



“The biggest benefits are the increase in security, the simplicity of having a centralized solution and the elimination of downtime.”

– Omar Lira,
Assistant Manager for IT
IFB Certus

A Secure and Reliable Educational Community

Founded in 1995, IFB Certus is a leading technical and professional educational institution. IFB Certus currently has roughly 25,000 students spread across its 10 offices in the cities of Lima, Arequipa and Chiclayo.

The organization’s mission is to ensure that its graduates can achieve their life goals empowered by IFB Certus’ high-quality education. Thanks to its strong academic programs, IFB Certus can meet professionals’ demands for training in necessary skills by utilizing new technologies and relying on its solid team members and managerial capacity.

IFB Certus’ main challenge lies in maintaining stable operations and continuing to improve the value-added services it offers its educational community. To achieve this, information security and robust network services are critical. Seeking a partner to help them reach this goal, IFB Certus evaluated the quality, safety and cost-benefit of the technology solutions available in the market, then chose Fortinet to help it build on its successes and maintain high levels of IT service and support.

Creating A Stable, Secure and Manageable Network

“The main problem in our network was its complexity,” said Omar Lira, assistant manager for IT at IFB Certus. “We had a number of control devices for each location, creating a bottleneck in our data transmission and Internet services. Each request had to go through several devices, degrading and weakening the signal far more than necessary.”

Details

Customer: IFB Certus

Industry: Education

Location: Peru

Business Impact

- Simplified network management
- Reduced firewall administration time by 60 percent
- Eliminated \$48,000 annually in network equipment rentals

Products

FortiGate 1500D

FortiAnalyzer 300D

Administering the network was very complicated, demanding many hours and disproportionate resources while offering little in the way of centralized change management or planning capabilities. As a consequence, IFB Certus decided to design and implement a centralized architecture that organized, simplified and stabilized the network and increased efficiency across the board.

Fortinet's architecture, selected by IFB Certus in 2015, allows the organization to enjoy secure communication and consistent performance. The architecture boasts the minimal latency, increased response times, simplified firewall rules and significant security improvements, all while freeing up administrator time that had been used for repetitive jobs. Those employees can now invest their time in initiatives that create strategic value for the university.

IFB Certus' strategic growth objectives and focus on quality led it to begin its partnership with Fortinet – a trusted company with a broad product portfolio and the experience necessary to implement a new secure data network in a dynamic educational environment. Working together to implement a perimeter security system in the form of a high-availability firewall ensured that IFB Certus had an advanced, comprehensive and effective solution that directly benefited the majority of services within their educational community.

Simple and Accessible Security

Currently, IFB Certus uses Fortinet's high-availability FortiGate 1500D, which handles all Internet traffic. The next-gen firewall is capable of consolidating legacy firewall functions, intrusion prevention systems, application control, anti-virus and Web content filtering, all while maintaining a very high level of performance.

Consolidating security functions into a single device simplifies network management, maximizes network availability and reduces equipment ownership costs. Additionally, because of Fortinet's simple licensing model, the 1500D will be a versatile investment as IFB Certus grows.

In addition, IFB Certus uses the FortiAnalyzer 300D log management appliance. This appliance can proactively monitor and analyze Fortinet's broad platform of network security solutions, further simplifying network monitoring to deliver effortless visibility and advanced control.

Learning with FortiGate, Learning with an Advantage

"The biggest benefits are the increase in security, the simplicity of having a centralized solution and the elimination of downtime, which has greatly reduced the administrative burden compared to the old architecture," said Lira. "Fortinet is helping us position our organization as a leader in the implementation of next-gen technologies."

With Fortinet's help, analysts now spend 60 percent less time engaged in firewall administration. In terms of operating expense, IFB Certus used to spend \$4,000 each month on equipment rentals for all of its networks; a cost that has been completely eliminated.

"Fortinet provides us with a comprehensive security platform that enables us to efficiently deliver and secure massive amounts of dynamic data and helps us deliver the resources needed to both the educational system and our students, to whom we are committed to providing quality service," concluded Lira.



GLOBAL HEADQUARTERS
Fortinet Inc.
899 Kifer Road
Sunnyvale, CA 94086
United States
Tel: +1.408.235.7700
www.fortinet.com/sales

EMEA SALES OFFICE
905 rue Albert Einstein
Valbonne
06560, Alpes-Maritimes,
France
Tel +33 4 8987 0500

APAC SALES OFFICE
300 Beach Road 20-01
The Concourse
Singapore 199555
Tel: +65.6513.3730

LATIN AMERICA SALES OFFICE
Paseo de la Reforma 412 piso 16
Col. Juárez
C.P. 06600
México D.F.
Tel: 011-52-(55) 5524-8428