

Case Study on Ministry of Mauritania's Selection of Biometric Single Sign-On (SSO) Solution for Data and Network Security

Problem Statement

The Ministry of Interior and Decentralization of Mauritania was looking for a solution that could ensure the highest level of security for confidential national security government data to prevent unauthorized personnel from accessing secured information.

Client Profile

The Ministry of the Interior and Decentralization is the national Ministry of the Interior of Mauritania. Its headquarters are located in Nouakchott, just south of the Presidential Palace, between the Chamber of Commerce and the College of Science and Technology.

Challenges

There were several important reasons for the Ministry of the Interior and Decentralization of Mauritania to deploy the M2SYS biometric **Single Sign-On (SSO)** solution to secure password management and network security. The main purpose of this deployment was to ensure the highest level of security for confidential national security government data.



In addition, they needed to ensure their entire computer network was secure and protected by stronger passwords to prevent unauthorized personnel from accessing secured information. It became a great challenge for them to prevent confidential national data breaches and provide a convenient way to encrypt files and folders and secure passwords.

Solution

The Ministry of Interior and Decentralization selected the M2SYS biometric secure **Single Sign-On (SSO)** solution and **M2-S™** fingerprint reader for data and network security, accurate identification, and secure password management in their 20 PC network that enables them to secure the network and protect confidential government information in a convenient way ensuring a higher level of security.



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M2SYS Secure Single Sign-On is a biometric single sign-on (SSO) solution which relieves the burden of weak password management while providing a more convenient mechanism for users to access their computer or the network. The solution seamlessly interfaces with Active Directory, enabling IT personnel to quickly and easily administrate biometric information.



Benefits

By utilizing the M2SYS Secure Single Sign-On solution, the Ministry of Interior and Decentralization of Mauritania has been able to ensure a secure computer network across the facility and provide accurate identification and secure files and password management to protect confidential data. It also provides a more secure and efficient solution that ID cards or PINs, to help eliminate the risk of password theft and data breaches. Here are some major benefits that the Ministry of Mauritania has been leveraged by using this solution:

- ❑ Providing an air-tight mechanism to authenticate users gaining access to network resources
- ❑ Secure file and folder encryption and encrypted sharing
- ❑ Minimize the risk of government data theft from users inside the firewall
- ❑ Leveraging existing network infrastructure for faster deployment
- ❑ Enabling users to encrypt sensitive files stored on the desktop so they can only be opened after the biometric scan of an authorized user
- ❑ Allowing users to quickly lock and unlock their computers with a single biometric scan
- ❑ Reducing IT support costs associated with password management and help desk overhead

About M2SYS

M2SYS works closely with its clients, enabling them to capitalize on the benefits of biometrics for security and accelerating their return on investment (ROI). This case study on deploying a biometric Secure Single Sign-On (SSO) solution at the Ministry of Interior and Decentralization of Mauritania shows how our biometric Single Sign-On solution can secure a computer network and passwords to protect confidential data from unauthorized access.



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