

ELECAUSTRO S.A. EMBRACES ZERO TRUST TO STRENGTHEN REMOTE ACCESS

Energy leader implements Appgate SDP to enhance security in Ecuador's electricity sector

Background

Since 1999, Elecaustro S.A. has been dedicated to generating renewable and diversified electricity for Ecuador's energy system. Based in Cuenca, Ecuador, the company is an established leader in energy production, utilizing a blend of hydroelectric, wind, and thermal technologies. Elecaustro is recognized for its commitment to efficiency, quality, and social and environmental responsibility.

Challenges and Requirements

The COVID-19 pandemic necessitated a swift transition to remote work for many organizations, including Elecaustro. This shift presented significant challenges, particularly in maintaining access to essential services and internal management systems while ensuring the security of sensitive data. In response to these challenges, Elecaustro prioritized the health and safety of its employees and recognized the urgent need to bolster its network security infrastructure. To address the increased risks associated with remote work, the company sought a solution that would enhance network protection, enable multi-factor authentication, and facilitate secure access for employees.

Compliance with the Government Information Security Scheme (EGSI) was also a critical requirement. This Scheme seeks to preserve the confidentiality, integrity and availability of information in public institutions and is crucial to protect the interests of institutions in an interconnected digital environment.

Solution

To meet these challenges, Elecaustro adopted a Zero Trust architecture by implementing Appgate SDP Universal Zero Trust Network Access (ZTNA). Appgate's Zero Trust model enabled the company to strengthen its remote access security, ensuring that only authorized users could access the company's business-critical resources.

Appgate provided comprehensive support throughout the implementation process, facilitating seamless integration with existing systems, and ensuring secure and reliable connectivity. As a result, Elecaustro's personnel gained the ability to perform their job functions remotely, with secure access to the internal systems hosted on the company's network service.

Results

Since adopting Appgate's SDP solution, Elecaustro has witnessed significant improvements in its network security. The company has established microsecurity perimeters based on user identity, restricted access from unsecured devices, and made critical resources invisible to unauthorized actors. Furthermore, the user experience has been streamlined, providing employees with simple yet secure access to essential resources, all while complying with cybersecurity standards and government regulations.

"Appgate SDP is a solution with versatility that allows you to have control of the access scheme to your resources, simple in its implementation, friendly and that has allowed us to give a new approach to security to our network."

— Diego Guillén Bernal, Systems Engineer 3, Elecaustro S.A.



INDUSTRY

Energetics

USE CASES

Multi-Factor User Authentication

Continuous Assessment of User Security Posture

Secure Remote User Access

Zero Trust Network Access Implementation

Access to Critical Resources

BENEFITS FOR ELECAUSTRO

Adopted new security protocols swiftly while maintaining productivity due to a rapid solution deployment.

Ensured that only authorized personnel could access critical resources by implementing transparent authentication and validation.

Delivered a positive end-user experience through a simple and secure access process.

Future-proofed security posture with a solution designed to address current and emerging challenges and use cases.

Guaranteed uninterrupted operations with 24/7 support and assistance for prompt issue resolution.

ABOUT APPGATE

Appgate secures and protects an organization's most valuable assets and applications. Appgate is the market leader in Zero Trust Network Access (ZTNA) and online fraud protection. Appgate's products include Appgate SDP for Universal ZTNA and 360 Fraud Protection. Appgate's services include threat advisory, analysis, and ZTNA implementation. Appgate protects businesses and government agencies around the world. More information at [appgate.com](https://www.appgate.com).