Energy Giant Optimizes IT Strategy

MOEK creates cost-effective, secure, and scalable platform for growth.

CISCO

Customer Name: Moscow Integrated Energy Company

Industry: Utilities

Location: Moscow, Russia

Business Impact

· Remote sites can be connected faster and more cost-effectively

· Simplified vendor relationship model

· Replicable model can be easily extended to new sites

Case Study

Business Challenge

One of the world's largest combined energy companies, the Moscow Integrated Energy Company (MOEK) leads the Russian heat and power sector. Citizens depend on it for central heating, hot water, and electricity. More than 70 percent of the capital's population relies on its services, along with hundreds of companies and other organizations. In all, the company serves over 45,000 buildings.

In the past, new sites had been connected by laying dedicated fiber-optic cables, or by splicing together existing fiber-optic channels. This approach generated administrative complexity for MOEK. It also created confusion among service providers over areas of responsibility, in turn causing disputes and needlessly high costs.

Rapid expansion left MOEK looking for a lower-cost and more flexible way of connecting 230 remote sites to the company's new unified corporate network.

Solution and Results

Using Cisco® Borderless Network Architecture, MOEK developed a secure VPN cloud. The solution, comprising Cisco 2800 Series Integrated Services Routers and Cisco ASR 1000 Series Aggregation Services Routers, allows users to connect to the VPN via the Internet, while helping ensure complete privacy and integrity of data.

Remote users can access the same services as office users through dedicated VPN channels. The solution incorporates a redundant design, allowing continued availability of services even in the event of one of the routers breaking down.

MOEK now benefits from smooth connection to the corporate network at sites not served by its main service provider. This setup eliminates dependence on secondary providers, cuts operational costs, and provides consistent, reliable services. New sites can be provisioned within hours. The company no longer has to wait for the main provider to lay communication lines, or to agree joint contracts between service providers. Following the success of the project, MOEK plans to extend the solution to 30 additional sites.

МОЭК

"The large number of new offices meant that laying new cables became cost prohibitive. Our Cisco VPN cloud solution has solved these problems very effectively and saves us money."

Ivan Ananich
Chief Deputy of 17th Affiliate of the IT center, MOEK

For More Information

To find out more about Cisco Borderless Network Architecture and solutions, please visit: www.cisco.com/go/borderless