

WideBridge Case Study: **Critical Facility**

Reliable communications - enterprise on-premises PTT & private network solution for routine & emergency situations



Key Benefits

- A standalone fully redundant high availability solution
- Increased situation awareness and operational efficiency

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The Customer

U.S. multinational technology company with several facilities in a particular region, including a critical site.

The Challenge

The company sought a technology-based solution to facilitate enterprise-wide communication across its facilities. One specific location required a 24/7/365 mission critical communication solution for routine and emergency situations. The solution required the integration of a private Push-To-Talk (PTT) service and highly reliable standalone private network.

The Solution

The WideBridge solution implemented is an enterprise on-premises communication solution developed by Elbit Systems. The solution was designed in accordance with a suite of standards, among them the 3GPP, MC (mission critical) PTT and IETF. The service supports user authentication, authorization, monitoring and management. For network backup, a private network solution was implemented.

The service is used by over 700 users including emergency, security and production teams. The robust solution provides excellent quality of service to the users via a feature-rich smartphone app over an existing cellular infrastructure. As an on-premises, standalone, fully redundant, high availability solution, Elbit Systems' private cellular core backup offers mission-critical resiliency of the network at all times. Its PTT over cellular service was deployed across multiple facilities, providing ongoing communication regardless of connectivity to a commercial cellular core network. WideBridge's dispatcher console enables effective management of ongoing activities and any incidents and emergency events. Additional integrations with the organization's IT systems are planned, such as workforce management, surveillance cameras etc., which are expected to further increase operational efficiencies.



Elbit Systems Ltd.
2 H'amachshev St., Netanya 42507, Israel
www.widebridgecloud.com