



## Description

**Indian River Medical Center's (IRMC)** module provides a comprehensive solution for Medical Center system that helps you to manage the entire lifecycle hospitalization from medical services, patient support & to volunteer services for customers & along with well-organized customer services.

## Business Needs

- To make it more fast & robust.
- To make their System simple and efficient & reliable.
- Browser independencies.
- Handling host session.
- To expand their medical care services through customer services.

## Client Background

**Indian River Medical Center (IRMC)**, Celebrating more than 75 years of caring for our community, Indian River Medical Center is an award-winning 335-bed not-for-profit hospital centrally located on Florida's east coast. IRMC is well known for its comprehensive cancer program, nationally recognized vascular surgery and orthopedic services, its spacious and modern ER and a wound healing center with a healing rate of 91 percent in 16 weeks. The IRMC maternity wing welcomes more than 1,200 babies to the world every year. For your privacy and comfort, IRMC features all private rooms.

IRMC will serve as the area's leading provider of comprehensive high quality health and medical services, and will distinguish itself as the County's community hospital with commitment to assess and meet the healthcare needs of individuals and the overall community.



Since then the hospital has grown to include 335 private rooms. More than 50,000 people are seen each year in the new state-of-the-art Emergency Department and The Heart Center, affiliated with Duke University Health System, opened in 2006. Also in late 2006, to reflect the transition from a good community hospital to a top-quality medical center, the hospital changed its name from Indian River Memorial Hospital to Indian River Medical Center.

**IRMC's** System gives you multi-product flexibility and a range of services that no other partner can provide, including:

- Patient entry & its setup
- Support of Bankcards (MasterCard, Visa)
- The Heart center
- Ambulatory infusion
- Behavior health center
- Cancer care
- Critical care unit
- Emergency services
- Radiology services
- Lab express services
- Medication management services
- Orthopedics services
- Sleep disorder services
- Urgent care services
- Wound healing center
- Nutrition
- Bill Management services
- Post chapel
- Spiritual services
- 24/7 customer services/care
- Online payments facility

## **Business Case**

The **IRMC's** system was built on the iSeries system (5250) and they decided to convert all the important medical center management iSeries screens to modernize web application for their clients. They decided to do this using IBM HATS in Phase wise for their clients to expand their medical care system.



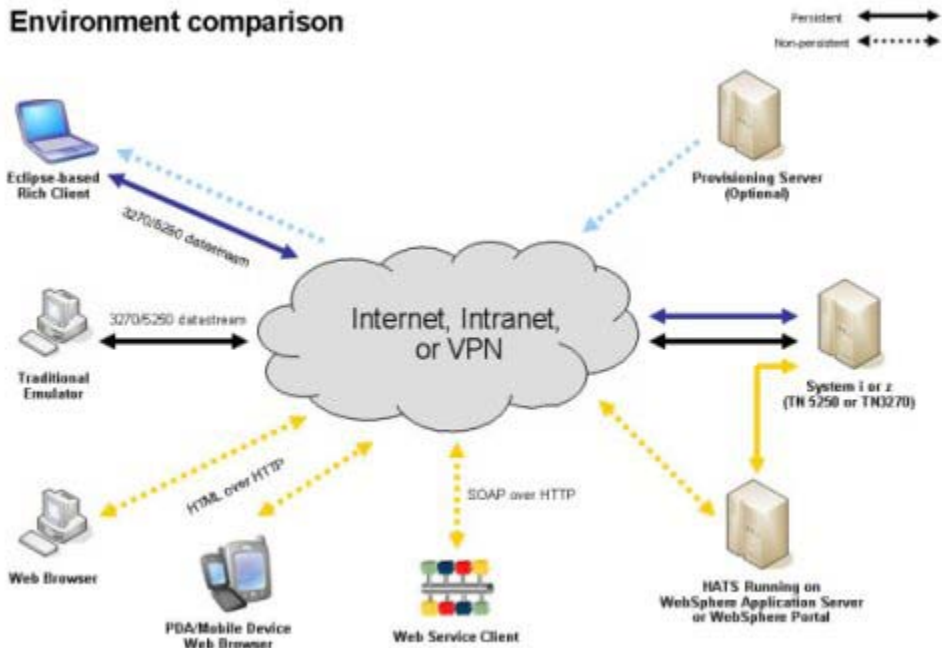
## Solution

The company's goal was to migrate all the important transaction screens (5250 iSeries) into modernize web based application in the form of rich looking web pages for their clients, so that the medical care services application becomes simple to expand their medical care system. Royal cyber worked with **IRMC** for converting 5250 screens using IBM HATS technology. Previously in 5250 screen, for every transaction they have to navigate across multiple pages, now after transforming into HATS all the multiple pages are converted as a single page in the form of Tabs. Royal Cyber has worked on all the complex HATS technology like custom Widgets, Macros, Looping macros, Advance macros & handled host iSeries sessions etc to make the 5250 screens more efficient and attractive. Irrespective of all above functions, we have also made this application work on cross platform means browser independent.

Royal cyber worked on one major phases with **IRMC** for the HATS transformation of the medical care services. Now the application has been migrated into web based and it is simple to use and also faster as iSeries system.

One of the threatening challenges for Royal Cyber Inc to develop the hospital management system of **IRMC** is performance & robustness. As, the medical care system is customer services centric application covers entire lifecycle of medical care system. To meet these kind challenges, we have followed latest IBM design patterns & strategy to cop up with sort of grave issues.

### Environment comparison



### Conclusion

**IRMC** is very contented with the new HATS implemented application in terms of cost, performance, process and adaptability of the Royal Cyber's consultants & they are willing to continue our services & consultancies in future too.