

Ministry of Education, Bahrain chooses Proxim to provide electronic access to its library



With the mammoth responsibility of dispensing education across the country, the MoE (Ministry of Education) of the Kingdom of Bahrain offers several centers for knowledge and libraries to provide easy access of education to its citizens. As a part of this "easy access" initiative, the ministry decided to provide

electronic access of its eleven libraries to the multitudes of schools present in the country.

The requirement constituted of connecting all its libraries in a unified network that subsequently connects to the schools. However, on evaluating the commercials of the project, the MoE soon realized that implementing a cable or a wire based network would be not just time consuming, cost-prohibitive but also a very un-scalable implementation, keeping in mind of their future initiatives and plans.



The MoE then turned to BATEC- Bahrain Advanced Technology, a leading Value added ICT (Information Communication & Technology) solutions provider for connecting its various libraries in a reliable, cost effective and quickly deployable solution. On understanding the requirement, BATEC offered a wireless solution powered by Proxim's high performance Tsunami® outdoor point to point QB-8150 radios. The Tsunami® QB-8150 radio is an extremely rugged IP67 certified, low cost outdoor form factor supporting multiple service classes that can prioritize voice, video and data applications over the widest range of operating frequencies.

The new wireless solution constituting of eleven links currently serves and connects the eleven libraries to a central base station unit that subsequently connects to the internet cloud, resulting in a future-proof, cost-effective, reliable network that was deployed in a matter of weeks.

"Proxim Wireless specializes in the ability to provide high-performance, mission-critical PTP and PTMP outdoor wireless networks, regardless of the size of the coverage area," said Nishchal Batra, Vice President of Sales, Asia, ANZ and Middle East, Proxim Wireless. "When MoE needed an extremely reliable system that could handle multiple applications with redundancy on a single network, we were happy to step in and provide a successful network where competitors fell short."

About BATEC

BATEC is a specialty Provider of Information Communication and Technology (ICT) solutions and services. With significant representation of Global Leaders and the company has trained and specific technology expertise in the application of technologies such as ; Convergence, Wireless, VoIP, DATA and mobility solutions, Unified Communications & Contact Center, Enterprise IT Infrastructure/Networking, Enterprise & Information Security and Strategic planned Communication Consultation. BATEC's mainstream business is providing "Absolute ICT" solutions and services

About Proxim Wireless

Proxim Wireless Corporation (OTCQX: PRXM) provides Wi-Fi®, WiMAX, Point-to-Multipoint and Point-to-Point Backhaul technologies for a complete indoor and outdoor wireless broadband ecosystem. Our systems enable service providers, governments and enterprises to deploy fixed and mobile security and video surveillance, indoor and outdoor Wi-Fi, business and residential internet access and cell tower backhaul. Proxim has shipped more than 2 million wireless devices to more than 250,000 customers in over 65 countries worldwide. Proxim is ISO 9001-2008 certified. For more information, visit <http://www.proxim.com>.

"Proxim came with a promise and a solution to address all of ours and that of our customers concerns: Cost effective and low TCO, reliable, easy to deploy and a very straight forward commissioning protocol"

- **Brian James, Business Manager, BATEC**

Requirement:

- Ministry of Education of the Kingdom of Bahrain required a wireless solution that could be deployed rapidly and cost effectively, with reliable service; to connect their 11 Ministry Libraries with the MoE managed Schools making available to all of its students the library resources electronically

Proxim solution:

- Ministry of Education of the Kingdom of Bahrain is using Tsunami® MP-8150 series which was deployed within 4 hours(each link)
- The Tsunami® MP-8150, an incredibly cost-effective Point-to-Multipoint wireless product, has proved to be an ideal solution resulting in substantial cost savings and increased network capacity

Results:

Proxim with its MP-8150 Series provided the following advantages:

- Excellent price to performance ratio
- Rapid installation and network configuration
- Reliable secure high capacity wireless transmission