



MODEC, Turns to Accudata Systems, Inc., for Global Network Overhaul

Customer Profile

Founded in 1968, Tokyo-headquartered Mitsui Ocean Development & Engineering Co., Ltd, (MODEC) is a world-leading general contractor specializing in the engineering, procurement, construction, and installation of floating production systems for the offshore oil and gas industry. The company employs approximately 1,500 professionals and has additional offices in Houston and Singapore, as well as regional offices in 10 countries.



Situation

When your business is designing oil and gas platforms ranging from \$350,000-\$1M built in as few as 18 months, every hour is measured in real dollars. So when MODEC's existing network couldn't support the company's current needs or its ambitious goals, it was time for a change.

MODEC needed a highly available, redundant, scalable infrastructure that could provide the advanced services the company required to improve efficiency, productivity and ROI. Additionally, this new solution would have to seamlessly integrate with the company's recently installed Microsoft Exchange Server environment.

Having worked with Houston-based Accudata Systems, Inc., previously, MODEC turned to the company once again for a comprehensive network overhaul. The Cisco Premier Certified Partner founded in 1982 and employing approximately 100 employees offered MODEC the experience and expertise the company was looking for.

Solution

Accudata Systems began implementation in late 2005, ensuring a dynamic, high availability, globally scalable infrastructure, by installing Cisco 3845 series routers tied into redundant Cisco 4500 series switches. This provided the foundation for a fully meshed and highly redundant wide area network (WAN) solution, allowing all three of MODEC's corporate sites to function as disaster recovery offices, and giving each remote office—including the production floating vessels—redundant connectivity back to the corporate offices.

Accudata Systems implemented Cisco Unified Communications to centralize and standardize MODEC's entire phone system, empowering the company to send voice across its WAN, rather than using expensive point-to-point technology or paying for expensive international calls. Accudata Systems integrated Cisco collaboration solutions, including Unified Communications Manager, Cisco Unity, and Cisco Unified MeetingPlace that allow MODEC employees globally to communicate where, when and how they prefer.

Finally, Accudata Systems deployed Cisco's Adaptive Security Appliance (ASA) 5500 Series for intelligent threat defense and secure communications services that stop attacks before they impact business continuity.

Results

MODEC is now realizing the many benefits of its Accudata Systems-implemented Cisco solution integrated into its Microsoft environment.

"Whereas it used to take our engineers three or four weeks to share and approve drawings, we now have Web meetings in which we share the document and make changes live in an hour or two," says Ed Flavin, Chief Information Officer, MODEC. "This alone has added hundreds of thousands of dollars in man hour costs to our bottom line."

Flavin adds that employees of all disciplines throughout the company are using the Cisco solution to collaborate in new and more effective ways.

"Functionality like forwarding voicemails and emails to a single inbox and launching audio conferences directly from chat sessions have directly improved productivity and efficiency companywide," Flavin says. "Even little things like being able to use MeetingPlace to call into early morning conference calls instead of coming into the office, and seeing who's calling directly on your monitor instead of stopping what you're doing to look at your phone add up."

Flavin says he is pleased with Accudata Systems and Cisco, and that the company's new solution is performing exactly as expected.

"I highly recommend Accudata Systems and Cisco," says Flavin. "They've been professional throughout and I wouldn't pick another partner."

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