



## Rajiv Gandhi Cancer Institute and Research Centre

A Unit of Indraprastha Cancer Society  
Registered under "Societies Registration Act 1860"

Industry: Healthcare

Location: Delhi, India

Rajiv Gandhi Cancer Institute (RGCI), a comprehensive Cancer Care set-up is among one of the Asia's leading Cancer Institute. It avails facilities for diagnosis and treatment of all type of cancers. The highly qualified and experienced oncology team has been providing high-quality diagnostic, treatment and multi-disciplinary care for cancer patients for the past 16 years. Being the recipient of Genentech Environmental Excellence Award 1999 & Golden Peacock Award for Environment Excellence 2000 focuses on diverse segments of onco-care.

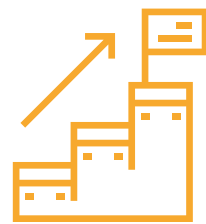
## KEY CHALLENGES

- Streamline IT access for clinicians
- Desktop virtualization represented a new technological challenge for the IT group
- Seamless access to the application with minimum bandwidth consumption

## PRODUCT DEPLOYED

HyWorks: For VDI and Virtual Application Delivery

HyDesk: Zero client & thin client hardware



## CHALLENGES

The need for data software for doctors is different from that of others. It is important that doctors spend as much time as possible on patients and hence it is imperative that they spend less time in managerial aspects of the job. An ease of data storage and retrieval can go a long way in making this possible.

It is very important to make error-free decisions in a quick period. Thus, complex data storage and difficult retrieval mechanisms can be detrimental to an optimal performance for doctors.

Traditional systems require RGCI to search for records and to recover medical records and hospital management from off-site storage. RGCI was using various useful billing applications which were installed on the doctors' and the user's PC across the research center. This made it difficult for the doctors as most of them had a roaming profile and had to attend patients throughout the research center. With the new solution, RGCI wanted to:

- Reduce desktop management headaches
- Deliver the application in the doctor's hand via mobile devices
- Optimize data efficiency and integrity
- Consolidate all applications in the datacenter and deliver the applications from central server
- Balance the soaring cost of hardware and the demand for data security

Data security is a threat with any growing technology. Several solutions were being looked upon that aimed to provide better granular control over access to networks and applications by leveraging identity information.

It was important to provide a consolidation of all applications in the datacenter against a tight policy control. It needed to also support number of users over thin bandwidth and was compatible with RGCI's Thermal, LaserJet, and Dot Matrix Printers.



## REQUIREMENT

## BENEFITS

- Reduced complexity
- Improved ease of management
- Cost optimization for Application Delivery & Installation
- Improve security and operational efficiency



## SOLUTION



## BUSINESS BENEFITS

After critical evaluation of several alternatives, RGCI chose to virtualize their desktop and applications using Accops HyWorks.

The Virtual Desktop is a tightly controlled environment and is accessible through client software installed directly on an endpoint, which presents the desktop to the user and allows them to interact with using a keyboard, mouse, touchscreen, and peripherals. This optimizes the bandwidth to 50% per live user with Accops Solution.

Using HyDesk to access HyWorks desktop makes users obtain seamless experience to windows platform. Data protection is ensured as users have to now authenticate on HyDesk portal to get authorized access to the applications. Accops thus enabled security and performance optimization via virtualization, enhancing the user experience.

RGCI was able to centralize all its operations through virtualization which has helped it in

- Managing end users from a central location
- Improving accessibility to mission-critical applications
- Eliminating all endpoint administration tasks
- Generating up to date and accurate Business reports due to data consolidation from central server
- Optimizing performance and decision making

Additionally, virtualization allows RGCI to isolate different applications. RGCI has removed Windows desktops (XP) and has given Accops HyDesk which is a Hybrid client to its end users optimizing the IT cost.



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