

## PINAACLE TECHNOLOGIES: PHARMACY & EMR MODULES FOR A BETTER HEALTHCARE CLOUD EXPERIENCE



◆ Manoj Kumar K C, CEO

**T**oday's healthcare IT professionals are under pressure to shift from capital-intensive technology investments to operational expenses that offer flexibility and center on their core businesses. Pharma leaders want to funnel capital into cash flow-generating activities that allow them to deliver improved outcomes. Cloud enabled services let healthcare organizations focus on client's health rather than data centers, digital real estate to house them, and skilled professionals to maintain and operate

them. The explosion in the healthcare industry's reliance on cloud-based computing - coupled with the industry's need to be flexible, collaborative, and consumer-focused - means that healthcare is more than willing to inevitably adopt new ways of utilizing the cloud. Contributing a portion of the healthcare's Cloud requirements is Bangalore headquartered Pinaacle Technologies. Being an ISO certified software development & consulting provider, the company renders a wide range of services that include cloud, data center managed services & web services along with Health Care consulting. "Through these services, Pinaacle assists organizations to utilize the extra mileage required to implement the solution without much dependency on third party applications", says Manoj Kumar K C, CEO, Pinaacle Technologies.

Today's healthcare industry faces a major challenge in managing medical equipments, which include tracking & managing mobile assets, complying with ever-changing regulatory standards, guarding against equipment failures, and managing clinical equipment inventory. To meet demands of this changing market, Pinaacle proffers 'MedStar HIS' healthcare solution which is capable of integrating most of the medical equipments that are built with compatible standards such as DICOM, HL7 to name a few. MedStar has features to track the movement of machines using the machine inventory & maintenance control module. Similarly, MedStar's analytics module integrated with LIS

The pharmacy module keeps track of huge inventories of medicines, while every prescription to the patient is managed electronically through EMR modules

(Lab Information System) automates lab orders issued by doctors thereby providing instant lab reports.

### Pharmacy Management & EMR modules

Most electronic health record (EHR) systems are hosted on physical servers, with few healthcare entities using cloud-based systems. As security technology improves, more EHRs are gradually being hosted on cloud-based and web-based platforms. This clearly gives a green light for providers and patients to access them more easily on laptops, tablets and smartphones via a secure log-in to a website or online portal. Pinnacle enhances this experience in an exceptional manner through their Pharmacy Management & EMR module called MedStarHIS. The pharmacy module keeps track of huge inventories of medicines, while every prescription to the patient is managed electronically through EMR modules. Electronic Medical Records keep track of all the patient records such as diagnoses, vital signs, lab orders & results, radiology orders & results, patient treatment plan and other information. The data is made available on fingertips instantly by keying in the



UHID on the cloud version of MedStar. “As getting the right instrument is a decision making process for the hospital, we recommend devices to the hospital which has a good track record on quality and work well with the software integration process,” adds Manoj.

Hospital Management processes have been evolving from conventional systematic processes to an automated

Pinnacle’s Front office/OPD management services includes the following modules:

- Front Desk & OP Module
- Appointments & Registration
- HelpDesk
- Communication
- Insurance & TPA
- Queue management system
- KIOSK

Clinical Management focus lies on:

- Critical care
- Doctor’s Module
- Nurses station and ward management
- Dialysis management
- Physiotherapy
- Cathlab management
- Operation theatre management

planning and analytical tool which will enable hospitals to analyze, plan, correct and lead to a decision making process to ultimately benefit revenues. Moreover, pharmacy management software has grown from a conventional inventory & sales software to advanced planning software in order to serve the needs of patients. MedStar Pharmacy software uses analytics to automate re-ordering and inventory & revenue forecasts which gives the product the ability to stand firm in the competitive market. Pinnacle’s ‘MedStar HIS’ solution is capable of adapting to new changes through customization of machine interfaces and can easily be integrated with any new devices.

While serving customers in India and abroad, MedStar has been recognized with various awards for its ‘simplicity & capabilities to automate the entire hospital IT cycle requirements’. Moreover, the organization is focused towards developing MedStar cloud version for multi specialist hospitals which will leverage comparatively shorter implementation timelines. With similar plans ahead, Pinnacle intends to implement MedStar in around 600-1000 hospitals in the next five years, and also proposes to deliver automation solutions for small and medium hospitals in the near future. **CR**