

Network Security Solution at High Education Organization

Customer Overview

One of the oldest and biggest High Education Organizations in the Gulf area, with more than 200,000 student, and more than 20,000 employee.

It is considered one of the distinguished educational organization in terms of the number of students, the number of scientific and theoretical fields of study and the exclusiveness of certain specializations such as Seas Sciences, Geology, Nuclear Engineering, Medical Engineering, Meteorology and Aviation and Mineralization

Our customer, not only has the regular students program, but it also, has the external program to make it easy for all students to get higher education. It also established the Deanship of Distant Teaching to cope with the development in learning and teaching technology.

Business Challenges

- Our customer needed to revamp their old legacy security solution and migrate to a Next-Generation Security Technologies, to face the overwhelming increase in attacks and the un-controllable change in attacks methodologies.
- The challenge was in migrating this huge number of users to the new Access-Control system to ensure that the users are compliant with the Organization Policy, taking into consideration the various types of Operating Systems of the users' machines, tablets, mobile handset who should be authorized to access different resources of the IT services of the Organization.
- Another challenge was found in migration the old legacy perimeter internet Firewall to Next-Generation Firewall that has different syntax and thousands of security policy statements.
- The migration in such environment MUST stick to keening on having minimum down times, and ensure at all stages the quality of all the migrated services, in terms of keeping it secured and with no impact on the production.

How We Helped?

In this project our Team worked offline to develop the Low Level Design & Network Migration Plan that ensure:

- Applying the best practice in deploying each component of the security solution.
- Having smooth migration with minimum planned down time.
- Simplicity of the design.

Next stage, our consultants have developed an Acceptance Test Plan (ATP) document that includes all the tests to be conducted after the implementation to declare that the solution has been implemented as per the design. Then, implementation was done by CONNECT-PS experts in a predefined phases with clear milestones to ensure smooth migration and quality of delivery.

Benefits for Business

We has assisted the customer to gain the following benefits:

- Ensure confidentiality, integrity & authenticity of data access.
- Availing a full internet traffic visibility which helps in future decision making.
- Simplifies mitigation and isolation of attacks.
- Realize ROI by deploying Next-Generation Security solutions.

Products List

Cisco Security Solution

- Cisco Identity Service Engine
- Cisco Next Generation Adaptive Security Appliance 5585-X
- Cisco SourceFire module with Power services.
- Cisco SourceFire Defense Center FS750
- Cisco Next Generation Adaptive Security Appliance 5585-X for VPN termination.
- Kiwi Syslog Server

Cisco Mobility Solution

- Cisco Internal & External Wireless Access Points
- Cisco Wireless Controllers

Cisco Switching Solution

- Different Cisco Switches Models

For More Information

To find out more about our services, please visit our web site: www.connectps.com