

Internship at Napier Healthcare, Hyderabad

By

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1.0 About the Organization

Napier Healthcare is a healthcare information technology company, established in 1996, that offers healthcare software implementations for private and government hospitals, clinics, pharmacies and diagnostic centers.

Napier is headquartered in Singapore with its global development center in Hyderabad and business operations in Chennai and Hyderabad in India. Napier's presence is extended to Turkey, Saudi Arabia, Dubai, China, South Africa, Kenya, Tanzania, Bhutan, USA and Malaysia.

Napier was established in 1996 as a Healthcare IT Products and Services Company. With deep domain knowledge and singular focus, Napier Healthcare Solutions has built a robust, feature rich suite of products to deliver significant value to the stakeholders of the healthcare industry.

Napier's offerings are built with inputs from industry veterans, clinicians, medical authorities and patients. Designed with intuitive user-interface, their products offer modular, easy to implement solutions to meet the needs of small, mid-sized and large private as well as public sector hospitals.

They have a focus to deliver "Excellence in Healthcare Management." Their solutions transform the way clinical information is captured and used to improve the quality of patient care, their safety and service delivery.

With HL7(Health Level 7) interface, adherence to ICD-10 Coding and DICOM (Digital Imaging and Communication) imaging standards, Napier's solutions meet the needs of healthcare service providers spanning Tertiary, Secondary and Primary care to urban, rural, and home care. Company's relationship with Global IT majors has helped in positioning us as a "Total Solutions Provider".

Napier is an ISO 9001:2008, ISO 27001:2005 certified and HIPAA (Health Insurance Portability and Accountability Act) compliant company. As a testimony to their continued strive for performance and commitment to clients, Napier was conferred with many prestigious awards.

1.1 History

Napier Healthcare was formed in 1996 as "Karishma Software". On 17 September 2010, the company was renamed "Napier Healthcare". Napier provides information technology solutions in healthcare. In November 2012, the company appointed Mr. Karthik Tirupathi, an IT industry

Veteran, as CEO to lead its geographic expansion and growth efforts. The company has since made an entry into the US healthcare market with a fully owned subsidiary.

Partners

Napier Healthcare works with IT companies such as IBM, INTEL, HP, Microsoft, Oracle and a few others.

1.2 The Logo



FIGURE 1. THE LOGO

1.3 Awards & Accolades

Napier Healthcare is HIPAA-compliant and ISO 9001:2008, ISO 27001:2005 and ONC HIT 2014 Edition certified. Also, the Napier Healthcare Hospital Information System (HIS), Version 2.1 has ONC HIT 2014 Edition Complete EHR (Electronic Health Record) Certification. In addition, the company has been conferred with many prestigious awards.

Awards

- 4th ELDERCARE INNOVATION AWARDS 2016
- 3rd ELDERCARE INNOVATION AWARDS 2015
- 2nd ELDERCARE INNOVATION AWARDS 2014
- Frost and Sullivan Singapore Healthcare IT Company of the Year 2016
- Frost and Sullivan Singapore Healthcare IT Company of the Year 2015



- Frost and Sullivan Singapore Most Promising Healthcare Company of the Year 2013
- Frost and Sullivan Healthcare IT Company of the Year 2011
- Frost & Sullivan Hospital Information Company of the year 2010
- Frost & Sullivan Healthcare IT Company of the year 2009

- IBM Public Sector 2008 Top Star Award



- Beacon 2011 Award - Best Solution for Healthcare



Accolade

Napier Healthcare is cited in KLAS Global EMR Market Share Report 2016 as a top three provider of EMR (electronic medical record) solutions in Asia.

1.4 Certifications and Compliance

- Napier Healthcare's Hospital Information System (HIS), Version 2.1 has
ONC HIT 2014 Edition Complete EHR Certification



- ISO 27001:2005 Certified for Information Security Management System
- ISO 9001:2008 Certified for Quality Management System
- Health Insurance Portability and Accountability Act of 1996 (HIPAA – Privacy & Security)



1.5 Solutions

Napier solutions are engineered by doctors, for doctors. We simplify the complexities of the healthcare management, so that caregivers like you can focus on what's really important—caring for patients and extending your service reach.

It provides comprehensive suite of integrated solutions addresses your hospital's clinical, financial, physician and ancillary needs, helping you achieve meaningful use requirements of a certified Electronic Health Record (EHR) system.

1.6 Services

Healthcare providers today are under pressure to realize meaningful use, lower operating costs and enhance patient experience. Since 1996, Napier has implanted countless projects around the world where resources are stretched and regulations endless. They consult, design, build and deploy technology solutions with our team of healthcare domain experts and trained information technologists. From implementation support to business transformation management services to infrastructure management, Napier can be a one-stop solution to a hospital's technology implementation needs.

The implementation methodology takes a disciplined, step-by-step approach to successful implementation services engagements and is supported by a methodology framework consisting of services templates, tools, technical guide books and implementation best practices.

The services include:

- Solutions deployment
- Custom application build and deployment
- Cross platform application integration
- Healthcare enterprise architecture consulting and design
- Napier applications support services

Napier Healthcare has over 17 years of experience in providing software solutions in both Clinical and Non-Clinical areas of a Provider's operations. These hospitals range from 25 beds to 1,500 beds, all having successfully implemented Napier's Critical Access (NCA), Laboratory Information System (LIS), Electronic Medical Records (EMR), and other solutions which has yielded substantial operational and financial benefits, plus reduced medical errors and improvement of care quality.

With an impressive array of multi-specialty, multi-locational and multi-country implementations, Napier Healthcare offers affordable world-class solutions and services to Healthcare Providers.

Napier's solutions utilize the Napier Rapid Deployment model to help Providers accelerate IT implementations at an affordable cost. They include a robust, feature-rich offering for Critical Access Hospitals (CAHs) encompassing:

Napier Critical Access (NCA)



Napier Healthcare's Napier Critical Access (NCA), Version 16.1 has ONC HIT 2014 Edition Complete EHR Certification.

- Electronic Medical Records (EMR)
- Patient Portal
- Telemedicine
- Home Care

1.7 Specialties and Products:

- Hospital Information System
- Nursing Home Solutions
- Referral Management System
- Remote Patient Monitoring
- Practice Management System
- Aviation Medicine Application
- Physician Management System
- Maritime Medicine Application

Figure 2. shows the different specialties of the different products that the organization offers.



FIGURE 2. SPECIALTIES

Hospital Information System

The Napier Hospital Information System (HIS) is a flexible, affordable and intuitive software solution developed collaboratively with healthcare professionals—including physicians, nurses and pharmacists—and designed to empower them and their peers to make better decisions and enhance patient care and safety, while minimizing costs, resource expenditure and loss of revenue. It also enables healthcare providers to achieve requirements for an electronic health record (EHR), revenue cycle management system and more.

Napier HIS is an integrated and scalable web-native platform that optimizes clinical, financial and operational outcomes. Its modular capability supports simple integration with additional clinical and ancillary solutions to support the continuum of care. Developed using healthcare industry standards, Napier HIS also allows seamless integration with third-party IT solutions.

Clinical Solutions include:

- Nursing Documentation
- Electronic Nursing Administration Record
- Physician Documentation
- Computerized Provider Order Entry
- Pharmacy
- Laboratory Information System
- Radiology
- Emergency
- Scheduling
- Outpatient Facility Management
- Surgery Scheduling
- Information Button
- Clinical Decision Support Engine
- Ambulatory EMR

Access & Financial Solutions include those for Patient Access & Accounts, such as

- Master Patient Registry
- Registration
- Eligibility Verification
- Accounts Receivable
- Claims Management
- Electronic Remittance Advice
- Automated Secondary Billing
- Collections
- Revenue cycle
- IP Billing/OP Billing

Napier's Loop

360° Patient Referral and Retrieval Solutions

NAPIER LOOP is a cloud-based referral management platform designed to simplify and strengthen collaborative care by streamlining and coordinating the 360° referral management cycle. NAPIER LOOP is an easy to use, intelligent, cloud solution that helps healthcare providers effectively manage their patient referral processes.

Napier's Nursing Home Solutions

The web-based Napier Nursing Home solution offers operators of nursing homes a comprehensive set of integrated tools for management of the monitoring and treatment of their residents—with full visibility into every aspect of their operations from end to end and total control over their costs.

Napier Nursing Home is highly scalable and robust, and meets the automation requirements of all parties in the nursing home care provision environment. Including access to real-time and complete clinical information, resident

assessments, preparation of case summaries and consolidation of services during billing.

Key functions of the Napier Nursing Home solution include:

- Census Management
- Electronic Medical Records
- Resident Assessment and Care Planning
- Social Event Tracking
- Events and Alerts
- Medication Administration Record
- Clinical Documentation
- E-Prescription
- Patient/Physician/Family Portals
- Billing and Collection

Remote Patient Monitoring (RPM)

- Napier Remote Patient Monitoring ties together all the resources required to provide healthcare providers and patients from a portal that is easy to navigate and access. Figure 3. shows the process of how the remote patient monitoring works..

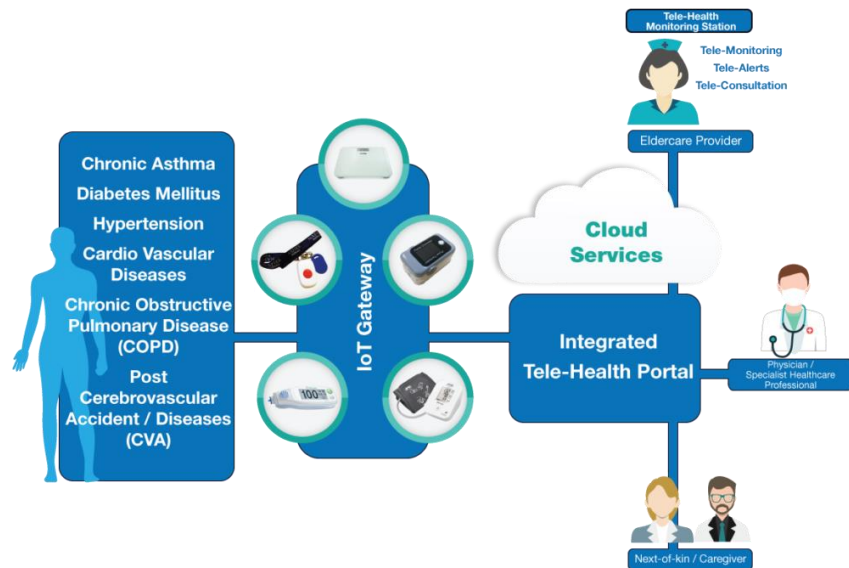


FIGURE 3. RPM

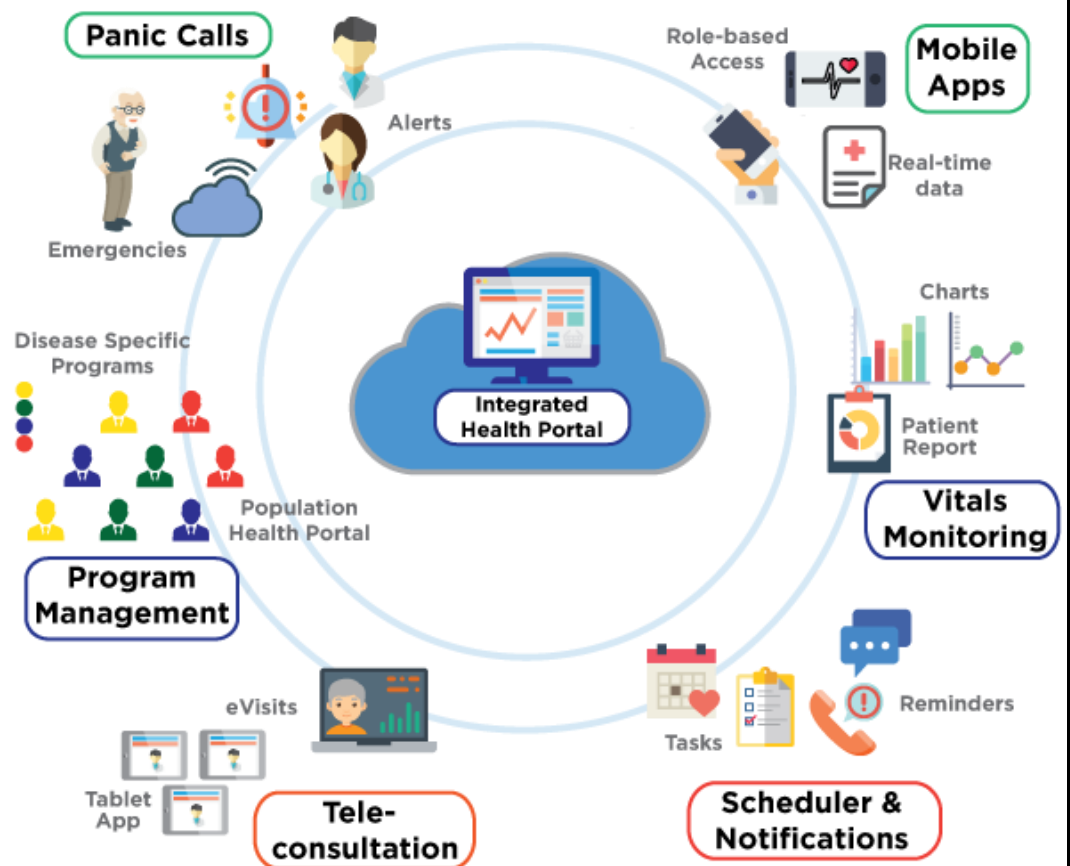


FIGURE 4. REMOTE PATIENT MONITORING PROCESS FLOW

