



**Kameda Infologics**  
PVT LTD

# Life Care **Made Easy**

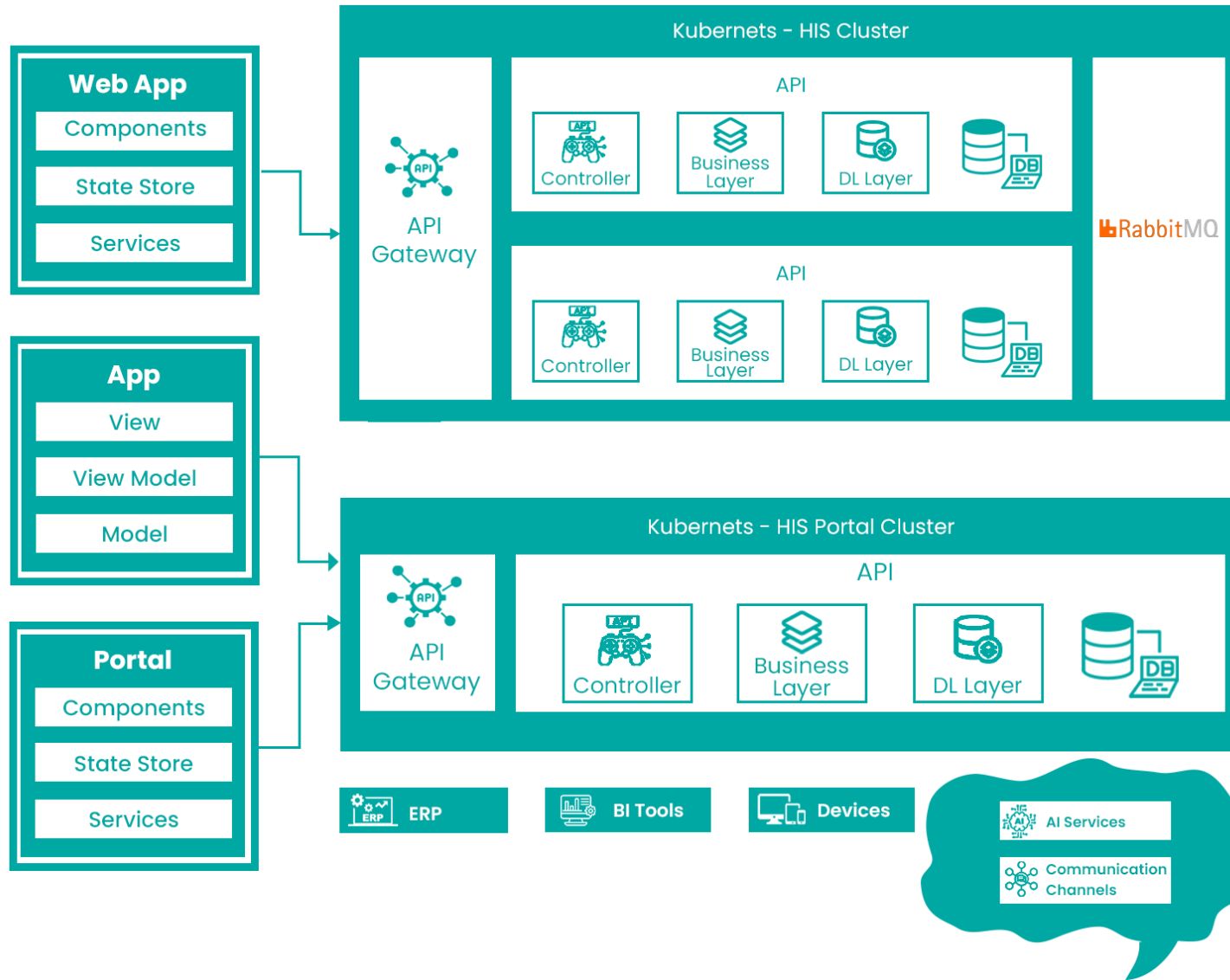


*Supporting Providers, Patients & Populations*

## Yasasii HIS – Sub Systems and Advanced Features



# Yasasii HIS - Architecture



# Yasasii HIS – Architecture – Tech Stack

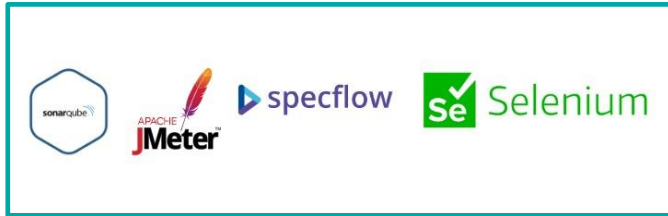
## Languages:



## Infrastructure



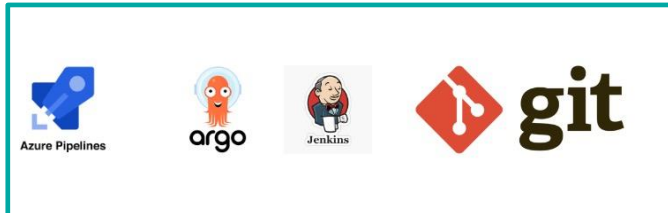
## Quality Tools



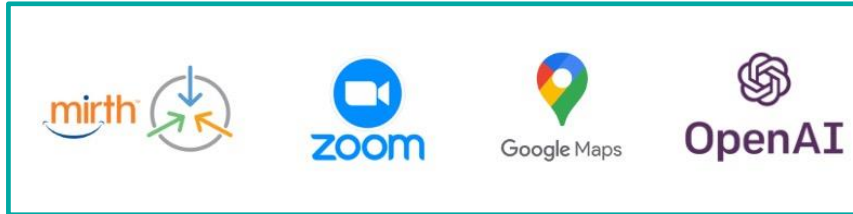
## Monitoring Tools



## DevOps



## Integrations



## 1. Scalability

Cloud-native HIS applications are designed to scale automatically. As patient records or workloads increase, resources can be scaled up or down seamlessly without disrupting services.

## 2. Cost-Efficiency

Pay-as-you-go models eliminate the need for heavy upfront investments in infrastructure. Hospitals only pay for the resources they use, optimizing costs.

## 3. High Availability and Reliability

Built on distributed, cloud-based architectures, cloud-native HIS systems ensure minimal downtime with redundancy, failover mechanisms, and disaster recovery capabilities.

## 4. Improved Performance

Cloud providers leverage high-performance infrastructure, ensuring faster access to medical records, analytics, and patient data, even during peak loads.

## 5. Accessibility and Mobility

Medical professionals can access the HIS from anywhere using secure devices. This enhances remote patient care and telemedicine opportunities.

## 6. Automatic Updates and Maintenance

Cloud-native applications can be updated seamlessly, reducing downtime and ensuring that the HIS always runs on the latest version with updated security patches.

## 7. Security and Compliance

Leading cloud providers comply with global healthcare regulations like **HIPAA** and **GDPR**.

## 8. Improved Collaboration

Healthcare teams can collaborate more effectively with real-time data sharing, enabling coordinated care across departments, hospitals, or locations.

## 9. Interoperability

Cloud-native HIS systems often support APIs and integration with other healthcare applications (e.g., EMRs, billing systems, or diagnostic tools) for smooth data exchange.

## 10. Faster Deployment

Cloud-native solutions are modular, containerized, and leverage microservices, enabling rapid implementation and customization for specific hospital needs.

## 11. Analytics and Insights

Cloud-native HIS can integrate with powerful data analytics tools, enabling real-time insights into patient trends, operational performance, and clinical outcomes.

## 12. Disaster Recovery

Cloud solutions offer automatic data backups and robust disaster recovery options, ensuring critical patient data is never lost.

## 13. Sustainability

Cloud infrastructure is often energy-efficient compared to maintaining on-premise servers, contributing to greener healthcare operations.

# Yasasii HIS – Major Sub Systems

SINo	Yasasii HIS - Sub Systems	SINo	Yasasii HIS - Sub Systems
1	Patient Registration	18	Built-in MIS Reports
2	Appointment	19	Security and User Management
3	Queue management (Doctor, Service and Pharmacy)	20	Dialysis EMR
4	Service Billing	21	Dietary / Nutrition Management
5	ADT(Admission Discharge Transfer)	22	Packages
6	SMS and Push notifications for billing/Reports	23	Mobile Apps ( Patient Mobile app (Appointment , Result view, Discharge process)
7	Discharge Summary/Certificate	24	Auto Billing (IP)
8	EMR (OP)	25	Discharge Process
9	EMR (ER)	26	Investigation Management
10	EMR (IP)	27	Interface with Lab Equipment
11	CPOE (Computerized Physician Order Entry)	28	Pharmacy Dispensing
12	Medication Management / e-Prescription	29	Inventory management
13	Nursing Management	30	Patient Portal
14	Final invoice Generation and Settlement	31	Custom Report Builder
15	Insurance and corporate management	32	ICU Monitoring & Flowsheets
16	Operation Room Management (Scheduling, Preference Card, OR Tracking board, OR Clinical process, OR Billing etc)	33	Electronics Medical Administration
17	Infection Control (Disease Surveillance/Outbreak/HAI/MDR Bugs/ Antibiogram etc)		

# Speciality Specific EMR Portfolio



**Cardiology**



**Critical Care**



**Endocrinology**



**ENT**



**Gastroenterology**



**Urology**



**General Medicine**



**Ophthalmology**



**Gynecology**



**Laboratory  
Orders**



**Medical Gastroenterology**



**Respiratory Medicine &  
Critical Care**



**Neurology**



**Orthopedics**



**Pulmonology**



**Musculoskeletal**



**Surgery**

# Yasasii HIS Y5 – Advanced Features



## Centralized Data Management (Multi Site)

- Facilitates unified patient records
- Standardized workflows
- Centralized management
- Reporting & Offering various other benefits



## Barcode Medicine Administration

- Implemented a barcode scanning system
- Integrated with the hospital's EMR
- Ensures accurate medication administration
- Reduces errors & Improves patient safety



## Closed Loop Administration

- Implement a closed-loop medication system
- Integrate ordering, dispensing, administration, and inventory management
- Track medications
- Ensure accurate stock
- Reduce errors & Enhance patient safety



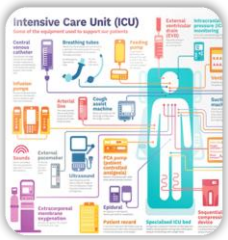
## Medicine Reconciliation

- Allows doctors to verify a patient's medication history
- Ensures new medications are appropriate
- Prevents errors like drug interactions or duplications



## Operation Room Process

- Streamlined workflow for surgery details
- Preoperative preparation to postoperative registration
- Single-screen interface
- Restricted access



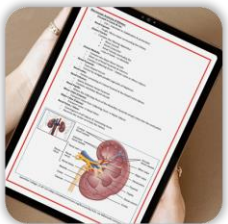
## Critical care chart

- Monitor and manage critical care parameters
- I/O monitoring
- Calculations
- Balance tracking & Single screen interface



## Second Opinion

- Securely send the patient's file for a second opinion
- No formal consultation needed



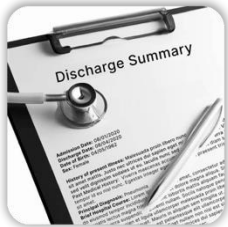
## Past note comparison

- View changes between current and previous patient notes



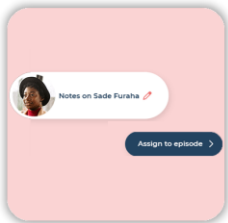
## Capture/upload image/videos in Physical examination

- Capture or upload real-time images during patient exams
- Use tablets for this process
- Annotate images
- Provide visual documentation for diagnosis, treatment, and follow-up



## Discharge Summary

- Efficiently create discharge summaries
- Use voice recording and automatic transcription
- Automatically populate lab results and discharge meds
- Improve accuracy and save time



## Clinical note grouping based on a clinical episode

- Group clinical notes based on clinical episodes
- Provide a comprehensive, organized view of patient care
- View notes in the context of specific episodes (e.g., hospitalization, surgery, treatment cycle)
- Improve clinical decision-making with structured and relevant information



## Dialysis procedure reporting

- Document and track dialysis procedures against specific orders
- Capture key details of procedure execution
- Ensure accurate documentation and patient monitoring



## Combined orderset

- Create "orderset" with both services and medications
- Clear categorization: service subcategory and Medication Class
- Streamline ordering process
- Quickly select medications and services relevant to treatment plan



## Procedure reporting in CPOE administration

- Streamline documentation, reporting, and tracking of medical procedures within CPOE
- Standardize and automate procedure documentation
- Improve accuracy, efficiency, and compliance
- Ensure all relevant details are captured for future reference and reporting



## Tube feed ordering , preparation and administration

- Implement a system for tube feed ordering, preparation, and administration
- Enhance patient safety
- Streamline workflow in healthcare settings
- Ensure accurate ordering, preparation, and timely administration



## Smart note implementation across EMR module



## Digital signature

- Enable users (doctors, nurses, patients, or administrators) to sign documents
- Use touch devices (e.g., tablets, touchscreen laptops)
- Utilize external sign pads



## Patient Note from mobile App

- Provide healthcare providers an option to view patient-entered notes via a mobile app
- Include vitals, chief complaints, symptoms, or other health updates
- Ensure timely communication
- Enhance patient engagement in their care



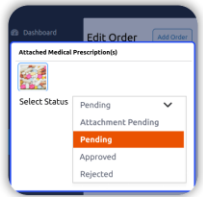
## Note Accessing reason

- Enable feature for doctors to document a valid reason when accessing patient records without referral or consultation link
- Ensure patient privacy
- Ensure regulatory compliance
- Ensure transparency



## CPOE order carry forward from OP to IP

- Seamlessly transfer orders from outpatient (OP) to inpatient (IP) settings
- Automatically carry over physician's previous orders (e.g., medications, lab tests, treatments)
- No need for re-entering orders manually upon patient admission



## Pending order validation at the time of Discharge recommendation

- Review and validate pending orders (medications, tests, procedures, etc.)
- Finalize discharge recommendations
- Prevent unnecessary treatments
- Cancel orders that are no longer needed



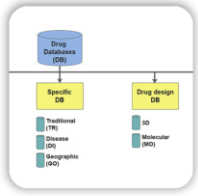
## Auto billing at the time of CPOE order execution/Administration

- Automatically generate billing entries upon CPOE order execution or administration
- Streamline billing process
- Reduce manual intervention
- Ensure accurate capture of charges for treatments, medications, procedures, and services at the time of delivery



## Dental Examination

- Select specific teeth during examination
- Mark treatment details
- Efficient and accurate documentation of dental findings and treatment plans
- Record observations, diagnoses, and treatments for each tooth
- Easier management of dental records



## Integrate with Drug Database

- Yasasii integrates with Medi-Span
- Comprehensive drug database and clinical decision support tool
- Provides real-time alerts for various drug interactions

# Order management system



## Improved sample tracking process

- System-driven approach for each step (collection, dispatch, receipt, acceptance, etc.)
- RFID tracking for samples



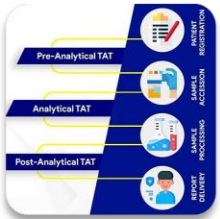
## Effective event tracking

- Monitor every event with precise timelines
- Include phlebotomy start and end times
- Track user details, date, and time



## Critical result communication

- Ensure timely communication of critical results to ordering doctor
- Implement a system for tracking and logging communication



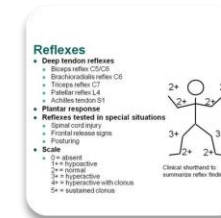
## Real-time TAT indication

- Display real-time Turnaround Time (TAT) on all processing screens
- Option to record reasons for delays exceeding the TAT



## External sample processing workflow

- Option to collect details of Sample Preparation
- Option to collect details of Sample Dispatch



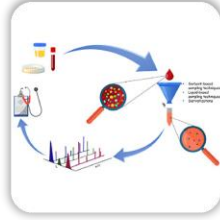
## Configurable reflex testing rules

- Define rules for reflex testing
- Apply rules to streamline workflows



## Automated result authorization

- Enable auto-authorization of results
- Use configurable rules



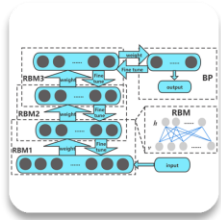
## Multi-site sample processing

- Support workflows for samples billed at one location
- Allow collection of samples at a different location



## Automatic alerts

- Generate alerts for discrepancies
- Generate alerts for out-of-range results



## Enhanced delta check process

- Improve delta check process
- Identify and flag significant result deviations efficiently



## Audit trails

- Maintain comprehensive audit trails
- Track user actions
- Track data modifications



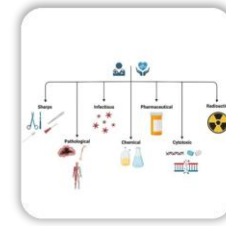
## Tailored features

- Provide customizable features
- Address specific lab requirements (e.g., pathology vs. microbiology)



## Report delivery

- Enable WhatsApp functionality to send reports directly to patients
- Enable email functionality to send reports directly to patients



## Sample storage and discard process

- Implement systematic procedures for sample storage
- Manage proper discard procedures



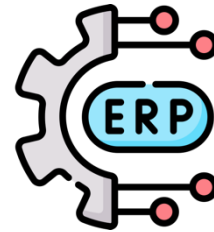
## Automated Billing

- Services for all insurance, corporate, and credit patients will be billed automatically.
- Billing will occur upon service execution.
- This ensures that no clinical service goes unbilled.



## Medication Billing

- All medication administrations will be automatically billed to the patient.
- No separate billing process is needed.



- Yasasii HIS can seamlessly integrate with external ERPs such as SAP, Oracle Fusion Cloud ERP, and Yasasii ERP
- Enables real-time synchronization of financial, inventory, and operational data between HIS and ERP systems



## Cancellation Requests

- Streamlined request process for cancellations.
- Simplified approval process.



## Discount Requests

- Structured request process for discounts.
- Approval process for discount applications.



## Medicine Returns

- Request process for medicine returns.
- Approval process for tracking and compliance.



## Enhanced Tariff setting



## Improved Discharge Process

- Enhanced discharge process
- Multiple checks to ensure all services are charged.
- Ensures charges are completed before patient leaves.



## QR-Based Pharmacy Sales

- QR-based tracking will ensure the correct batch number is billed and dispensed to the patient.
- Enables inventory tracking up to the batch level and prevents issues like dispensing expired medicines.



## Inventory Mapping with Procedures

- Option to map inventory items to specific procedures.
- Includes required quantity for each procedure.
- Ensures accurate tracking of consumed quantities.
- Helps monitor over-usage of consumables at employee and procedure levels.



## Enhanced Insurance billing process



## AI-Assisted Notes

- System automatically generates notes based on doctor-patient conversation.
- Orders are created automatically.
- Streamlines documentation.
- Improves efficiency.



## AI-Assisted Decision Support System (DSS)

- System leverages latest OpenAI features.
- Assists doctors in making accurate decisions.
- Provides real-time insights and recommendations.



## AI-Supported Claim Verification

- Yasasii AI module verifies each claim before submission.
- Identifies potential rejection points.
- Reduces likelihood of resubmission.
- Ensures timely payment.

