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## R&M Answers LSI's End-to-end Networking Needs

**With its rapidly expanding business, LSI Corporation India is aiming to become an integral part of the international Group. To cater to this demand the company planned for a bigger establishment – one that would enable them to meet new business requirements and also house an expanded workforce. All this was not possible without a strong end-to-end networking solution. For this, LSI trusted R&M with its unique high frequency cables and zero halogen connection modules, coupled with the color coding security feature.**

LSI Corporation is a leading provider of innovative silicon systems and software technologies that enable products which seamlessly bring people, information and digital content together. LSI Corporation was founded under the name LSI Logic in 1981 in Milpitas as a semiconductor ASIC company. The company

offers a broad portfolio of capabilities and services including custom and standard product ICs, adapters, systems and software that are trusted by the world's best-known brands to power leading solutions in the storage and networking markets.

The new building is six stories high and is spread across two hundred thousand square feet. From a networking standpoint, this new building – with 8541 nodes, a massive data center with 90 server racks, and a large testing lab – intends to become the hub for LSI's global operations.

### WHY R&M?

- **Constant interaction with LSI on design, supply and installation**
- **Unique products especially for I/Os and cables**
- **The color coding feature was the focal point**

### FACTS AND FIGURES

- **Cat. 6 solutions all with color codes**
- **Hinge dust covers**
- **Cat. 6 UTP cable – 249 000 m**
- **Cat. 6 I/O**
- **OM3 fiber cables six-core and 12-core – indoor/outdoor**
- **LC connectors**

LSI was looking for a vendor that would take care of the supply of end-to-end networking needs. Joseph Thomas, Head of Workplace Solutions Asia Pac at LSI said, "We were looking for a partner who has the expertise to deliver a complete solution involving design, products and installation and we found this capability in R&M. The R&M team was responsible for interacting with various installation partners to execute a solution that is compliant with global standards."

The products delivered to the customer included the OM3 cables for the backbone. These cables were able to achieve 10Gb Ethernet performance which today has become a basic requirement for most customers. High bandwidth cables and toolless connection modules (I/O) ensured better connectivity for the network and also made sure that the project timelines were met by minimizing the time required for termination. R&M, from a security side, had recommended that the client use external color coding, one that can be adapted to any system and one that would nullify the downtime involved with installations. In data centers, unused ports are often left exposed to dust and other foreign particles. R&M was able to counteract this by installing hinge dust covers. These covers help seal RJ45 jacks on the outlet and on the patch panels when unused. ■

*The LSI building*



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