



IATAC Success Story

Pacific Air Forces Infrastructure Analysis

<http://iac.dtic.mil/iatac/>

Customer:	Pacific Air Forces (PACAF), U.S. Pacific Command (USPACOM)
Challenge:	For units to operate cohesively across the vast Pacific area of operations, they require PACAF Warfighters and decision-makers to have assured access to trusted information. PACAF's ability to analyze, model, plan, engineer, integrate, install, test, operate, and service communications systems and related information technology (IT) provides a strong foundation for a robust theater IA capability. As a result, PACAF has a requirement for Information Assurance Technology Analysis Center (IATAC) IA research, development, analysis, integration recommendations, and planning expertise to develop its technology and policy plans.
Approach:	IATAC provided valuable IA and architectural research, analysis, and recommendations to Hickam Air Force Base, Hawaii through an in-depth analysis of the base's communications architecture. IATAC reviewed base and servicing telecom records to identify all telecommunications circuits and determine the status of those connections. IATAC analysis identified 562 circuits across Hickam with further analysis determining that 144 of those circuits were not necessary and represented cyber security vulnerabilities. IATAC presented its final analysis and recommendations to the Joint Base Pearl Harbor Hickam Communications Committee, which included the recommendation that those unnecessary circuits be disconnected to reduce the inherent risk and expense.
Value:	Hickam AF Base contains a portion of USPACOM's infrastructure and IATAC's analysis and recommendations were critical to maintaining positive control of that communications infrastructure and were a key step in achieving Joint Basing with Pearl Harbor. Additionally, the recommendations will create a substantial cost savings to PACAF of approximately \$500,000 over the next five years, further secures PACAF – and by extension, PACOM's critical infrastructure, and illustrates our desire to enhance collaboration with the Combatant Commands through system analysis and technical assessments.