

SBIR 06.2 PHASE I - AWARD DETAILS	
ORGANIZATION	PEO C3T
TOPIC NUMBER	A06-149
CONTRACT NUMBER	
YEAR OF AWARD	
AWARD START DATE	
AWARD COMPLETION DATE	
PROPOSAL NUMBER	A062-149-1915
TITLE	Plug-and-Play Adaptor for Stateful Inspection Devices (PASID)
PROJECT MANAGER	Clint M. Sanders (952) 829-5864 csanders@atcorp.com
COMPANY	Architecture Technology Corporation 9971 Valley View Road Eden Prairie MN 55344 Minority Owned: No Veteran Owned: No Number of Employees: 69
KEYWORDS	Plug-and-play, asymmetric routing, stateful inspection, firewall, intrusion detection
ABSTRACT	The US Army has identified a need for a solution to correct problems that arise during the use of stateful inspection devices in asymmetrically routed networks. These stateful inspection devices, such as firewalls and intrusion detection systems, monitor communications sessions in order to provide network security and identify malicious user intent. Architecture Technology Corporation (ATC) will leverage its extensive experience in network technology to develop an innovative Plug-and-play Adaptor for Stateful Inspection Devices (PASID). This adaptor will plug into existing networks and provide a means for communicating relevant stateful data to multiple stateful inspection devices. In doing so, the devices will have the information they need to function properly. The objective of this effort is to establish the feasibility of the PASID approach in Phase I. The follow-on Phase II effort will then implement a prototype of PASID that will be demonstrated in a realistic environment.
BENEFITS	The main benefit is that currently installed stateful inspection devices will function properly in an asymmetrically routed network without modifying the overall architecture of the network and without significantly modifying the devices. This will allow the stateful inspection devices to correctly perform their duties of maintaining network security.