

## LOCATION

Mexico City, Mexico

## OVERVIEW

Telmex is the leading telecommunications company in Mexico and the largest private company in Latin America.

Biometria Aplicada, a premier DigitalPersona partner in Mexico City, assisted Telmex with the deployment of DigitalPersona Pro, a fingerprint authentication solution.

## NEEDS

Telmex wanted to replace a token-based authentication security and access control solution with one that would:

- Secure network and application access
- Provide irrefutable audit trails
- Reduce IT costs

## DIGITALPERSONA PRODUCTS

DigitalPersona<sup>®</sup> Pro Server

DigitalPersona<sup>®</sup> Pro Workstation

## Security Challenge

Telmex provides local, long distance, wireless, Internet, data and voice transmissions to over 100,000 users in Mexico. They used a single sign-on and token-based authentication process for users to access systems and applications.

The Telmex security group was concerned that tokens were being shared and therefore failed to meet their absolute identity requirement. The costs associated with managing and replacing lost tokens was a burden on the IT Department.

With a history of successful technology innovations, Telmex was determined to find a complimentary, but stronger method to secure access, improve audit trails and reduce IT costs.

## DigitalPersona Solution

Working with Biometria Aplicada, a DigitalPersona premier partner, Telmex evaluated and selected DigitalPersona Pro, a fingerprint authentication solution to replace tokens. Telmex chose a fingerprint authentication solution because fingerprints cannot be shared, lost or stolen.

DigitalPersona Pro significantly strengthens the existing single sign-on system which allows Telmex to meet their access control and auditability requirements.

In addition, fingerprint authentication provides a more convenient solution for end-users and IT administrators.

## Benefits

- **Access Control** - only authorized users can access systems and applications.
- **Irrefutable Audit Trails** - lets you know for sure who accessed the network or an application.
- **Lower IT Costs** - eliminates the costs associated with managing and replacing tokens.
- **Convenience** - users do not need to carry tokens or remember passwords.

## The Results

DigitalPersona Pro has enabled Telmex to secure access to their servers, as well as notebooks used outside of the Telmex network. With fingerprint authentication, Telmex has indisputable audit trails of user access to their corporate network and applications.

*"DigitalPersona Pro has enabled us to strengthen the Telmex security infrastructure," said Javier Barajas Gonzales, Computer Information Security Officer at Telmex. "We are now more comfortable that the person logging on to our network has been unambiguously identified."*

With DigitalPersona Pro, the existing security policies have been enhanced while streamlining the user experience defined by "single touch; single sign-on."

## About DigitalPersona

DigitalPersona is the leading provider of biometric authentication solutions for enterprise networks, developers and consumer OEMs. Founded in 1996, the company designs, manufactures and sells flexible solutions that improve security and regulatory compliance while resolving password management problems. DigitalPersona's fingerprint readers utilize superior optical fingerprint scanning technology to more accurately authenticate users regardless of finger placement. The company's interoperable biometric software solutions uniquely support the industry's widest array of notebooks with fingerprint readers. DigitalPersona's award-winning technology is used worldwide by over 90 million people in the most diverse and challenging environments.

