

CASE STUDY



Beijing TV Station

Background

The Beijing TV Station is one of the most beautiful landmarks in the central business district (CBD) of Beijing, China. It is defined as the 60th most important project in Beijing, covering an area of 36,000 square meters with a building area of 197,000 square meters.

Business needs

This architectural icon houses an office complex, a multifunctional studio center, a leisure center and a spacious basement parking lot. As can be expected of such an ambitious development, the smooth administration of the site has required the deployment of an extensive communications network. This consists of three interrelated but independent components: a data and voice network, an internal communication network and an additional network system with exclusive technology. Each three internal networks consist of multiple applications, which provide support to several digital, data communications, multimedia technologies and information management solutions.

Solution

Managing the system's 20 communications rooms, 16,000 ports, 100 cabinets and countless individual network components is not easy. BTV's IT staff chose to deploy RiIT's PatchView™ intelligent infrastructure system (IIM) solution to ensure maximum control, efficiency and value. The most complex challenge faced by BTV's IT department was to automate the management of the connectivity of its three independent network systems. These include its data and voice network, internal communications network and additional network system, each of which utilizes multiple applications and disparate hardware platforms. Realizing the high cost of manual management in terms of potential for human error and downtime, BTV turned to RiIT for a comprehensive solution that would centralize and automate control of its entire infrastructure.

Solution benefits

RiIT's Patchview IIM solution brings a state-of-the-art combination of copper and fiber-optics components. These supported 10GBase-T protocol and included Multi-Mode fiber for horizontal cabling, along with Category 6 UTP to support 1Gbps applications. Together with additional PatchView elements, the system provided BTV with a highly sophisticated solution that blended quality cabling products and advanced IIM active devices (such as PatchView Master and PatchView Scanners) and intuitive RiIT software.

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Quote:

Two years after BTV deployed RiIT's solution, one of its IT managers analyzed the benefits that the company has gained from use of the system: "With the cutting edge technology of RiIT's IIM solution, we have established a platform that smoothly integrates all our organizational networks into a single highly controllable unit. The result of this is an effective, easy-to-operate system that takes good care of our complex infrastructure automatically, freeing us to concentrate on other critical tasks, such as strategic planning."

About RiT Technologies

RiT is a leading provider of intelligent network and infrastructure solutions.

RiT's advanced solutions provide organizations and carriers with everything they need to centrally manage infrastructure assets and networked components for highly effective planning, implementation and operational control, improved reliability and rapid ROI.

Delivering sophisticated features such as auto-discovery and real-time analytics across the infrastructure without interfering with network traffic, RiT transforms traditional network architecture into intelligent scalable infrastructure.

RiT Enterprise solutions address datacenters, communication rooms and workspace environments, ensuring maximum utilization, reliability, enhanced uptime, physical security, automated deployment, asset tracking, and troubleshooting.

RiT Environment and Security solutions enable companies to effectively control their datacenters, communications rooms and remote physical sites and facilities in real-time, comprehensively and accurately.

RiT Carrier solutions provide carriers with the full array of network mapping, testing and bandwidth qualification capabilities needed for access network installation and service provisioning. They are ideal for NGN access network migration, digital services qualification, and access network maintenance.

RiT solutions are deployed around the world, in a broad range of enterprise and carrier environments, including: enterprises, branch offices, government agencies, financial institutions, airports, medical institutions, datacenters, and world-leading service providers.

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