OIL & GAS
Stronger security and simplified management of M2M communications

SITUATION

An oil and gas company wanted to simplify and strengthen its complex network and security technologies to better facilitate communications between its file servers, SQL Servers, terminal servers, and AS/400 servers across three different networks. Communication paths between the various devices were unencrypted and client endpoints were exposed, creating more security vulnerabilities. In addition, the company wanted to have granular control over remote access and streamline management.

CUSTOMER NEEDS

- Secure local and remote communications between disparate M2M devices and users across three different networks
- Ensure that device IP addresses are undiscoverable
- Reduce the complexity and time of managing secure communications
- Reduce the cost of securing parking payment kiosks

SOLUTION

Using the Tempered Networks' Identity-Defined Networking (IDN) fabric, the company has unified networking and security, providing encrypted communications between devices and networks. The solution cloaks networks and endpoints, making them invisible to unauthorized devices. The company can now exercise tight control over local and remote access down to the device level, and take advantage of simple orchestration. IDN has dramatically reduced the complexities associated with configuring firewalls and VPNs.

BENEFITS

- Communications between M2M devices and users are secure and encrypted
- Protected networks and assets are cloaked and invisible to unauthorized devices
- Local and remote access control is highly granular
- Deployment and management are dramatically simplified, reducing OpEx

Contact us to learn more about how we can help your business and get a no obligation demo.