MTEQ offers design, development, testing, and sustainment of border control and protection solutions. MTEQ has provided design improvements for and produced the Agent Portable Surveillance System (APSS) employed by Customs and Border Patrol (CBP) and offers continued repair services through a standing BPA. MTEQ re-designed the electronics system for CERBERUS, an earlier military version of APSS, to dramatically increase its data capacity. We integrated its full suite of force protection detectors, including cameras and acoustic Unattended Ground Sensors (UGS) into the improved electronic package. MTEQ has also designed or re-engineered systems with direct border security relevance. For the Rapid Aerostat Initial Deployment (RAID) system, MTEQ performed a similar electronics re-design that gave it the data capacity to take full advantage of its high definition FLIR Star Safire III camera for the first time. We have also engineered multiple design improvements for reliability and maintainability in harsh desert and other operating environments. MTEQ deploys hardware and software upgrades to RAID systems distributed in various OCONUS locations.