

Mexican Land Office Protects Critical Data and Streamlines Security Management with McAfee Solutions

Saving the IT team valuable time and resources



IRCEP

Customer Profile

Land registry for state of Puebla, Mexico

Industry

State Government

IT Environment

21 remote offices connected with VPN and 367 endpoints

IRCEP provides land registry and cadastral services for property owners and other citizens of Puebla, including legal descriptions and information on the size, value, and ownership of land parcels.

CASE STUDY

The Instituto Registral y Catastral del Estado de Puebla (IRCEP) is the land office for the Mexican state of Puebla. The state of Puebla has shown a significant technological development in recent years under Governor Rafael Moreno Valle. With headquarters in the state capital of Puebla City, IRCEP operates 21 regional offices throughout the state. IRCEP and all its activities are directly accountable to the Puebla Ministry of Finance, and are led by Undersecretary of Revenue Manuel Arceo García.

Protecting Integrity of Data

Jose Armando Bañuelos Nuñez is the director of linking and modernization for IRCEP's IT department, which manages all infrastructure technologies including voice, video, and data systems. This includes VPN services linking the 21 remote offices as well as IRCEP's virtualized infrastructure based on VMware and Microsoft Hyper-V.

According to Nuñez, "The citizens of Puebla depend on IRCEP to support legal and legitimate real estate transactions for property that has been properly registered and referenced. Therefore, our IT team's number-one objective is to protect the precision and integrity of property descriptions."

He adds, "We must provide 100% assurance that our extremely sensitive information is protected. At the core of this requirement is a technology platform based on state-of-the-art security to prevent our databases from unauthorized access."

A Comprehensive Solution

To meet these requirements, IRCEP has deployed McAfee® VirusScan® Enterprise software—part of the McAfee product offering—to all 367 of its endpoints, including PCs and laptops. In addition, McAfee Data Center Security Suite for Databases combines three powerful solutions—McAfee Database Activity Monitoring, McAfee Vulnerability Manager for Databases, and McAfee Virtual Patching for Databases—to protect the sensitive and valuable information held in IRCEP databases. McAfee ePO software provides a centralized console for the IT team to manage and maintain the entire IRCEP security environment.

"We chose McAfee primarily because of its deep and broad security expertise. As a bonus, they were the most cost-effective vendor we considered," Nuñez remarks. "The McAfee platform is very stable and easy to use, and it provides comprehensive protection to meet the full range of our security requirements."

True Data Center Security

With the McAfee Data Center Security Suite, IRCEP is able to integrate overlapping requirements, automate time-consuming tasks, and speed proof of compliance to save the IT team time, trouble, and valuable resources. McAfee Data Center Security Suite for Databases gives IRCEP's business-critical databases real-time protection from all types of threats—external, internal, and even intradatabase exploits.

Challenges

Provide accurate and legally valid property descriptions to support real estate transactions

McAfee Solution

- McAfee® Complete Endpoint Protection—Business
- McAfee® Data Center Security Suite for Databases
- McAfee® ePolicy Orchestrator® (McAfee ePO™) software
- McAfee® VirusScan® Enterprise software

McAfee Services

- McAfee Professional Services

Results

- Protects vital data from contamination by malware and other threats
- Ensures accuracy and integrity of data
- Enables IT team to work efficiently and cost-effectively

CASE STUDY

“As a software-based solution, McAfee Data Center Security Suite gives us robust security and continuous compliance without requiring us to change the architecture, invest in additional costly hardware, or take systems offline,” Nuñez notes. “The installed agents ensure real-time analysis of any activity to help us stay on top of any unauthorized access attempts on our databases.”

Solid Endpoint Protection

“In addition to offering powerful protection for all of our endpoints, McAfee VirusScan Enterprise software is extremely easy for our two McAfee ePO software administrators to manage,” Nuñez states. “Plus, the system’s reporting capabilities give us important intelligence into discovered systems and repositories, and we’re able to set allocation policies quickly and easily.”

Centralized Management for a More Powerful Security Posture

With the suite of McAfee solutions under the control of McAfee ePO software, IRCEP has the real-time visibility it needs to provide comprehensive protection against malware invasions and other threats that could compromise the integrity of its data. The centralized control offered by McAfee ePO software enables the IT team to meet its overall security objectives as efficiently and cost-effectively as possible.

“In addition to full support for our virtualized, COBIT-compliant infrastructure, the McAfee solutions offer powerful efficiencies and time savings for the IT team and better visibility into risk for our key decision-makers,” says Nuñez. He concludes that “The McAfee platform is essential to our strategic security initiative to protect the integrity of our sensitive data.”

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—Jose Armando Bañuelos
Nuñez, Director of Linking and
Modernization, IRCEP



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