

Cisco UC and Telepresence

Our Customer implements a network and data center infrastructure for its premises in Sinai. Additionally, Our Customer implementing Cisco Unified Communication and Telepresence endpoints to expand the reach of the university's offerings and to deploy the right solution to connect its students, faculty, and staff.

Customer Overview

Our Customer is a private university in Sinai, Egypt. It was established in 2006.

The significance of establishing a university, including research centers, especially in the North of Sinai, is not only due to the lack of such universities in this area but also to the special importance of having a world-class education to support the economic development of the region and to tie the Egyptian economy to the changes and to help transform the international economic system in the 21st century.

Business Challenges

- Builds state-of-art network and data center infrastructure to enable the intelligent educational process within the campus.
- Increase access to educational programs for higher education and graduate students and connect academic leadership in real time, develop blended learning programs to enhance learning.
- Increased student opportunities and familiarity with technology expanded course offerings saved funds on the time and cost of travel.
- Provide collaboration and communications capabilities to dispersed infrastructure solutions firm and its partners in order to maximize efficiency and productivity.

Solution

We worked closely with our customer team to plan, design and deploy the network and data center solutions for their new campus in Sinai. The network was built on Cisco 6807 switches as core switches aggregating the several network segments as well as Cisco Unified Computing B-series system providing superior computing power to support the educational applications.

Cisco Unified Communications manager is the core of Cisco Collaboration portfolio infrastructure, Cisco Unified Communications Manager is a unified communications call control platform that can deliver the right experience to the right endpoint.

Cisco Unity Connection robust unified messaging and voicemail solution provides users with flexible message access options keeping the Users Mailboxes with redundancy deployment.

Cisco Unified IM & Presence deployed to provide presence status for users and the user's contacts, Instant Messaging, listen to user's Voice Mails and easily showing colleagues presentations and controlling others desktops.

Cisco Expressway offer users outside firewall simple, highly secure access to all collaboration workloads, including video, voice, content, IM, and presence. Collaborates with people who are on third-party systems and endpoints or in other companies. Helps teleworkers and Cisco Jabber mobile users work more effectively on their device of choice.

Cisco Voice Gateways for terminating PRI with local telecom for calling facilities.

Benefits for Business

High availability and high performance LAN and DC

- Using Cisco's solutions and design as well as implementation best practices, we have deployed a highly available network and Data Center solution provides the performance metrics that match the current and anticipated needs of our Customer

Simplified Lifecycle Management

- To continue to grow the business efficiently, mitigate risk of downtime, and remain competitive by embracing new capabilities beyond just voice, we needed to transition a SIP-based unified communications and customer care solution.

Collaboration

- Improved experience for the educational process.
- Teams are able to collaborate and work effectively across cultural, time and geographical boundaries to drive the business forward with greater pace and improve customer understanding.
- Greater productivity through effective collaboration between employees, partners, students and staff.
- Business agility, including speed to market, improved by building a new network which is seen as the platform for growth and new rich media services.

Product List

- Cisco 6807 switches.
- Cisco 2960X switches.
- Cisco UCS B-Series Chassis.
- Cisco 6248 Fabric Interconnects.
- Cisco MDS 9148S SAN switches.
- Cisco UCS Server BE7K
- Cisco Unified Communication Applications
 - Cisco Unified Communications Manager
 - Cisco Unity Connection
 - Cisco Unified IM & Presence
 - Cisco Expressway
 - Cisco Jabber
- Cisco Unified IP Phones 69XX, 78XX, and 88XX series.
- Cisco Telepresence endpoints DX
- Cisco Voice Gateways 29XX

Next Step

Our Customer looking for ways to expand video usage and more programming. For low-enrollment courses, adopting Telepresence that meets student needs, no matter the demand, and keeps professors employed while minimizing spending.

For More Information

To find out more about our services, please go to: www.connectps.com