

PENETRATION TESTING FOR AN INTERNATIONAL ENERGY COMPANY



THE CHALLENGE

To meet regulatory compliance requirements, the energy company needed to prove that its Supervisory Control and Data Acquisition (SCADA) systems and Industrial Control Systems (ICS) are secure and cannot be easily exploited.

With so many other projects in the works, this project almost fell between the cracks and had to be completed within a very short timeframe.

THE SOLUTION

Hitachi Systems Security Inc.'s certified security consultants performed a penetration test to evaluate the systems' capacity to resist hostile attacks and find out whether the identified vulnerabilities could lead to further intrusion or exploitation.

By simulating a real attack against the company's infrastructure in a controlled environment, our consultants were able to identify what's wrong, work closely with the company's IT team to fix these issues and present findings on how to better secure their systems going forward.

THE RESULTS

Thanks to Hitachi Systems Security Inc.'s penetration testing service, the energy company was able to:

- fix its system vulnerabilities within a short timeframe
- improve its defense against vulnerabilities that can lead to intrusions, fraud and service interruptions
- protect confidential corporate and customer data
- meet its legal compliance requirements

Industry: Oil & Gas/Energy

Location: United States of America

Number of Employees: 2,000-3,000

Needs & Requirements:

Perform penetration testing on SCADA systems and ICS

- Secure internal systems against intrusions
- Meet regulatory compliance
- Report findings to executive team
- Complete mandate within short timeframe

"Hitachi Systems Security Inc. moved mountains for us. The penetration testing project needed to be completed within a timeframe that was sort of unrealistic, and Hitachi Systems Security Inc. made it happen.

It was an easy engagement, the rules of engagement were followed to the letter, the findings were clearly explained and the IT security language was clearly explained. Hitachi Systems Security Inc. was more accommodating and flexible than previous firms we've had, and we're planning to stay with the same group for our security needs."

— MANAGER OF SECURITY OPERATIONS AND CYBER THREAT INTELLIGENCE