

Effectively Linking People and Processes over Vast Distances



Cisco Enterprise Network enables gas company employees across 200 sites to work more collaboratively and efficiently

EXECUTIVE SUMMARY

Customer Name: Ukrtransgaz

Industry: Oil and gas

Location: Ukraine

Number of Employees: 20,000

Challenge

- Improve workflows and decision-making across highly distributed organization
- Maximize value from IT investment

Solution

- Cisco Enterprise Network delivering Cisco Unified Communications, TelePresence, and secure access to critical business applications
- Cisco Design Services and SMARTnet

Results

- Better access to colleagues, information, and IT services
- Greater collaboration and productivity using IP telephony and video
- Faster deployment of SAP and other centralized systems, managed with fewer staff

Challenge

Ukrtransgaz extracts, stores, and supplies natural gas for consumers in the Ukraine and 19 European countries. These highly-distributed operations rely on the efficient management of around 700 gas compressors, 70 compressor stations, and 36,600km of pipelines. The company also runs one of Europe's most extensive underground gas storage systems.

Increasingly, the oil and gas industry has started to realize the benefits of a holistic strategy, using the IT network as platform for driving business transformation. With this in mind, Ukrtransgaz decided to transform the business by implementing a SAP enterprise resource planning (ERP) system and redesigning its IT infrastructure, bringing together people, process, data, and devices so that networked connections would become more valuable.

"We saw the opportunity to improve decision-making and workflows," says Sergey Vinokurov, CEO of Ukrtransgaz. "That meant modernizing our network so it was fully optimized, not just for the SAP app but for voice and video too."

Solution

After considering options from leading vendors, Ukrtransgaz chose a proposal based on Cisco® Enterprise Networks technology. "Only Cisco could provide a solution with a complete end-to-end architecture and open standards," says Vitaliy Volosetskiy, CIO for Ukrtransgaz.

Built using Cisco Nexus® and Catalyst® Switches and ASR and ISR Routers, the new platform currently connects over 6500 users and 200 sites across the Ukraine. The solution includes Cisco ASA firewalls and IPS sensors for comprehensive protection of infrastructure, servers, and applications. Cisco Prime™ Infrastructure provides a single pane of glass for managing Cisco Wireless Controllers and associated wireless and wired devices.



“People no longer have to waste time searching multiple systems. Everything is stored in one place. And information is only accessed by the right people with the appropriate security clearance.”

Vitaliy Volosetskiy
CIO
Ukrtransgaz

Cisco Services supported the project with design validation and assurance of network standards. “Engaging Cisco Services helped minimize downtime and maintain continuous operations,” says Volosetskiy.

To safeguard its network investment, Ukrtransgaz purchased Cisco SMARTnet®. This award-winning service provides fast, expert technical support, flexible hardware replacement (based on next-business-day service level), and smart device diagnostics.

Results

By deploying Cisco Enterprise Networks architecture, Ukrtransgaz is well placed to take advantage of emerging trends such as mobility, bring-your-own-device, cloud, virtualization and the Internet of Everything. Using this platform helped the company accelerate the deployment of its SAP ERP system.

Networked connections have become more relevant and valuable in other ways. “Having a failsafe Cisco network allowed us to launch new services and centralize their delivery,” says Volosetskiy. “People no longer have to waste time searching multiple systems. Everything is stored in one place. And information is only accessed by the right people with the appropriate security clearance.”

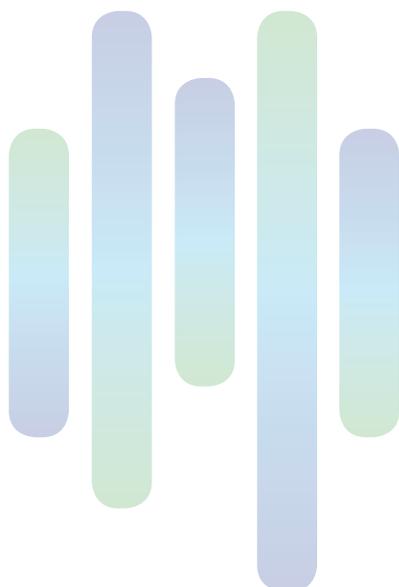
The introduction of Cisco IP telephony, initially to 1500 employees in seven locations, has made it simpler and faster to reach colleagues. Ukrtransgaz has also taken the opportunity to boost productivity further still with Cisco TelePresence®. “Video collaboration is very easy to organize,” Volosetskiy adds. “It’s helping managers make quicker decisions and more effective use of their time. And we are seeing significant cost savings from not having to travel.”

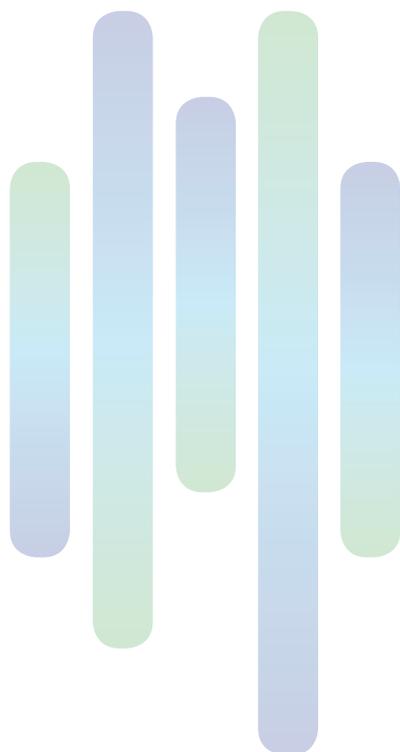
Other services that have been centralized using the Cisco Enterprise Network include Microsoft Active Directory, Microsoft Exchange, and Microsoft Lync, which are now being managed by less IT personnel than before. Finally, Ukrtransgaz is considering the potential benefits of new innovations, such as Cisco Medianet™ and Cisco Energywise™, which are already embedded within its Cisco Enterprise Network architecture.

For More Information

To learn more about Cisco Enterprise Networks, go to:
www.cisco.com/en/US/netsol/ns1015/index.html

For further information on Cisco Services, go to:
www.cisco.com/go/services





Product List

Routing and Switching

- Cisco Nexus 7010 Series Switches
- Cisco Catalyst 6500E, 3750X, and 2960S Series Switches
- Cisco ASR 1001 and ISR 3945E Series Routers

Security

- Cisco ASA 5585-X Series Adaptive Security Appliance
- Cisco IPS 4500 Series Sensors

Management

- Cisco Prime Infrastructure
- Cisco 5500 Series Wireless Controllers

Unified Communications

- Cisco Unified Communications Manager
- Cisco 7945 and 7965 Series Unified IP Phones

Video

- Cisco TelePresence EX-90 Series

Services

- Cisco Design Service
- Cisco SMARTnet



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