

CENTRO PAULA SOUZA CEETEPS

Smart, secure and high-performance network for the best communication services.

“Alcatel-Lucent Enterprise's Communication and Network solutions have proven to be great allies in our daily lives, making it easy for all users to connect and interact. All this under precise monitoring of the IT team.”

Ruben Pimenta, IT Director

The Paula Souza Center (CPS) is an autonomous educational agency of the São Paulo State Government and is linked to the Secretariat of Economic Development. This institution serves 290,000 students in 300 cities with 223 technical schools and 73 technology colleges. It offers high school, integrated technical education and higher education, with over 200 technical and undergraduate courses for the industrial, agricultural and service sectors.

CHALLENGES

CPS wanted to update and standardize the LAN/WLAN network six years after the installation of the original solutions in the new headquarters of Centro Paula Souza, in São Paulo. At the time, the CPS network relied on: Alcatel-Lucent OmniPCX® Enterprise, Alcatel-Lucent IP 8128 wireless terminals, Alcatel-Lucent 4029/4039 Digital TDM devices, core and edge Alcatel-Lucent OmniSwitch® switches and Alcatel-Lucent videoconferencing.

The new project addressed the increasing demand for network services by upgrading the LAN/WLAN network to improve performance and support new technologies, platforms and protocols. In addition, the standardization of solutions was required to enable centralized management and maintenance.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniPCX® Enterprise
Alcatel-Lucent 8128 MIPT handsets
Alcatel-Lucent OmniSwitch® 6900-X72-F
Alcatel-Lucent OmniSwitch® 6960E-U28
Alcatel-Lucent OmniSwitch® 6860E-P48
Alcatel-Lucent OmniSwitch® 6450E-P48
Alcatel-Lucent OmniAccess® Stellar AP1101
Alcatel-Lucent OmniVista® 2500 Network Management System

WHAT MADE THE DIFFERENCE?

The superiority of Alcatel-Lucent Enterprise's offer of a complete and world-class solution combined with the best cost/benefit ratio won in the electronic bidding. The confidence in the proposed products and services and the support offered by the Business Partner were crucial to the project's success.

> TECHNICAL BENEFITS

CPS benefits from a more secure and controlled network with full visibility into operations and unified use policies. They also benefit from better core/distributed communications through the Short Path Bridging (SPB) protocol.

OmniVista NMS provides the entire network centralized management, and intelligent control of users, devices and applications. This enables quick and easy strategic decisions.

In addition, unique IoT containment technology enables the connection of any device in a secure and controlled manner.

> FINANCIAL BENEFITS

Total cost of ownership (TCO) is reduced thanks to optimized service, maintenance and training. The revolutionary architecture with distributed intelligence enables performance gains and increased availability and scalability. Plus, the system is ready for expansion when needed.

> USER EXPERIENCE BENEFITS

Users work better and faster because of the increased network performance, speed and radio coverage.

Also, unified authentication delivers a unique, easy-to-connect and secure experience for employees and visitors.

Customer Story

MARKET: EDUCATION

DEAL IMPLEMENTED: MARCH 2019

COUNTRY: BRAZIL

NUMBER OF USERS: 1600

COMPANY: CEETEPS

CENTRO ESTADUAL DE
EDUCAÇÃO TECNOLÓGICA
PAULA SOUZA