CENTER RESEARCH SEMINAR

A Software Tool for Integrating Dynamic and Static Security Testing

Samuel Denard
Senior Security Engineer
Hewlett Packard

Thursday, January 29, 2015
3:00 p.m. – 4:30 p.m.
Room 150 at Science Building

Abstract

Dynamic and static security testing techniques are complementary and interdependent; however, they are often conducted separately. For a given testing assignment, failing to integrate results from both testing techniques may cause significant vulnerabilities to be missed. This presentation describes a special purpose tool that integrates the two testing techniques and that has improved testing results.

Biography

Sam Denard is a mechanical engineer who currently works in Hewlett-Packard's Enterprise Security organization where he performs dynamic and static security analyses of customer software. Before this, he spent most of his working life as an independent consultant developing complex software for a wide variety of customers and industries. And before that, he worked for NASA and General Electric. He was also an assistant professor in the Department of Computer Science at Texas Southern University. He is a graduate of MIT and Stanford University.