NATIONAL SECURITY AGENCY
TECHNOLOGY TRANSFER PROGRAM

Office of Research & Technology Applications

US Patent #s D662,894, 8,414,314; 8,449,309. *Other patents pending.*

NSA Ref #s 1715; 1824-1; 1824-2; 1897; 1960; 2015;

AVAILABLE FOR LICENSING

Data Port Protection and Tamper Detection

CYBER

Computer ports are becoming the preferred method to covertly extract data or introduce malicious software into a computer system. As a result, the need to secure these ports from unauthorized access is becoming a priority for security personnel and system administrators.

This technology provides a method for denying, deterring, and detecting unauthorized access to On Board Diagnostic (OBD) ports in vehicles, Universal Serial Bus (USB), and D-sub (DB9, DB15, DB25, DB26, and DVI) computer ports and removal of USB cables, to improve Cyber Defense and maintain system integrity.

FEATURES

Physical tamper protection

Visual indication of tampering

Inexpensive and easy to install

One-time and multi-use models

BENEFITS

Provides additional layer of security over software-based systems

Economic enterprise wide solutions

POTENTIAL APPLICATIONS

- Desktop, laptop, and server computer port protection
- Router, network hub, and KVM switch security (to comply with the “KVM STIG Overview” by DISA for DOD)
- Cloud computing server rooms, data center/network OPS center
- Supply Chain Risk Management (SCRM)

DEVELOPMENT STAGE

EARLY | MID-STAGE | **COMPLETE**

*This technology is **complete.** Samples are available for inspection upon request.*

National Security Agency
Office of Research & Technology Applications

9800 Savage Road, Suite 6843
Ft. Meade, MD 20755-6843

(866) 680-4539
tech_transfer@nsa.gov
www.nsa.gov/techtransfer