

Delivering secure access to corporate data

The Macao Water Supply Company Limited improves the productivity of mobile engineers while keeping the security of its corporate network locked down tight



“Now our engineers get to the data they need securely and faster than before with our SonicWall SMA 6200 solution.”

*Alvin Iun, Information Services Assistant Senior Engineer,
The Macao Water Supply Company Limited*

Customer profile



Company	The Macao Water Supply Company Limited
Industry	Utilities
Country	China
Website	www.macaowater.com

Business need

The Macao Water Supply Company Limited saw that the firewall protecting its VPN was coming to the end of its life and wanted a solution that improved access to data while keeping the corporate network secure.

Solution

The company deployed a SonicWall SMA 6200 appliance in high-availability mode while rolling out two-factor authentication tokens for use by staff.

Benefits

- Drives efficiency enabling greater mobile connectivity
- Improves speed of remote data access
- Provides access to data regardless of device operating system
- Simplifies deployment with seamless Active Directory integration

Solutions at a glance

- Remote Access

The Macao Water Supply Company Limited (Macao Water) sought to increase the productivity of its engineers who take care of the water-supply infrastructure in Macau. Many of the engineers use tablet devices to gain access to corporate data on the network. Access is important because it provides precise details of work the engineers need to do as well as detailed plans of the water supply infrastructure. Fast access to this information is often vital, yet it needs to be done safely across a VPN without risk of the network being infected by viruses.

An outdated firewall solution

The challenge for Macao Water was that the existing VPN firewall was coming to the end of its working life. Engineers complained of the VPN's slow performance, saying it took too long to open files. Because some people who are not water company employees, such as staff at local banks, need to access back-end systems to set up payment schedules for customers, there was constant concern around security. Alvin Lun, Information Services Assistant Senior Engineer at Macao Water, explains, "We wanted to move from server-based authentication to a token-based system that provided one-off passwords to end users. It would be easier to manage and more secure."

A solution that ticks all the boxes

Macao Water looked for a mobile access appliance to replace the existing firewall. The company assessed the SonicWall SMA 6200 appliance, which is aimed at small to mid-sized companies. The appliance delivers fast, secure access to corporate data through a VPN, but also supports two-factor authentication with hard and soft tokens.

Faster data access, improved productivity

Today, engineers at Macao Water are working more productively with fast and secure access to corporate data. The company deployed two SonicWall SMA 6200 appliances in high-availability mode with the support of SonicWall engineers. Comments Alvin, "The solution integrated seamlessly with our Active Directory without any problems."

He continues, "Now our engineers get to the data they need securely and faster than before with our SonicWall SMA 6200 solution." The number of engineers accessing corporate data from outside the network has increased by 30 percent since the SonicWall solution was supplied. "We're a small company but we can scale the number of users, safe in the knowledge that our SonicWall appliance can handle it," says Alvin.

Provides remote access regardless of device operating system

Alvin can issue tokens to staff, bank employees or vendors regardless of which platform they are using. The SonicWall solution supports all operating systems (OS), including Windows and iOS and most importantly Windows 10. "We are now using Windows 10 and thanks to our SonicWall SMA 6200 appliances, staff can get the most out of the new OS and application upgrades," says Alvin.

Products & Services

Products

SonicWall SMA 6200 appliance

View more case studies at <https://www.sonicwall.com/resources>