

FY02-CAC DON Pilot Project Summary

Project Name: PACOM Biometric Enhancement for Physical Security – PACOM BEPS (#1164)

Command: US Pacific Command

Functional Area Manager (FAM): Administration

Pilot Summary:

PACOM approached the DON eBusiness Operations Office to assist in developing a CAC-based solution for the physical security system in the new Pacific Command Headquarters building. Building upon the success of a previous project at SSC Norfolk, a MIFARE solution with dual-biometrics and a security color-coding scheme was proposed. Hand geometry units were placed on external entry points and fingerprint readers were placed on selected spaces, allowing for stronger authentication. System performance exceeded PACOM's expectations, and they plan to make biometric authentication a requirement to gain access to certain levels of the new Nimitz-MacArthur building.

Business Value Added:

- Provides evaluation for selected technologies for potential inclusion in new Nimitz-MacArthur Headquarter Building currently under construction.
- Provides operational data regarding the feasibility of incorporating multiple biometrics on a single contactless chip.
- Provides layered approach to authenticating individuals accessing controlled spaces.

Other Considerations:

- Pilot built upon CAC-PAC Norfolk technology methodology: No changes to backend electronic security system.
- Offered a single contactless chip solution to handle multiple layers of security.
- First project where multiple biometric vendor products were on the same chip: significant configuration management advancement.

Pilot Participants:

- US Pacific Command
- SPAWAR Systems Center Charleston
- SPAWAR Systems Activity Pearl City
- DoD Biometric Management Office

Targeted Users:

- US PACOM Personnel