational data



Modular microservices architecture enabling flexible deployment



API-driven integration with third-party healthcare and enterprise systems



Secure authentication layer integrated with enterprise identity systems



Real-time data processing and analytics engine for dashboards and reporting

Delivery and Implementation Approach



Discovery & Requirements Analysis
Understanding clinical and operational needs



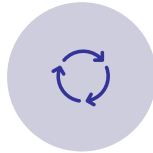
Solution Design
Defining system architecture and workflow mapping



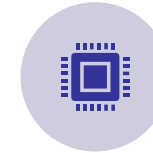
Configuration & Development
System setup and module configuration



Integration
Connecting existing healthcare systems and data sources



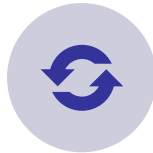
Testing & Validation
Ensuring functionality, performance, and compliance



Deployment & Go-Live
Controlled rollout into production environments



Training & Support
User training and operational handover



Continuous Optimisation
Ongoing enhancements and system improvements



Getting Started on Azure Marketplace



01

Subscribe:

Find the Veritas Engineering listing on the Microsoft Azure Marketplace and subscribe to the solution.

02

Scoping call:

A Veritas engagement manager contacts you within 1 business day to schedule a scoping session.

03

Tailored plan:

A customised implementation plan, SLA, and pricing schedule is prepared for your organisation.

04

Sign-off:

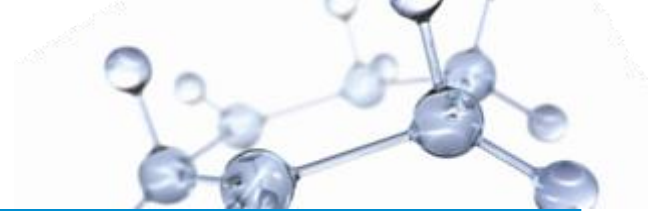
A project definition document is issued, reviewed, and signed off by both parties.

05

Kick-off:

Project kick-off and on-site setup are completed within the agreed timeframe. You are live.

Pricing: Per-user/per-month (EDRMS) · Volume-based on boxes/pages (Digitisation) · Enterprise volume pricing available



Ready to transform your records management?

Contact us today to schedule your scoping session.

✉ info@veritas-engineering.com

🌐 www.veritas-engineering.com

☎ +27 11 073 4000

Veritas Engineering & Project Management Consultants · ECSA Registered · ISO 9001:2015 · Level 1 B-BBEE · NARSSA Accredited