

Tim Weil – IT Security Manager (CISSP/CISA/PMP/CRISC)

1843 Cherry St. ♦ Denver, CO. 80220 ♦ 301-452-3641 ♦ trweil@ieee.org

Capabilities

Tim Weil is an IT Security Manager with over twenty five years' experience in data processing, communications engineering, and information assurance. Mr. Weil's areas of expertise include IT Service Management, enterprise security architecture, FISMA compliance, identity management, and network engineering. In the area of Program Management Mr. Weil has directed professional IA services teams in both the commercial and federal sectors. Professional expertise areas are listed here.

- Management of Professional Services Organization (Security)
- Analysis, Design and Deployment of Communication Security Management Systems (WAN)
- Analysis, Design and Development of Data Communications Networks (WAN and Wireless)
- Internet Security Design (SOA Security Architecture, PKI, e-Authentication, VPN, HA Internet)
- Enterprise Risk Management and FISMA Compliance (NIST 800-37/53) for Federal Agencies
- Wireless and Mobile Security Design (Intelligent Transportation Systems)

Current Responsibilities

Mr. Weil is the Senior Manager, Information Security for the US Antarctic Program's support contractor, Raytheon Polar Services (RPS). He manages the development, delivery, and operations of a comprehensive information security program for the National Science Foundation US Antarctic Program (NSF USAP) systems operated by the Antarctic Support Contractor (RPS)

Education and Certifications

MsC	Master of Computer Science	The Johns Hopkins University	1990
	Graduate Studies in Computer Science	California State University - Chico	1982-84
BA	Bachelor of Arts - Sociology (with Honors)	Immaculate Heart College	1976
CRISC	Certified Risk and IS Control	Information Systems and Control Association	2011
PMP	Project Management Professional	Project Management Institute	2008
CISA	Certified Information Systems Auditor	Information Systems and Control Association	2006
CISSP	Certified Information Systems Security Professional	International Information Systems Security Certification Consortium	2003

Relevant Work Experience

Senior Manager – Information Security
Raytheon Technical Services (Polar Services)
7400 S. Tucson Way
Centennial, CO. 80112

<http://rpsc.raytheon.com>
May 2010 to Present
(720) 568-2128

Raytheon Polar Services (RPS) exists specifically to meet the needs of the National Science Foundation (NSF) Office of Polar Programs. The main function of RPS is to provide support to the United States Antarctic Program (USAP), which is dedicated to sustaining the Antarctic environment and funding scientists who conduct research in Antarctica. As the RPS Senior Manager, Information Security, I am responsible for the delivery of a comprehensive security and privacy program for the NSF USAP enterprise network. I manage a team of IT professionals in the delivery of Security Engineering, Governance, Risk and Compliance and Program Management services. My program responsibilities include the development, delivery and management of Information Security work streams on behalf of the NSF CIO, supporting USAP customers, RPS IT management, and external assessment and audit (FISMA) regulatory compliance.

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Chief Information Security Officer (CISO)

JD Biggs and Associates

12602 Bear Creek Terrace
Beltsville, MD. 20705

<http://jdbiggs.com>

September 2009 to March 2010
(410) 322-8245

JD Biggs & Associates Inc. (JD Biggs) is an Information Security and Privacy consulting firm and Veteran-Owned Small Business headquartered in Beltsville, Maryland. The company core competencies focus on providing, to federal and commercial clients, expertise for enterprise security programs. Mr. Weil provided FISMA compliance and Information System Security Officer (ISSO) support for National Oceanic Atmospheric Administration (NOAA), on the major application NOAA Weather Radio. He facilitated the review, analysis and mitigation of security risks affecting management, operational and technical controls as-well-as development of security program artifacts.

Associate (IT Security Architect)

Booz Allen Hamilton

5283 Greensboro Dr.
McLean, Va.. 22102

<http://boozallen.com>

July 2005 to August 2009
(703) 902-5000

Mr. Weil worked as an IT Security Architect for the Enterprise Security Integration (ESI) team with Booz Allen's Civil IA organization. Within this group he managed service delivery to numerous federal clients leading IT Security Architecture, Information Assurance, Risk Management (FISMA), and Identity Access program delivery teams. He worked as the lead Security Architect on the DOT IntelliDrive (VII) project, and led IRS integrated program teams on several FISMA Certification projects. As Alternate Information System Security Officer (AISSO) he led the DHS Security Engineering team providing FISMA documentation, Identity Management design, and full-lifecycle software security development for the Federal Protective Services Risk Assessment and Management program (FPS RAMP).

Director of Professional Services and Project Manager

Beta Systems Software NA

8300 Greensboro Dr. – Suite 1150
Herndon, VA 20171

<http://ww2.betasystems.com/en/index.html>

September 2003 to March 2005
(703) 703-889-1240

SAM Jupiter© is a system for the automated management of user accounts and access authorizations. The SAM Jupiter system uses provisioning workflows and role-based access (RBAC) management to enable the automation of more than 90% of IT security administration. SAM Jupiter supports Mainframe (RACF, ACF-2, Top Secret), Windows and UNIX security. Integration with Human Resource (ERP) systems is also supported.

As Director of Professional Services (and Senior Project Manager), I've managed full life-cycle delivery of Provisioning and Identity Management solutions. With a staff of up to 10 technical consultants this work involved Management of contracts, projects, resources and technical design. Our clients in the financial, government and health-care sectors manage networks scaling from 10,000 to 70,000 user accounts.

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Technical Expertise

- **FINANCIAL:** IT Budget Planning and Administration , Procurement and Cost Benefit Analysis (various tools)
- **IT ARCHITECTURE & METHODS:** SOA, ITIL, COBIT, Cloud Computing, CMMI
- **SOFTWARE:** C/UNIX, DBMS (DB2), WebSphere (IBM), RMS SecureInfo (Web C&A), Project Management Tools, Web Hosting Services, Enterprise Security Management (SAM Jupiter – RBAC).
- **PROTOCOLS:** DSRC, ATM, TCP/IP, PPP, SNMP, OSI, ISDN, Frame Relay, IPSEC, MPLS/VPN, BGP
- **SECURITY SERVICES** – FISMA Risk Management Framework (RMF). Identity Management, Enterprise Security Management, RBAC, IT Audit (FISMA), Communication Security, RedHat (Linux) System Administration, RACF Security Administration
- **CLEARANCE (recent)** - DoD Top Secret (2008)

Professional Affiliations

- Institute of Electrical and Electronic Engineers (IEEE) – Senior Member and Vice Chair (elect) of the Denver Section. Past Chair (2009) Washington DC IEEE Section
- Information Systems and Control Association (ISACA) – CISA/CRISC Certified
- International Informations Systems Security Certification Consortium – CISSP Certified
- Project Management Institute – PMP Certified
- Editor, INCITS CS1.1 Cybersecurity Committee on Role Based Access Control (RBAC) Implementation Standards Working Group

Publications and Speaking Engagements

- O. Altintas, E. Ekici, G.t Heijenk, B.T Jarupan, K. Lin, and T. Weil G. Karagiannis (Winter 2011) *Vehicular Networking: A Survey and Tutorial on Requirements, Architectures, Challenges, Standards and Solutions*. IEEE Communications Surveys & Tutorials (Winter 2011).
- E. Coyne, R. Kuhn, T. Weil, *Adding Attributes to Role-Based Access Control*, IEEE Computer June 2011
- T. Weil – *Service Management for ITS Using WAVE (IEEE 1609) Networking* – IEEE GLOBECOM 2010, Honolulu, HI, December 2009
- T. Weil, E. Coyne, *ANSI IT Standard 459-2011: Requirements for n RBAC Implementation and Interoperability Standard (RIIS)*, Feb. 2011.
- T.Weil, E. Coyne, IEEE Security and Privacy Magazine, Jan/Feb 2008, *An RBAC Implementation and Interoperability Standard - The INCITS Cyber Security 1.1 Model*
- Editor (2005-2007), IEEE SCANNER, Washington Monthly Newsletter to 14,000 members
- Burton Group Catalyst Conference 2008 – Identity and Access Management (INCITS RBAC Presentation)
- Design and Developers Symposium on Intelligent Transportation Systems (IEEE GLOBECOM 2007-09)
- T.Weil- Securing Wireless Access in Vehicular Environments (WAVE), CardTech/SecureTech, New Orleans, May 2009

Past Security Clearances

- DoD Top Secret Clearance – 2008
- DHS Entry on Duty (EOD) - 2007
- DoD Secret Clearance - 2006
- IRS Minor Background Investigation (MBI) - 2006

REFERENCE: Available on request - <http://securityfeeds.com/drupal/> (Personal Portal)
