

Case Study: Manipal Group Optimized IT Infrastructure with Cyfuture



EDUCATION



HEALTHCARE



RESEARCH

The Manipal Group of Companies is a major Financial and industrial group in South India, with its activities spread across financial services, manufacturing, healthcare, education and research. The group enjoys a wide presence across diversified geographies

BUSINESS NEED

The Group lacked a standardized and unified IT environment and wanted to host their IT infrastructure in an efficient data center equipped with state-of-the-art commercial, in National Capital Region (NCR), India. Their major challenge was to optimize IT infrastructure, while finding ways to increase bandwidth and reduce data loss risk as well as total cost of ownership.

BUSINESS SOLUTION

Cyber Futuristics performed a detailed analysis via tested processes and tools. The Group lacked redundancies and a robust data backup. Servers were under capacity to cater to their ever evolving business requirement, leading to loss of competitive advantage. On the basis of analysis and focused on optimization of the client's IT, we offered to host their complete technology infrastructure in our worldclass Tier III Data Center located in Noida, with:

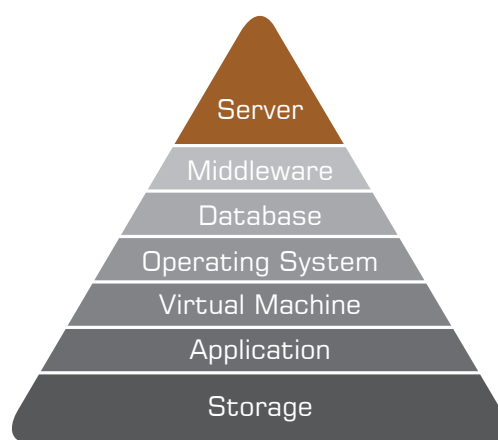
(A) Business Continuity Plan, including Dedicated Server with Disaster Recovery

Risk Assessment & Analysis

Our team of experts conducted risk assessment to determine operational and financial impact of a potential disaster or disruption as well as the assets at risk; including critical IT systems and infrastructure.

Recovery Strategy

A detailed business impact analysis helped us plan, design and automate a performance driven disaster recovery plan, focusing on restoring key IT components: servers, networks, applications, database, OS, virtual machine, data storage and connectivity to improve operational efficiency across your infrastructure.



Business Continuity Plan (BCP) for Disaster Recovery

SOLUTION OVERVIEW

Organization: The Manipal Group

Industry Vertical: Education

Country: India

Organization Profile:

The Manipal Group of Companies is a major Financial and industrial group in South India, with its activities spread across financial services, manufacturing, healthcare, education and research.

Business Challenge:

The Manipal Group required hosting their IT in an efficient data center equipped with state-of-the-art commercial in NCR (India), increase bandwidth & reduce TCO

Business Solution:

Cyber Futuristics offered the Manipal Group:

- IT Hosting in Tier III data center in NCR
- BCP with dedicated server & disaster recovery
- Dedicated Bandwidth
- P2P Leased Line

Benefits:

- A shift from costly, inefficient IT environment to an optimal, responsive IT infrastructure
- Improved business continuity plan for Disaster Recovery
- Rich functionality of IT resources & efficient management
- Elimination of unnecessary cost and complexities
- Increased bandwidth; up and running network

(B) End-to-end solutions spanning across:

Dedicated Bandwidth

We leveled dedicated server bandwidth to let the Manipal Group upload data on their websites quickly, while offering their visitors a fast download time, with no slowdown of response during peak hours. This helped us to offer them increased resilience, flexibility and responsiveness to their business needs.

P2P Leased Line

We deployed point-to-point (P2P) leased line for an efficient transportation of data and traffic. Since the Manipal Group receives large volumes of traffic on a regular basis, it was highly imperative for them to have high network uptime & bandwidth. With an aim to offer world-class managed Internet access and experience, we went further with high bandwidth leased line connections, serving as a platform to drive agility.

Our service is available with a fixed fee for a fixed duration and service capacity, leading to large cost efficiencies. And levels of service are tailored to the specific needs of the business.



Cyber Futuristics Data Center delivers integrated management of IT infrastructure, applications and services. It deploys cutting-edge technology to ward off any component failure and offers uninterrupted power backup comprising power supplies, gas and turbine energy. The backup systems are fully N + 1 redundant across the systems.

BUSINESS RESULT

Cyber Futuristics helped the Manipal Group to set up an optimized, flexible, manageable and integrated IT infrastructure aligned to its business imperatives, resulting into:

- **A shift from costly, inefficient IT environment to an optimal, responsive IT infrastructure:**

Cyber Futuristics provided a holistic approach to resolving critical IT challenges around network, data security, and bandwidth management, leading to responsive IT.

- **Improved business continuity plan for Disaster Recovery**

Our fully equipped disaster recovery plan kept the client's business up and running against any potential interruption; be it power failure, IT system crash, natural disasters, etc.

- **Rich functionality of IT resources & efficient management**

IT optimization allowed the Manipal Group to respond rapidly to its ever evolving business priorities and align its IT infrastructure with its organizational goals, thereby accelerating the business results.

- **Elimination of unnecessary cost and complexities**

The combination of our cutting edge technology and expertise helped them reap lowest operational & capital costs, leading to rich functionality and a reduction in operational, structural complexity.

- **Increased bandwidth; up and running network**

The Manipal Group experienced a better flow of traffic on its website owing to high bandwidth and an always running network.

Cyber Futuristics technology serves as a key for us to run an advanced data center, which truly transformed the way we facilitate, operate & manage our IT infrastructure. Now we have high resilience to our active data as well as improved data resolution too!

The Manipal Group

THE CONCLUSION

Cyber Futuristics helped the Manipal Group with successful execution of an optimal business continuity plan for optimization of their IT and disaster recovery platform. As a leading provider of data center solutions and cloud solutions to all size businesses, we are committed to bringing clients the benefits of running their servers at peak performance and reduce overall costs, since our inception 14 years ago.

Cyber Futuristics is ISO 9001:2008 and ISO 27001: 2000 certified IT company with strength of 500+ dynamic professionals specialized in [Data Centre](#) and [Cloud Hosting Services](#).

Know more about Cyber Futuristics India Pvt. Ltd. at <http://www.cyfuture.com>