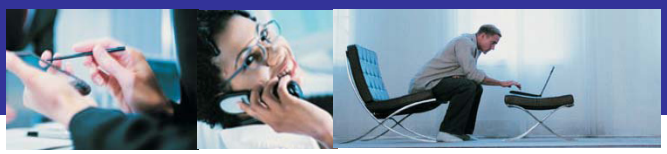

Customer Profile

A Novo Peru

Location

Lima, Peru

Industry Vertical

A Novo Peru is the Peruvian subsidiary of Anovo Group, a leading provider of logistics, maintenance, customization and after-sales services for Telecommunication and Multimedia products.

Scope

The goal of this project was to implement comprehensive WLAN at a mobile communication equipment repair facility. The primary objective was to collect real-time data to support testing processes and logistics in laboratories, offices, and warehouse, as well as mobile VoIP applications. The network had to be flexible to support future applications and initiatives, and robust to provide high-speed connectivity to users anywhere in the facility.

Challenges

Any system implemented needed to support a wide variety of end-user environments in a 24X7 enterprise. A Novo Peru's real-time testing applications were critical to their production process, so the solution had to guarantee high throughput on 802.11 a/b/g bands simultaneously. Also, the deployed system had to be able to support planned RFID and VoWLAN applications, with their very different requirements, without major modifications to the system. Finally, a user-dense production environment necessitated a network that could provide enough capacity that any user could associate anywhere in the facility.

Why Extricom ?

Prior experiences with sub-par WLAN performance led A Novo Peru to ask local technology solution provider ST Systems for alternatives. As Renato Carrera of ST Systems stated, "It was absolutely crucial to their business model that they have a stable network that they could count on to support multiple users and uses, without the complexity of other solutions. The Extricom WLAN was an obvious choice."

The Extricom Channel Blanket architecture was able to provide the capacity (end-user throughput) that A Novo Peru needed, without sacrificing coverage anywhere in the facility. Increased bandwidth from TrueReuse and the ability to meet strict security requirements were also factors in their choice. In addition, the zero-configuration APs meant that the system could be deployed much faster than comparable enterprise wireless solutions and could be adjusted "on the fly" to meet changing environmental conditions without a labor-intensive network reconfiguration.

Implementation Summary

ST Systems worked with A Novo Peru personnel to deploy a 24-port EXSW-2400 Extricom switch and 14 EXRP-20 APs covering a 2555 square meter building. The WLAN was quickly put into use for data collection and report generation from manufacturing/repair units, as well as for production flow control and optimization.

Current Status and Next Stages

The Extricom WLAN met or exceeded all of A Novo Peru's performance requirements, resulting in reduced costs and higher productivity. Planned next phases include extending user population, adding additional database application support, and implementing RFID logistics and VoWLAN phone system.

What the Customer is Saying

"As soon as we saw a demo of Extricom technology, we knew it was the platform that we needed for our facility. The ensuing implementation proved that the system had the flexibility to meet the organization's goals in terms of voice, data, and RFID support, while still ensuring the seamless coverage and higher throughput that the individual end-user requires."

Raul Flores
Research & Development Department
A Novo Peru