

Microsoft Forefront Security

Customer Showcase ISA 2006 Pilots

Infotech[®]
Caribbean

leveraging IT to create business value





ISA 2006 Firewall Upgrade National Gas Company of Trinidad & Tobago (NGC)

NGC is today a diversified group of companies with operations and strategic investments in gas pipelines, industrial sites, gas production, port and marine infrastructure, natural gas liquids and liquefied natural gas.

NGC and its subsidiary, NEC, provide an integrated 'one-stop-shop' approach to new investors seeking to locate their natural gas-based operations in the country, as well as support the overall group role of being the prime mover in gas-based development.

Upgrade Process:

- Pre-Upgrade tasks
 - Backup ISA 2004 configuration
 - Backup Logs
 - Backup cached files
- Run the ISA 2006 installation which detects and upgrades the current ISA 2004 installation
- Restart the ISA server
- Check the ISA 2006 Dashboard to ensure that all services are operational and there are no errors

Upgrade Outcome:

- All services restarted after the upgrade and reboot
- Minor modifications needed to maintain Web publishing and OWA publishing:
 - Enable forms based authentication on the OWA listener/ disable on the Exchange server
 - Enabled HTTP authentication on the Web Listener
- Firewall continued to service client requests as before the upgrade

Customer Feedback:

- Customer excited to take advantage of features such as:
 - Improved forms based authentication
 - Use of multiple certificates for website publishing
 - New and improved firewall rules and publishing wizards
 - New performance enhancing features such as improved caching and HTTP compression
- Plans to migrate to Enterprise edition for increased capacity and unlock greater functionality
- The similarity of the interfaces to ISA 2004 is a positive

"Upgrade was considered a success and the minimal downtime involved in the upgrade was considered a major benefit to the company. The new features of ISA 2006 will go a long way in improving our service delivery to our clients and the general public."

- Richard Bailey – Technical Analyst - NGC



CENTRAL BANK OF
TRINIDAD & TOBAGO

**ISA 2006 Firewall Upgrade
Central Bank of Trinidad & Tobago (CBTT)**

Central Bank's main responsibilities are to issue and redeem currency; maintain monetary and financial stability; act as banker to the government as well as the commercial banks and protect the external value of the TT dollar. Central Bank has been instrumental in the development of the Trinidad and Tobago financial system and continues to foster economic growth and development through sound and effective monetary management.

Upgrade Process:

- Pre-Upgrade tasks
 - Backup ISA 2004 configuration
 - Backup Logs
 - Backup cached files
- Run the ISA 2006 installation which detects and upgrades the current ISA 2004 installation
- Restart the ISA server
- Check the ISA 2006 Dashboard to ensure that all services are operational and there are no errors

Upgrade Outcome:

- All services restarted after the upgrade and reboot
- Surf Control – an ISA add-in – needed to be reinstalled in order for the service to register with ISA 2006
- Firewall continued to service client requests as before the upgrade

Customer Feedback:

- Customer excited to take advantage of features such as:
 - ISA 2006 Dashboard – allowing insight into the current state of operations of the firewall
 - Real time logging – allows better insight into monitoring and troubleshooting client issues
 - Client evaluating use of Microsoft Operation Management (MOM) as a server management and monitoring option – ISA 2006 has a management pack which integrates into the latest version of MOM (2005) which is a definite plus
- The interface of ISA 2006 is much more intuitive than that of ISA 2000

"ISA 2006 is an excellent product. Its new interface and features will definitely make it an integral part of CBTT's environment".