

## **Panel Session: “Ask NIST”**

### **Panelist and Moderator:**

**Matthew Scholl**

Manager, NIST CSD Security Management and Assistance Group

### **Panelists:**

**Elaine Barker**

NIST Security Technology

**Karen Scarfone**

NIST CSD Systems and Network Security

**Allen Roginsky**

Cryptographic Module Validation Program

### **Abstract:**

This session features a representative from each of the four groups in the NIST Computer Security Division (CSD). The four groups represent the four types of work that the Division does: 1) program management guidelines, 2) cutting-edge technology issues and guidelines, 3) cryptography-related work, and 4) product testing-related work. After brief introductory remarks by each panelist, a question and answer session will follow. This is an opportunity for attendees to ask NIST CSD managers and scientists about the work they do, how they do it, and what internal or external forces influence that work.

### **Biographies:**

#### **Matthew Scholl**

Currently Matthew Scholl is an IT security Specialist at ITL/CSD/NIST where he is the Group Manager for the CSD Management and Assistance Group responsible for the FISMA implementation program, IT Security outreach, education and awareness, and the CSD Health IT Security Program. In this role Mr. Scholl works closely with several National and International standards bodies and commercial and non-profit organizations in order to assist, facilitate and enhance IT Security for Federal Agencies and other specified customers.

Matthew Scholl has History and Computer Science degrees from the University of Richmond and a Masters of Information Systems from the University of Maryland. Prior to joining NIST Mr. Scholl was a commander in the US Army Infantry and Armored Cavalry serving in several positions both overseas and in the continental United States.

After leaving the military he was a Configuration Manager and Quality Assurance Specialist for software development of the Air Force C-130/C-141 Auto pilot and Ground Collision Avoidance System design and development. Mr. Scholl also worked as a contractor designing and developing systems for the USDA, FDA and DOD. He has worked in several federal agencies providing support for Agency IT Security programs and conducting operational security from policy development to technical implementations and assessments. Mr. Scholl is certified ISO 9000:2000 Quality System Auditor and has designed, deployed and led several audits for commercial companies to establish and maintain ISO certified quality programs.

**Elaine Barker**

Elaine Barker received a B.S. in Mathematics from Central Michigan University, and has been extensively involved in a variety of cryptographic activities at the National Security Agency, PE Systems and NIST. She has been involved with the development of a number of Federal Information Processing Standards, NIST Special Publications, American National Standards Institute and International Standards Organization cryptographic standards. In addition to standards activities, Elaine has also been involved with the development of validation software that tests conformance to FIPS and ANSI standards. For the last few years, she has been involved in the development of key management guidance that incorporates information assimilated over the years.

**Karen Scarfone**

Karen Scarfone is a Computer Scientist in the Systems and Network Security group at NIST. She oversees the development of technical security publications and also conducts research on metrics. Her primary domains of interest are host security, incident response, intrusion detection, malware, and technical security metrics. Ms. Scarfone has co-authored two security books and contributed to five others, and has co-authored over 20 NIST Special Publications and Interagency Reports.

**Allen Roginsky**

Dr. Roginsky is a member of the Cryptographic Module Validation Program at NIST. He has been at NIST since August 2004. His main responsibilities are the development of FIPS 140-3 and working with cryptographic algorithm and protocol developers to assure the quality and consistency of US Federal standards. Prior to that he spent nineteen years with IBM performing consulting, designing cryptographic algorithms and evaluating the performance of computer networks.

Dr. Roginsky holds seventeen US patents and has authored over twenty papers in the field of data security.