

VALIDUS  
HEALTHCARE

simplifying **IT** for Healthcare



# *e – health* Enterprise *i*

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Capability Document



*e – health* Enterprise *i* offers the following capabilities to the Hospital Management to help them build a seamless & integrated workflow while ensuring fast, smooth and efficient operations.

1. Data Capture Capability

Get real time and accurate, up-to-the-minute data Analysis of occupancy rates, available resources and usage, cost of patient & services, other overheads, and so on.

Predict requirements and cost services accurately to improve productivity and reduce overheads.

Our Transactional modules and the Management and Analysis reports ensure that information is collected and shared across departments and locations, making it easier to connect operations with decision making groups.

This offers the capability of faster, more accurate and data driven decisions. *e – health* Enterprise *i* provides a flexible, albeit, robust platform for hospital operations.

2. Capability to Standardize Functionality

By deploying *e – health* across all departments of the hospital, hospitals can achieve a standard operations model across the enterprise.

While *e – health* offers tremendous flexibility, it also brings with it Best Practices of the Industry embedded in its workflow for the benefit of the hospital.

3. Process Integration Capability

Integrate your healthcare systems, employees, and partners more efficiently and effectively.

Integrate systems, staff, and partner organizations efficiently and effectively through manageable business processes. It helps them to automate and orchestrate interactions in a highly-flexible, automated manner. Managers can use business activity monitoring capabilities to track all business processes and leverage sophisticated work flow technology to automate the flow of documents, sequence of activities, and people interactions.

4. Network Capability

Provide a single point for common services across your entire hospital like Patient Appointments, Vendor PO, Surgery Scheduling or Management



## 5. Equipment Interface Capability

Reporting.

e – health offers technology options that give you the capability to connect people and systems securely and reliably. Hospitals can implement systems essential to deliver innovative information-driven services through a secure fabric of wireless and wired connections.

The design supports highly scalable and dependable solutions that satisfy growing demands on your infrastructure.

e – health offers medical equipment interfacing solutions covering medical equipment and departments ranging from Endoscopy & Gastro-enterology, Radiology, OB / GYN, Cardiology, General Surgery, to name a few.

e – health helps in integrating Medical Equipment to seamlessly integrate within the Hospital Workflow to ensure smooth and efficient operations, thus enhancing the service level and patient satisfaction.

It also offers the capability to monitor the equipment usage and reduce human errors to improve accuracy of information and data.

By using resources on the device and connecting intelligently to data services, e – health provides an adaptive and richly-interactive experience. The application delivers an extensible environment for managing information, collaborating, and connecting people.

## 6. Data Security

e – health provides end-to-end protection so that you can implement networked solutions confidently across your organisation.

Access Control Management incorporating Role based and Location based authentication, authorization, and secure communication helps you to roll out an enterprise wide implementation, with the assurance that critical organization and patient data is protected.

When this is complemented by technologies that provide advanced firewalls, antivirus protections, directories, and remote access, you can lay the cornerstone for security across the application.

## 7. Audit Capability

The access control features combined with the robust design of data



8. Capability of creating hierarchal organizations

capture and storage offer the capability of creating an accurate and complete audit trail of data and transactions.

Hospitals can now drill down to get an in-depth view of each and every transaction in the application thus getting the capability of retracing of transactions based on permissions.

e – health offers the capability to connect field healthcare workers, other locations and teams with the information and resources they need to work more efficiently.

e – health offers the capability to create multi-locational organizations and also place them in the organizational hierarchy at different levels of operations. This provides the Management a robust reporting system that enables them to accurately analyze the data flowing in from different locations / teams.

Hospitals can aggregate information from diverse locations into one intelligent portal with single sign-on and organization-wide search capabilities so that staff can access relevant information quickly based on predefined access control protocols. Flexible deployment options and management tools help IT staff to distribute information to audiences based on their role, interest, security group, or other membership criteria.

9. Communications Capability

e – health helps healthcare workers to confer and consult in the way that suits their work style by providing them an integrated communications platform within the system thus making sharing of information more easy however secure.

10. Business Intelligence Capability

e – health offers an integrated real-time, in-depth view of business data to every level of your healthcare organization to support daily operations and drive decisions.

Reveal patterns and trends in your operations so that you can plan, predict, and deploy resources with greater accuracy and cost-efficiency. Powerful analysis and data-mining technologies, flexible reporting solutions, and interactive dynamic scorecards provide the tools you need to visualize complex information and make better decisions more rapidly.