

CASE STUDY

Ministry of Expatriates' Welfare and Overseas Employment



About the Ministry

The Ministry of Expatriates' Welfare and Overseas Employment is a ministry of the government of the People's Republic of Bangladesh. They provide information, partnerships and facilitations for all matters related to overseas Bangladeshis and overseas employment.

To that end, the Ministry is responsible for formulating policies, plans, enacting laws, rules and regulations, developing projects, programmes and monitoring relating to the management of overseas employment as well as overall welfare of expatriate workers.

THE PROBLEM

The Ministry of Expatriates represents a crucial government function for Bangladesh. They collaborate often with other nations to send labor and generate vital remittances. With this, comes many scheduled online meetings with different nations—more than five or six at once, requiring large bandwidth allowance. They also need to securely share and move large amounts of local data.

The Ministry previously used a 1300 Mbps Unifi AP which had interruptions when transferring large amounts of data. However, they required no interruption throughout the massive data transfer in the interim when looking for their next solution.



Provided By Excel Technologies

Excel Technologies Ltd. is one of the diversified business houses of Royal Group. Today, Excel Technologies Ltd has emerged as a respected ICT company by upholding high ideals and values, solemn integrity & honesty, excellence, service and innovation in all spheres of the company's activities building on the already established foundation

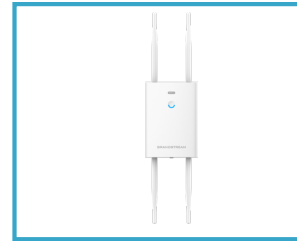
PRODUCTS DEPLOYED



GWN7664
Enterprise Wi-Fi
Access Point
Enterprise- Grade AP



GWN.Cloud
Cloud Management
Platform
Access Point Management



GWN7664LR
Outdoor Long-Range
Wi-Fi 6 Access Point
Medium- Large Businesses

WHY GRANDSTREAM?

There are about 300+ users accessing the network and the coverage requirements in the Ministry. The installer, Grameen Cybernet, referred Grandstream's solutions due to the GWN7664 Wi-Fi access point's ability to host upwards of 700 simultaneous users.. Excel Technologies, installed (30) GWN7664 (dual-band 4x4:4 MU-MIMO) Wi-Fi 6 Enterprise Grade AP's and (4) GWN7664LR Outdoor Long-Range Wi-Fi 6 AP's. These devices support coverage ranges of 175m and 300m respectively, support Wi-Fi 6 technology, and deliver up to 3.55Gbps speeds.

Additionally, due to the Anti-hacking secure boot, critical data/control lockdown, and unique security certificate/random default password per device, Grandstream's AP's were the ideal solution to protect the large amounts of data transfers within the Ministry.

Grandstream's GWN.Cloud option allows the IT department to monitor the network outside the office, providing flexibility on managing their new solution. GWN.Cloud offers a centralized Wi-Fi network management platform providing complete scalability and the ability to add multiple users and access points to the deployment site. Once the AP's are installed, configuration adjustments to the network were made entirely from the cloud. GWN.Cloud is a free-of-cost Wi-Fi management platform, making the entire solution along with the Wi-Fi 6 Access Points very cost-effective.



GRANDSTREAM
CONNECTING THE WORLD

COMPETITORS CONSIDERED

The installer, Excel Technologies, considered Ubiquiti Unifi Solutions, Cambium, and Altai along with Grandstream's Solutions. However, they decided to go ahead with Grandstream's solutions due to the performance of the AP's and features offered including the free GWN. Cloud option. Additionally, Grandstream's access point portfolio offered better prices than the competitors.

THE RESULT

The GWN Wi-Fi access point solution has been welcomed with open arms by the Ministry of Expatriates' Welfare and Overseas Employment. They acquired an enterprise-grade solution from Grandstream that was well within their price range and meets their needs for a full networking solutions. The Ministry researched various brands of AP's, including Unifi, Cambium, and Altai, but only Grandstream met their technical and economical needs.

The Ministry also utilizes GWN.Cloud because it is hosted by Amazon Web Services and offers a user friendly UI and centralized controller. With the amount of data sharing the Ministry does with other nations, having network security also critical. GWN access points include anti-hacking secure boot and critical data/control lockdown via digital signatures, enabling them to actively monitor for security concerns while encrypting all data and network settings. GWN.Cloud and GWN Manager also provide a variety of active security monitoring and alert tools.

