

## FIELDING AN ADVANCED ANALYTIC CAPABILITY IN A WAR ZONE

A U.S. Defense organization needed an advanced analytical capability that could address the unique challenges that analysts face in a war zone. They chose to deploy Palantir to units in Helmand and Nimroz Provinces, Afghanistan in support of Operation Enduring Freedom.

### THE PROBLEM

In a hostile operating environment, several factors conspire to disrupt the real-time flow of the latest intelligence across all military echelons. Operating with low bandwidth and limited connectivity, forward companies often lack an accurate and updated intelligence picture of the area of operations. Meanwhile, the information that analysts at reachback facilities need in order to support forward units is typically spread across disconnected databases and cannot be accessed through a single interface. For these reasons, the organization sought an advanced analytic capability that could integrate its existing data sources quickly, improve situational awareness at all echelons, reduce the amount of time users spent searching for data, and empower analysts to focus on complex, higher-level analytic tasks.

### PALANTIR'S SOLUTION

Our engineers fielded Palantir's advanced analytical platform to units in Afghanistan in February 2011. We also provided Palantir Forward, a specialized version of the Palantir platform for disconnected use in low-bandwidth environments. Palantir Forward provides forward units at the battalion and company level with access to Palantir's full suite of capabilities and automatically synchronizes new data when connectivity to base stations is restored. Palantir also deployed its Nexus Peering capability, which gave analysts at CONUS and OCONUS reachback facilities access to all theater intelligence as it was updated, empowering them to provide real-time support to units downrange. The organization's analysts used Palantir's data integration and search, discovery and analytic capabilities to link data in ways never before possible. Analysts detected correlations between weather data and command wire IED attacks and linked biometrics collected on explosive devices to individuals and bomb-making networks. With its data integrated into a single collaborative environment, the organization created a unified, synchronized intelligence picture stretching from CONUS reachback facilities all the way to company level intelligence cells on the front lines.

### PALANTIR'S IMPACT & RESULTS

- » Palantir's Forward Deployed Engineers had the server at a forward operating base online and operational **within one hour of arrival** and uploaded all the data from the headquarters server that same night.
- » Helicopter Landing Zone Analysis that formerly took over two days is now completed **in a matter of hours**.

### FOR MORE INFORMATION

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