



## Success Story

# Avocent's Infrastructure Remote Management Solution Helps MindTree™ Limited to increase productivity and efficiency

### About MindTree Limited (MindTree)

MindTree Ltd. is a global IT Solutions Company specializing in IT Services; Independent Testing; Infrastructure Management and Technical Support (IMTS); Knowledge Services; and Product Engineering, which comprises of R&D Services and Outsourced Product Development. MindTree partners with its clients to create a transparent, value-based relationship.

MindTree was named among the top 30 offshore service providers by the International Association of Outsourcing Professionals and Fortune Magazine. Widely known for its focus on human capital development, MindTree has been consistently rated among the most admired employers by several industry surveys, including Great Places To Work Institute, Hewitt Associates and Mercer.

MindTree was ranked No. 1 among the Most Admired Knowledge Enterprise (MAKE) India Award winners in 2008 for the second consecutive year. MindTree was the winner of the National Award for Excellence in Corporate Governance in India in 2007-08. The company is publicly listed in India.

### Data Center Environment

Before implementation of Avocent's solutions, all of MindTree's servers in various data centers were connected with analog KVM switches and the network device's console access had to be physically accessed. It was becoming an uphill task, especially because there were about 300 mission-critical production servers and network devices which came in a myriad of platforms.

#### Challenge

- Remote access to critical production server and network device/console
- Need to increase efficiency and productivity of engineers
- Different myriad of platforms

#### Solution

- Avocent's solution helped MindTree increase productivity of remote infrastructure management

#### Results

- Gained IP-based remote access to servers and network devices
- Increased overall data center manageability and flexibility
- Increased productivity and enhanced efficiency

### Profile

#### Company

MindTree Ltd.

#### Location

Bangalore, India

#### Type of business

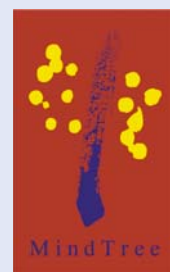
Technology

#### Web site

[www.mindtree.com](http://www.mindtree.com)

### Applications

- CCM 850 console management appliance
- Cyclades® ACS 16-port advanced console server
- DSR® 1021 KVM over IP switch
- DSR 2010 switch
- DSR 2020 switch
- DSR 2030 switch
- DSView® 3 management software



**“Avocent's solution has helped us to increase the productivity of the engineers to manage the network infrastructure remotely by being at their desk. Furthermore, it has helped us to reduce the cabling requirement for servers as compared to regular analog KVM switches.”**

Ramesh Kumar T  
Associate Director IS  
MindTree Limited

## Key Challenges

As most of MindTree's operations are carried out from its central location, remote access to the critical production server and network device's console was a key concern. In addition, there was a need to increase the engineer's productivity and efficiency as data centers are located across different campuses in Bangalore and Chennai. MindTree's administrators needed a solution that allowed them access to the servers/network devices through secured means, which was over SSL-based web access and remote dial-in access.

## Why Avocent

After a series of evaluations of remote access management solutions from different vendors, MindTree decided to invest in Avocent's remote infrastructure management solution to increase efficiency of their team and productivity of their site.

The Avocent solution has helped MindTree to gain IP-based remote access to servers and console access to network devices. This centralized management approach, through Avocent's DSView® 3 management software solution, increased overall data center manageability as the administrator is able to have the flexibility to remotely access the required devices through the browser-based application.

## How MindTree Benefitted

Ramesh Kumar T, Associate Director - Infrastructure Management of MindTree, reiterated some key benefits that Avocent's solution has brought to their organization.

- Avocent's remote management solution enables remote OS/application installations.
- Accessibility and manageability is made easy because troubleshooting can be done from the operating system right down to the BIOS level.
- Efficiency and productivity of support engineers increased because a physical presence was no longer needed.

Avocent's serial console server and remote IP-based switching solutions enable MindTree to leverage the IP connectivity and security models in their network.

Avocent's centralized management solutions eliminate distance limitations by allowing access and control of servers and other network devices from the desk, the NOC or any location in the world.

## Deployment

With the Avocent DSR 2010/2020/2030 switches, CCM appliances, Cyclades ACS advanced console servers and the DSView 3 software, MindTree is utilizing remote console management for servers and serial devices at their sites in various locations, both remotely and for local console access.

## About Avocent Corporation

Avocent delivers IT infrastructure management solutions that reduce operating costs, simplify management and increase the availability of critical IT environments 24/7 via integrated, centralized in-band and out-of-band hardware and software. Additional information is available at: [www.avocent.com](http://www.avocent.com).