

*Transforming Healthcare with
Intelligence*

**Hospital Management
Information System**

Catalogue 2025

COMPANY PROFILE

PT. Indismart Kreatif Solusi Indonesia



Smart Oil n Gas



Smart Mining



Smart Building



Smart Agriculture



Multi Solution
for
Multi Sector



Smart Farming



Smart Safe n Secure



Smart Mobility



Smart Waste Management

Indismart was established on October 17, 2017, as an IT-based company that offers smart solutions for cities, industries, and governments, prioritizing service and reliability in providing technology for business needs. One of the businesses we offer is Artificial Intelligence and the Internet of Things.

Indismart is ready to contribute to advancing Digital Transformation that prioritizes trust, professionalism, and innovation. Therefore, let's collaborate with us to facilitate these needs.

Vision

To become a leading provider of AI and IoT-based analytical solutions for municipalities, enterprises, and governments by prioritizing trust and reliability.

Mission

- Providing Internet of Things and Artificial intelligence solutions.
- Providing smart solutions that can have a positive impact on users, such as increased productivity and efficiency.
- Collaborating synergistically with national and international partners.

Innovate with Insight, Comply with Confidence.



What We Provide



AI Service

Opening the door to a leading digital era for practical life solutions with Artificial Intelligence.



Software Service

Optimizing operations and improving software performance.



Analytics Specialist

Providing efficient artificial intelligence-based analytics solutions and IoT integration.

Our Clients





*Empowering hospitals through
innovation and data intelligence
to deliver smarter, faster care*

1

INTRODUCTION AND STRATEGIC ARCHITECTURE

*Empowering hospitals through innovation and
data intelligence to deliver smarter, faster care*

ABOUT US

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Medismart Hospital Management Information System (SIMRS) is a digital technology-based healthcare service system that integrates Internet of Things (IoT), Artificial Intelligence (AI), Big Data, and Cloud Computing to enhance service quality, operational efficiency, and data security in the healthcare sector

Medismart positions itself as a key enabler in this transformation, providing a platform that empowers hospital directors and administrators to turn daily operational challenges into long-term competitive advantages

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MEDISMART SIM-RS

BPJS API Integration

Automated claims and participant verification from the central system

Telemedicine & E-Prescription

AI pharmacy integrated with telemedicine for automated medication tracking and forecasting

Online Consult

Video and chat consultations integrated with EMR and SIMRS for seamless care

Electronic Medical Record (EMR)

AI-powered pharmacy system tracking and forecasting medication usage and sales

VIANA Room Mapping Availability

VIANA automates room occupancy mapping and transparently displays availability

Smart Admission

Streamlined registration system eliminating queues and repetitive processes

Experience

Smart Parking System

AI powered parking system with real-time monitoring of capacity, flow, and plates

Human Resources (SDM)

Realtime insights and attendance tracking for optimal staffing

Smart Waste Management

Smart sensors enabling automated, real-time medical waste management

Predictive Maintenance

AI driven analytics predicting medicine demand and automating pharmacy stock

Profitability

Financial Analysis (Dashboard)

Real time dashboard optimizing hospital efficiency, cost, and revenue

Smart Building

Smart IoT and video analytics for real time hospital infrastructure monitoring

Asset Management

IoT and AI driven proactive medical equipment management



MEDISMART STRATEGIC OBJECTIVES



Full Integration

Achieve complete digital integration across all hospital units, eliminating data silos that hinder performance.



High Data Security

Ensure patient data security and privacy through encryption systems and strict user access controls.



Holistic Automation

Automate repetitive and manual administrative and reporting processes, allowing clinical and administrative staff to focus on core tasks.



Operational Efficiency

Enhance operational efficiency and strengthen internal coordination, resulting in shorter waiting times and smoother workflows.

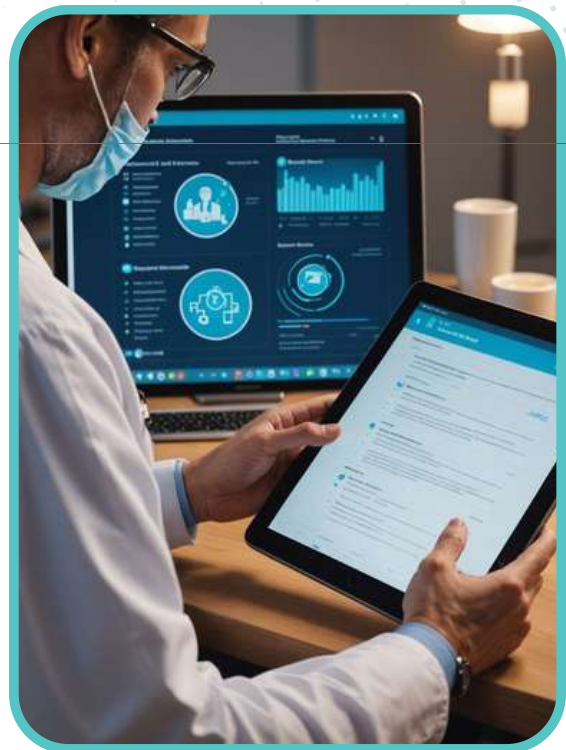


Compliance and External Interoperability

Support full interoperability with vital external systems, including BPJS, SATUSEHAT platform, and JKN MOBILE ensuring regulatory compliance and accelerating financial claim processes.

BENEFITS OF MEDISMART

- ▶ All units are connected within a single integrated system
- ▶ Reduces manual errors and improves staff performance speed
- ▶ Supports fast, data-driven decision-making
- ▶ Enables doctors to directly access digital medical records
- ▶ Equipped with an encryption system and strict user access controls



"Transforming healthcare through intelligence, innovation, and integration."

MEDISMART Architecture: VIANA Platform & Orion Data Manager

Medismart is built on an intelligent architecture that leverages artificial intelligence and sensor networks to optimize both physical and informational processes, ensuring the system operates seamlessly end-to-end :

**VIANA
PLATFORM (AI
VISION &
BIOMETRIC)**



The Intelligence Layer: focused on Automation, AI Vision, and IoT Sensors

This platform focuses on physical and visual efficiency. VIANA supports features such as Face Recognition for registration, Smart Parking, and Room Mapping Availability. It ensures that patients' physical interactions with the hospital are fast, safe, and efficient

**ORION DATA
MANAGER**



The Central Nervous System: focused on Data Consolidation, EMR, Analytics, and Critical Integration

ORION is the central engine of Medismart, responsible for clinical data consolidation, Electronic Medical Records (EMR), Return on Investment (ROI) analysis, E-Prescriptions, and pharmaceutical forecasting. ORION serves as an intelligence hub that transforms raw data into measurable strategic insights

2

PATIENT JOURNEY EXCELLENCE

*Smart Admission & Efficiency
Clinical Accuracy & Financial Compliance
Continuity of Care & Supply Chain Intelligence*

Smart Admission & Efficiency

This module is designed to address two major sources of frustration in hospital initial services: long queues and repetitive registration processes, by introducing a fast, integrated, and efficient registration system.

Online Registration Portal 1

"24/7 Service, Paperless, and On-Demand."

This module is designed to address two major sources of frustration in hospital initial services: long queues and repetitive registration processes, by introducing a fast, integrated, and efficient registration system.



Faster registration process without queuing on site



Automatic data validation and minimal input errors



More comfortable and efficient patient experience



Supports 24/7 registration (on-demand service)



Accelerates service flow at the front office and polyclinic

2 Smart Queue (SuQue Machine)

"Smart Queue System, Faster Service"

Online registration system for new patients to register independently through a web portal or application. Integrated with Hospital Management Information System (SIMRS) and BPJS gateway for automatic data verification before arrival at the hospital.



Addresses the issue of random queue numbers



Improves Patient Satisfaction through transparency and efficiency of service flow in polyclinics



Supports real-time queue monitoring by hospital management



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Compassion is the foundation of a meaningful patient experience

- Thomas Lee



Clinical Accuracy & Financial Compliance

These modules are designed to ensure that the quality of clinical care remains optimal and complies with electronic medical record (EMR) regulations and hospital financial reporting standards.

1

Electronic Medical Record (EMR)

***"Full integration,
faster clinical
decision-making"***

A pharmacy intelligence system that automatically records all patient medication usage and sales data after treatment. Prescription and transaction data at the hospital pharmacy are processed by AI forecasting algorithms to monitor trends in medication usage based on diagnosis, type of service, and time period.



**Doctors can
view complete
patient history**



**Faster,
accurate, and
paperless data
access**

Room Mapping Availability 2



***"Rooms monitored smartly,
occupancy always optimal"***

Reading of inpatient room occupancy (VIP, ICU, isolation) and performing automatic mapping for patient placement. Displaying room availability for transparency



Accelerate the flow from
Emergency Department
to Inpatient care.



Optimize room
utilization.



Room transparency
enhances hospital
reputation.



Patient wait time
transparency.

3 BPJS & Data Integration

***"Automating claims
for hospital financial
efficiency"***

Automated claims and participant
status verification directly from the
central system without manual
processes.



Improvement of
Financial data
accuracy



Faster and more
transparent
claim process.



Continuity of Care & Supply Chain Intelligence

A module that connects hospital services with patients at home and optimizes pharmaceutical logistics.

1 E-Prescription & AI Predictive Pharmacy

“AI Algorithm-Based Smart Pharmaceutical Supply Chain”

A pharmacy intelligence system that automatically records all data on patient medication use and drug sales after treatment. Prescription and transaction data from the hospital pharmacy are processed by AI forecasting algorithms to monitor medication usage trends based on diagnosis, type of service, and time period.



Facilitates hospital pharmacies in managing drug availability according to patients' clinical needs



Reduces the risk of stockouts or overstocking.



Provides insights for optimizing therapy and improving cost efficiency in pharmaceutical procurement.

Online Consultation 2



"Online consultation without boundaries, integrated with EMR"

Video and chat-based advanced consultation services integrated with patient EMR and SIMRS systems to maintain continuity of care.



Ensures continuity of care

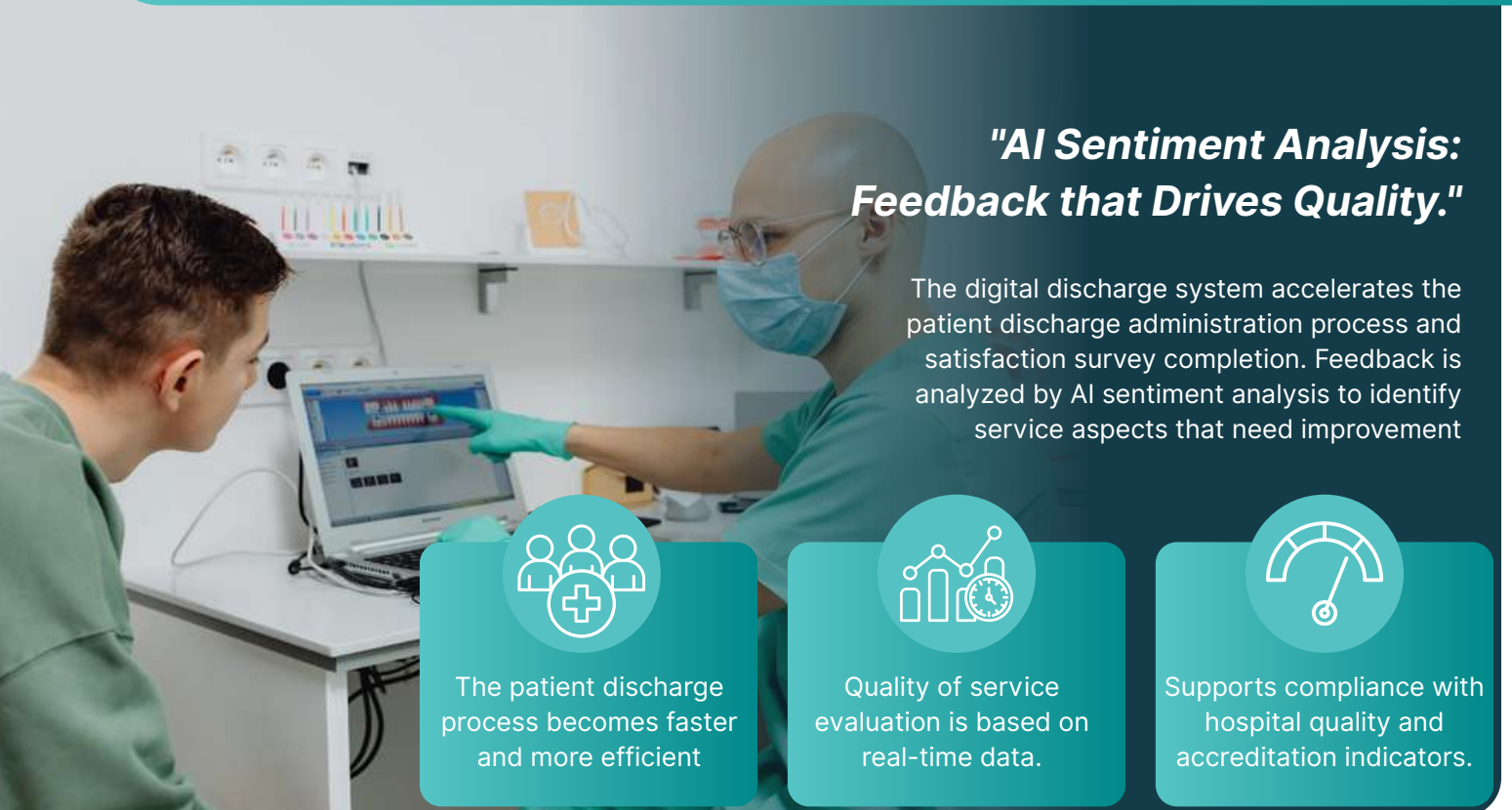


Ensures transparency and accuracy in recording additional services



Makes it easier for doctors to monitor patients

3 Digital Discharge & Patient Feedback



"AI Sentiment Analysis: Feedback that Drives Quality."

The digital discharge system accelerates the patient discharge administration process and satisfaction survey completion. Feedback is analyzed by AI sentiment analysis to identify service aspects that need improvement



The patient discharge process becomes faster and more efficient



Quality of service evaluation is based on real-time data.



Supports compliance with hospital quality and accreditation indicators.

3

OPERATIONAL EXCELLENCE & ROI

*Financial Dashboard
Smart Infrastructure & Asset Protection*



Transforming Operational Data into Increased Net Margins. Make the Right Strategic Decisions, Based on Real Evidence (Data-Driven)

Financial Dashboard

Integrated analytics dashboard to monitor hospital finances, assets, and energy efficiency. Provides real-time data on room occupancy rates, physician performance, space efficiency, and revenue for each service unit. Supports accurate strategic decision-making to achieve maximum efficiency, minimum cost, high revenue, and more optimal hospital management



Real Time Data Visualization



Occupancy Ratio and Space Utilization Efficiency



Physician Performance (speed of treatment and claim ratio)



Revenue per Service Unit



Smart Infrastructure & Asset Protection

Proactive Asset Protection and Environmental Compliance

1 Smart Building

“Proactive vital asset protection”

Smart IoT and video analytics for real-time monitoring of hospital infrastructure covering power, water, medical gas, and security



Benefits



Real time monitoring that enhances operational efficiency and reliability



Smart sensors enable 24/7 facility monitoring



Infrastructure constantly monitored, ensuring sustained efficiency



Intelligent control ensuring optimal performance and safety



Asset Management 2



“Well Tracked Assets, Reliable Services”

Medical equipment management shifting from reactive to proactive maintenance, fully integrated with IoT sensors and AI analytics

Benefits



Real-time medical analytics, detecting anomalies and optimizing operational performance



Smart early warning system for asset damage detection



Optimizing energy efficiency and securing critical medical assets



3 Predictive Maintenance (pharmacy)

“Early Detection and Medicine Availability”

Smart analytics that predict medicine demand and automate pharmacy stock management based on patient and diagnosis data

Benefits



Ensures balanced medicine inventory by preventing shortages and overstock



Smart procurement and medicine readiness optimized through clinical trend analysis



“Smarter systems, Stronger performance, Better care”

Smart Waste Management 4

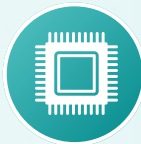
“Real-time sensors for smart medical and non-medical waste separation”

Smart sensor driven waste management automating real time monitoring and medical waste separation.

Benefits



**Efficiency in Real Time
Waste Monitoring
and Sorting**



**Intelligent sensors enable
hygienic and precisely managed
waste systems**



**Safeguarding environments
by minimizing
contamination risks**

5 Human Resources Management

*Optimizing medical workforce with
integrated data, shift schedules,
and IoT-based access control*

Real-time performance insights and precise attendance tracking ensure optimal staffing at every moment



Benefits



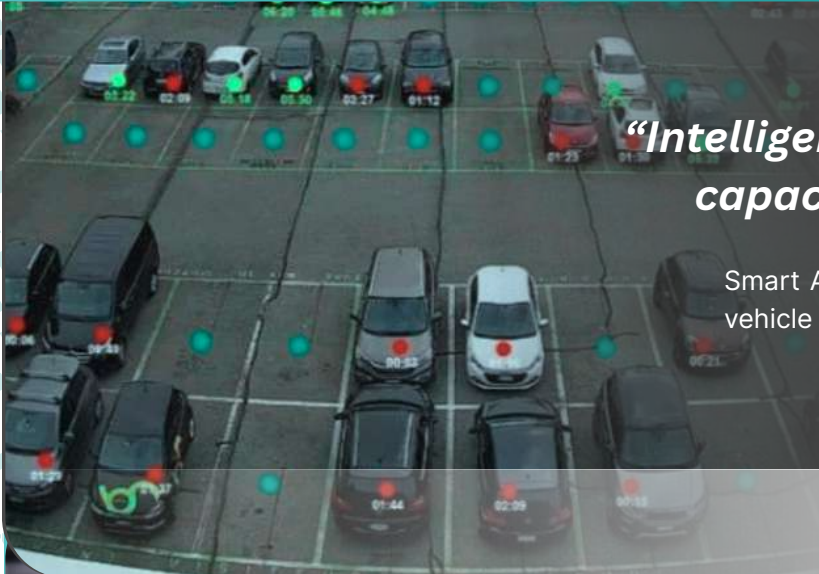
**Empowering hospitals through
data-driven efficiency and
service excellence**



**Smart optimization of medical
staff scheduling and attendance**



**Accurately monitoring medical
staff performance and
attendance in real time**



“Intelligent system for managing parking capacity and vehicle flow efficiently”

Smart AI parking system: real-time monitoring of capacity, vehicle flow, and license plates using sensors and cameras.

Benefits



Improved hospital traffic efficiency



Transparent parking retribution



Supports a more comfortable experience for patients and visitors



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Quality in healthcare begins with intelligence, when every system, asset, and decision is connected in real time to deliver safer, smarter and more efficient patient care



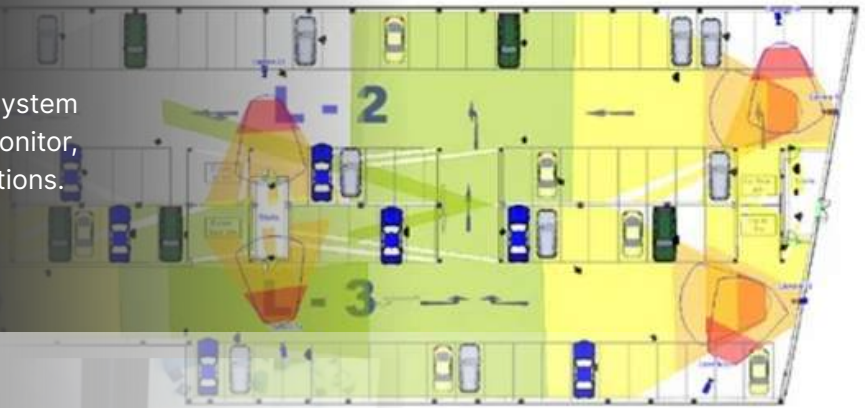
VIANA Smart Hospital

Artificial Intelligence-Based Video Analysis

1

Authority Zone Mapping

Authority Zone Mapping is a smart surveillance system that uses AI-based CCTV cameras to detect, monitor, and provide real-time alerts for hospital zone violations.



Benefits



CCTV-AI-based real-time monitoring



Zone Visualization through Video Overlay



Early mitigation of workplace accidents and criminal rate



Automated alarm system integration



Crime Sus Detection

2



Detect potential hazards such as fires, smoke, excessive crowds, or suspicious movements through data analysis from surveillance cameras.

Benefits



Detecting dangerous behavior, Crowd Optimization, and Crowd Management.



Automated rapid emergency response detection.



Object Recognition and Classification ensuring conducive hospital environment.



3

Attribute Detection

A smart monitoring system capable of recognizing uniforms, and the use of specific Personal Protective Equipment (PPE) such as medical masks, face shields, and gloves, ensuring staff and patient safety and maintaining compliance with health and security protocols.



Benefits



Enhanced Protocol Compliance ensuring safety for patient and medical staff



Improved Security and Access Authentication



Accurately monitoring medical staff performance in real time

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Our dedication lies in providing innovations that simplify service processes, accelerate the work of medical personnel, and enhance the quality of patient care.