

BOB BERINGER

SECURITY CLEARANCE

Top Secret / SCI (Sensitive Compartmented Information)
based on: SSBI

EDUCATION

Systems Integration and Automation and Installation Association (CEDIA)	Custom Electronic Design
Intelligence Analysis (Multi-Source Fusion Analysis) Intelligence Training Center	Naval Marine Corps
Intelligence Systems Administration (HP-UX / Cisco) Intelligence Training Center	Naval Marine Corps
Computer Science (Unix, Programming) College	Wharton County Junior
Computer Science (Programming) Clear Lake	University of Houston –
Computer Science (Database)	Central Texas College
Management of Information Systems (Database, Programming) Asian Division	University of Maryland –

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Alexandria, Virginia 22314

Bachelors of Information Technology

University of Phoenix, 2003

Masters of Science (Global Internet Security)

University, 2004

American Intercontinental

Masters of Business Administration (Strategic Management)

University, 2005

American Intercontinental

Masters of Science Mind Based Medicine

Quantum University, 2016

Doctorate and PhD in Natural Medicine, ABD
Quantum University, 2017

CERTIFICATIONS

BULLETPROOF BIOHACKING & HUMAN PERFORMANCE COACH

Marine Corps Certified Sun Solaris 2.6 (UNIX) Administrator

Marine Corps Certified Sun Solaris 2.6 (UNIX) Train-the-Trainer

Marine Corps Certified Sun Solaris 2.51 (UNIX) Administrator

Marine Corps Certified Sun Solaris 2.51 (UNIX) Operator

Marine Corps Certified Sun Hardware Technician

Marine Corps Certified HP-UX 10.0 (UNIX) Administrator

Marine Corps Certified HP-UX 9.0 (UNIX) Administrator

NSA Certified Information

Security Methodology (IAM)

Certified Information Systems Security Professional (CISSP)

Cisco Certified Network Associate

(CCNA)

Microsoft Certified System Engineer (MCSE)

Microsoft Train-the-Trainer (Windows Server 2003) (MCT)

Microsoft Certified Professional (MCP)

Microsoft Certified

Professional + Internet

(MCP+I)

Oracle Certified

Professional

(OCP)

Red Hat Certified Systems Engineer

(RHCE)

Prosoft Certified Internet Webmaster

(CIW)

Comptia I-NET+ Certified

(I-Net+)

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Comptia Network+ Certified	(Net+)
Comptia A+ Certified	(A+)
(Basic and Advanced)	Veritas Netbackup 4.5
(NT/Unix)	Brocade Advanced Fibre
Channel Switching	Storage Area Network /
(CFP260)	
SAN Practitioner	(Level II)
GSA Certified (IT Schedules, Contracts, & E-buy)	(CEU's)
Virginia State Registered Private Investigators Course	(PI)
Arcsight Certified Security Analyst	(ACSA)
SourceFire Certified Security Analyst	(SFCP)
WildPackets Certified Network Analysis Expert	(NAX)
Snort Certified Professional	(SnortCP)
Advanced C&A Validator Course	
(DIACAP)	
Certified Ethical Hacker	
(CEH)	
Computer Hacking Forensic Investigator	
(CHFI)	
Certified Secure Programmer	(CSP)
Capability Maturity Model Integrated v1.2	
(CMMI)	
Advanced Database Security Assessment Course	
Advanced Malware Analysis Course	
Software Reverse Engineering with IDA Pro Course	
TCP/IP Weapons Course	

PROFESSIONAL SUMMARY

Mr. Beringer is highly skilled intelligence professional and recognized security expert, he is technically proficient in the integration and automation of various network operating systems to include: Unix, Linux and Wintel systems. Mr. Beringer is experienced with a wide range of government, commercial, and financial industries, he is skillful in the optimization of COTS products, and GOTS solutions to include Intelligence/Imagery/GIS/C4I/CI/HUMINT Support Systems, Configuration Management, and implementation of Disaster Recovery plans. Mr. Beringer has expertise in Systems Architecture, Security, Migration, Integration. Certifications include: MCSE, CCNA, and more than 19 other high level industry based certifications. Mr. Beringer displays Strong Customer Interface, Strong Management, and Delegation Skills.

Mr. Beringer has more than 30 years of experience in the field of information technology and specializes in systems design, integration, and security. He has several years of experience working

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with Linux clusters, storage area networks, enterprise backup and fibre channel technologies. He wrote a book on super-computing for IBM, the first SOP for the United States Computer Emergency Response Team (US-CERT) and co-authored all IT Security textbooks in use by ITT Technical Institute. He has been instrumental in supporting Global Internet Security via government solutions like GEWIS, Einstein and commercial solutions like Akamai, Renesys & Arbor. His company (EOR) is the practice area leader for Cyber Counterintelligence.

Mr. Beringer is a decorated United States Marine with multiple occupational specialties, 5+ Tours with the Highly Decorated and Certified Special Operations Capable "31st MEU (SOC)". After many years of honorable service as an Intelligence Professional with access to more than 30 organically taskable collection disciplines, Mr. Beringer was selected to become a Counterintelligence Agent and to support efforts at the National Security Agency. His Special Operations Unit was involved in the liberation of East Timor, NEO efforts in Jakarta on 9/11, Other 9/11 related activities in Iraq, Afghanistan along with other continuing efforts throughout Asia and the Middle East.

On a daily basis Mr. Beringer oversees the Health and Well-Being of The Electronic On-Ramp, Inc (EOR) and other Corporations, to include the Rapid Response Planning Process, Insurance, Contracting, Managing Front-and Back-Office Administration, Sales, Six Chief Executive Officers, Compliance, Ensuring International Security for Military professionals in Iraq, Qatar, Bahrain, Afghanistan and in other locations globally. Mr. Beringer Led EOR to become the #1 Small Business out of 700,000 Federal Contractors, Earning Multiple ISO Certifications for Manufacturing, Services and Security, along with Multiple CMMI Level 3 Assessments for Software Development and Support Services. Cybersecurity Maturity Model Certifications (CMMC) Leadership, Compliance and Implementing the Federal Information Security Management Act. Mr. Beringer is responsible for the bidding, winning, partnering and receiving awards for more than \$660B in Government Funded contract vehicles. Mr. Beringer implements and leads distributed operations for a call center in the Philippines and Accounting firm in Bahrain, Datacenter & Telco Exchange in Ohio and software development centers in Pakistan and India.

PROFESSIONAL EXPERIENCE

Position: Program Manager & Senior Technical Lead
National Security Agency, SIGINT Development Support (SDS II)
The Electronic On-Ramp, Inc, 09/09 to Present

Highlights: Responsible for leading a team in the artful and elegant ways that support Access Development, Counter-computer Network Exploitation (CCNE), Malware Analysis, Network Mapping and other various task areas.

Position: Program Manager & Senior Technical Lead
Defense Intelligence Agency, Cyber Threat Analysis Cells 2 & 4
The Electronic On-Ramp, Inc, 09/09 to Present

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Highlights: Responsible for leading a team of Network Modeling and Telephony Analysts. Team specializes in OPNET Modeler, PSTN Workflow and the effective execution of a computer network operation (CNO) mission that requires a thorough understanding of the relevant cyberspace environment. Provides support to offensive CNO, foreign influence and threats to U.S. systems. Team Identifies, describes, defines, and depicts international Internet Protocol (IP) networks and specific facilities that support data connectivity and transit around the world. Team possesses knowledge of IP networks and produces products about network and routing diagrams; IP address ranges; network interconnections and key facilities; regional, provincial, and municipal level physical infrastructure, hierarchies, characteristics, specifications, and trends of selected technologies.

Team supports computer network operations by researching and writing comprehensive reports that identify, describe, define and depict international data/IP networks, including connection routes, communications mediums, i.e., fiber –optic cables, types and capacities, specific switch/router locations and specifications, etc. Interactive maps that geospatially depict cable routes, medium types, capacities, and precise facility locations and components where known are required to augment descriptive text.

Position: Program Manager & Senior Intelligence Analyst
Defense Intelligence Agency (MNA-1/ Iraq Intelligence Cell, IZIC), Middle East
The Electronic On-Ramp, Inc, 03/10 to Present

Highlights: Responsible for leading a team of All-Source Fusion Analysts to produce strategic level finished all-source intelligence assessments on a broad range of substantive Iraq issues in all production formats. Issues include but are not limited to Iraq's political and military leadership and decision-making, indications and warning assessments, threat assessments, regional ambitions; military capabilities, strategy, doctrine and operational concepts; anti-Coalition activities and capabilities in Iraq, effects of coalition operations on nation-state building or a variety of other issues as required by the customer.

Position: Program Manager & Senior Intelligence Analyst
National Ground Intelligence Center (NGIC)
The Electronic On-Ramp, Inc, 02/10 to Present

Highlights: Responsible for leading a team of All-Source Fusion Analysts that provide intelligence and operational support focused on Irregular Warfare issues that concern the National Ground Intelligence Center (NGIC). Support includes researching, compiling, evaluating, and integrating all-source intelligence data, focused in the area of global irregular warfare mission sets and in response to national and theater intelligence priorities.

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Assist in understanding and developing baseline intelligence products for the eventual defeat of insurgencies, guerrilla movements, terrorist networks, improvised explosive device networks, and other irregular warfare problem sets.

Position: Program Manager & Senior Forensics Examiner
Defense Intelligence Agency, Foreign Influence Analysis Center (FIA)
The Electronic On-Ramp, Inc, 09/09 to Present

Highlights: Responsible for leading a team of All-Source Fusion Analysts in the production of Intelligence products for National Level dissemination. Analysts evaluate anywhere from 5,000 to 15,000 raw Intelligence reports, collate the data, write formatted assessments within any given 3-4 week period. Additionally, the team is generally overtasked by the COCOMs and OSD to respond to a multitude of operational needs.

Team focuses on Political Sciences, International Relations, Cultural Studies, Communications, Regional Studies, History, Religion, social sciences, influence operations, information operations, psychological operations, public diplomacy, strategic communication, public affairs, and cyber analysis.

Position: Program Manager & Senior Forensics Examiner
Defense Intelligence Agency, Joint Document Exploitation Center (JDEC)
The Electronic On-Ramp, Inc, 09/09 to Present

Highlights: Responsible for leading a team of Forensics Experts, Computer and Cell Phone Exploitation Specialists. Managing operational support personnel and Linguists for military mission support in Afghanistan on a \$150M contract.

Position: Program Manager & Senior Forensics Examiner
Defense Intelligence Agency, National Media Exploitation Center (NMEC)
The Electronic On-Ramp, Inc, 10/08 to Present

Highlights: Responsible for leading a team of Forensics Experts, Computer and Cell Phone Exploitation Specialists on a \$350M contract. Managing operational support personnel and Linguists for military mission support in Iraq and Qatar.

Position: Program Manager, Senior SME, Editor & Lead Author
ITT Technical Institute and Jones & Bartlett Publishers
The Electronic On-Ramp, Inc, 09/08 to 02/10

Highlights: Responsible for the original content development in support of the new Information Security based Bachelor's Degree Program. Lead a team of content developers, focusing on writing college text books, online courseware, instructional design and supporting materials for teachers, study guides for students, practical exercises, testing criteria, development of virtual machines for online lab interaction.

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Courses Included:

IS 305/315 Risk Management and Intrusion Detection
IS 404/414 User Authentication Systems and Role Based Security
IS 411 Security Policies and Implementation Issues
IS 418 Securing Linux Platform and Applications

Position: Program Manager & Senior Security Architect
Federal Emergency Management Agency (FEMA)
The Electronic On-Ramp, Inc, 09/08 to 09/09

Highlights: Responsible for software development, systems implementation, deployment, roll-out, operations, maintenance of an A-170 compliant financial system. Lead code review team, code repair, certification and accreditation, independent verification and validation, security test and evaluation, external penetration tests. Developed courseware, provided instruction and ensured remote users had an operational understanding of the new financial system for DHS / FEMA / Mitigation.

Position: Program Manager & Senior Systems Architect
Army Test and Evaluation Command (ATEC)
The Electronic On-Ramp, Inc, 05/08 to 07/09

Highlights: Responsible for software development, systems implementation, deployment, roll-out, operations, maintenance of a C4ISR System. Developed courseware, provided instruction and ensured remote users had an operational understanding of the new financial system for Army / ATEC / TTD. Lead an annual Intelligence Community Wide Conference.

Position: Program Manager & Senior Technical Advisor
US Army Intelligence and Security Command (INSCOM)
The Electronic On-Ramp, Inc, 12/07 to Present

Highlights: Responsible for certain Certification and Accreditation deliverables on TEIS 2 contract vehicle and for efforts to evaluate new cutting edge technologies for the entire Army. Lead security engineering efforts for the Army Knowledge Online (AKO) system.

Position: Program Manager & Collections Management Instructor
Joint Counter-Intelligence Training Academy (JCITA)
The Electronic On-Ramp, Inc, 09/07 to Present

Highlights: Responsible for the courseware development and instruction that provides Counter-Intelligence, Special Forces and other HUMINT students new skills that will aid them in the War-On-Terror, digitally tracking down cyber-criminals and members of Foreign Intelligence Services. Specifically responsible for

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- Position: Program Manager & Lead Security Architect
Federal Bureau of Investigations (FBI)
The Electronic On-Ramp, Inc, 07/07 to Present
- Highlights: Responsible for the leading a team that works to design, integration and implement solutions for the new FBI datacenter in Martinsburg, West Virginia.
- Position: Lead Security Architect & Telecommunications Security
Expert
- Samba Financial (Parent Company to Citibank)
The Electronic On-Ramp, Inc, 02/07 to Present
- Highlights: Responsible for the design, development, installation, and operations of ISDN and VOIP Firewall and IDS' Solutions.
- Position: Program Manager & Lead Security Architect
Corporate Executive Board (CEB)
The Electronic On-Ramp, Inc, 11/06 to Present
- Highlights: Responsible for the design, integration, fusion and optimization of physical and digital security solutions. Application development and architecture of network access control systems.
- Position: Program Manager
Kingdom of Bahrain, Royal Court and Crown Prince
The Electronic On-Ramp, Inc, 06/07 to 10/07
- Highlights: Responsible for updating the financial system for the Royal Court, generated custom accounting solutions, reports and integration efforts. Efforts resulted in a letter of recommendation that can be found on EOR's corporate website.
- Position: Program Manager and Physical Security SME
United Arab Emirates, Dubai Police Department
The Electronic On-Ramp, Inc, 05/07 to 06/07
- Highlights: Responsible for introducing new VideoIQ solution to the government of UAE, provided specific benefits associated with automating physical security efforts and video Surveillance.
- Position: Program Manager & Lead Security Practitioner
Kingdom of Bahrain Ministry of Interior (MOI)
The Electronic On-Ramp, Inc, 04/07 to 05/07

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Highlights: Responsible for cyber-security assessment, penetration testing and risk assessments. Responsible for identifying Foreign Intelligence Assets and other security deficiencies associated with the government's early warning radar system and outbound internet connections.

Position: Program Manager & Lead Security Architect
Kingdom of Bahrain Central Informatics Office (CIO)
The Electronic On-Ramp, Inc, 12/06 to 06/07

Highlights: Responsible for the cyber-security education, design, development, installation, and operations of integrated security services for the government of Bahrain and the Financial Harbor of the Middle East. Local efforts proved that EOR possessed the best cyber-security capability out of 153 other company's resulting in a \$22 Million Dollar Technical Award.

Position: Program Manager & Lead Security Architect
United States Department of Justice (DOJ)
& Pre-Trial Services Agency (PSA)
The Electronic On-Ramp, Inc, 09/06 to 10/07

Highlights: Responsible for Design, Architecture, Acquisition, Installation and Deployment of Freedom of Information Act (FOIA) Processing and Forensics Solutions. Provided Multi-Agency OMB O6-16 Compliance Solutions, Support, and Training.

Position: Program Manager & Lead Security Architect
Court Services and Offender Supervision Agency (CSOSA)
The Electronic On-Ramp, Inc, 09/06 to 10/07

Highlights: Responsible for Design, Architecture, Acquisition, Installation and Deployment of Advanced Technologies. Including pre-authentication, single packet authentication, enterprise encryption, multi-factor authentication, PKI, Integrated Secure Network Operations Center (iSNOC) Design, Implementation, Forensics and CI Support.

Position: Sr. Information Assurance Engineer & Shift Lead
Internal Revenue Service, Computer Security Incident Response Center & Situational Awareness and Management Center
The Electronic On-Ramp, Inc, 10/03 to 9/08

Highlights: Responsible for monitoring and protecting over 170,000 globally deployed computer systems. Responsible for monitoring, reporting, and liaising with the Special Agents that are assigned to the Department of Treasury.

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Responsible for triaging and supporting CI/HUMINT related matters that led to the effective mitigation of insider threats, criminal activity and other subversive efforts that affected the organizations ability to protect itself.

Responsible for automation of business continuance and enterprise backup solutions.

Responsible for in-depth packet level analysis of Firewalls, Intrusion Detection Systems, and other security devices within the enterprise.

Responsible for analyzing malicious threats to the enterprise through the use of darknets, hidden sensor networks, and careful evaluation of integrated physical security events.

Responsible for supporting forensics analysis and recovery of data through the effective analysis of both compromised systems and the code that led to the compromise itself.

Responsibilities range from security architecture to complete lifecycle management of security products.

Responsible for the security of Financial Sector, Trading-Partners, and Lock-Box Banks that interacted with the IRS.

Provide national physical security support, in an effort to protect critical infrastructure of the IRS and to provide global security support to the IRS personnel attached to the embassy's around the world.

Directly Responsible for Initial Detection and Global Reporting of the following threats:

- Witty Worm / ISS BlackICE Vulnerability (Vuln) / Exploitation
- Download.Ject / JS.Scob / Key Logger Threat
- TCP/BGP Reset and Initial Sequencing Vuln
- Provided Mitigation Strategy / Characteristics to Eliminate Hundreds of Thousands of SASSER Infections

Developed Point Papers for:

- BGP/TCP Reset Mitigation Techniques
- JS.SCOB Autopsy for NANOG
- How to gauge ROI for Next Generation Security Solutions

Supporting Efforts:

Keynote Speaker for Verisign at NANOG

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Keynote Speaker for Insyte at ITCN Asia

Built patch management solutions that are capable of supporting and automating enterprise level change management through enumeration and full disclosure of changes made against COE Images.

Position:

Chief Technologist

The Electronic On-Ramp, Inc., (EOR) June/1993 to Present

Highlights: Responsible for bringing together a team of industry leaders to collaborate and build a company that contains the knowledge and insight to lead the Information Technology Arena into the next stage of growth. Responsible for developing a team that is capable of reshaping the security landscape of tomorrow.

Responsible for Corporate Vision and Innovation.

Responsible for obtaining 8(a) and Small Disadvantaged Business Certification with Native American Indian and Service Disabled Veteran Status.

Responsible for the conceptual design and development of 10 major software integration and development efforts:

- Automated Forensics Engine
- Automatic Change Tracking System
- Automated Cryptographically Enforced Port Knocking Solution
- Automated Cryptographically Enforced Point of Entry System
- Incident Response Portal
- Extensible Network Management Framework
- RSS Based All Source Cyber-Intelligence Engine
- Patch Management and Vulnerability Mitigation System
- Single Packet Authentication Engine
- eDATA Anomaly Detection Engine and Protocol

Responsible for the coordination and deliverables associated with four (4) distinct software houses from around the world.

Developed new leading edge security methodologies and solutions to include:

- Enterprise Data Analysis and Transactional Auditing
- Secure Network Operations Center Framework
- End-to-End Hardening, Visibility and Cognizance

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Brought new technology into the company that allows for technology driven labor services to be performed:

- Security Intelligence Portal
- MSSP Enabling Technologies
- Workflow Management Tools
- External VAR and OEM Relationships

Responsible for Acquisition and Operations of both a Datacenter in Ohio and a Callcenter in the Philippines.

Developed industry ties with key service and technology providers, then enable global threat awareness, collection, and mitigation efforts.

Authored corporate handbooks, policies, and the doctrine that fuels the culture at EOR.

Position: Program Manager & Lead Information Assurance
Engineer

Pentagon Force Protection Agency
Computer Incident Response Team (PFPA-CIRT)
General Dynamics, 03/05 to 01/06

Highlights: Responsible for design, architecture, and deployment of all Information Assurance and Security Solutions for the Pentagon Force Protection Agency (PFPA).

Efforts included: Design, Architecture, Acquisition, Installation and Deployment of Arcsight, Intrushield, Intruver, SourceFire, Tripwire, XACTA, ConfigureSoft ECM, Retina, Foundstone, ClearCube, Encase, SecureWave, Canvas and other tools in support of network operations and health-in-service.

Provided direct investigative, operational and investigative support to CI assets at both PFPA and the other elements at the Pentagon.

Provided Expert Cyber-Intelligence and Cyber-Security support to TSCM personnel working for PFPA and other elements at the Pentagon.

Position: Sr. Functional Information Assurance Analyst
Department of Homeland Security, National Cyber Security Division, United States
Computer Emergency Readiness Team (US-CERT) **General Dynamics**, 11/04 to 03/05

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Highlights: Responsible for Global Internet Monitoring and Forensics, and Nationwide Mitigation Efforts to include Federal, State, Local Governments, Private Sector and for providing Information Security Support for US Interests and its Citizens around the world. Supported Einstein Development Efforts and assisted in automating SOC Operations. Responsible for building the first operations manual for CERT Analysts.

Responsible for coordinating efforts with Law Enforcement, CI and other first responders, when dealing with new and emerging threats

Position:

Sr. Functional Information Assurance Analyst

Department of Homeland Security, Information Analysis and Infrastructure Protection, National Communications System, National Coordinating Center, Telecommunications Information Sharing and Analysis Center, Watch and Analysis Operations Center (DHS/IAIP/NCS/NCC/Telecom-ISAC WAO)

General Dynamics (SoftConcept-Inc), 5/03 to 11/04

Highlights: Responsible for monitoring the Health of the Internet and the Associated Telecommunication Systems that support the Critical Infrastructure of the United States of America.

Responsible for interacting with the Financial Services Information Sharing and Analysis Center (FS-ISAC), supporting the NICC and other organizations that worked together to ensure the safety and health of the financial interests of the United States on a global basis.

Responsible for the direct support of the Global Early Warning Information System (GEWIS) A global level Intrusion Detection Solution aimed at reducing the level of Hactivism and Miscreant Activity.

Working both as a Technical Liaison to the Telecommunications Industry and as an Intelligence / Information Assurance Analyst for the Governmental Staff at the Defense Information Systems Agency (DISA). Some of the components / agencies that Mr. Beringer directly supports are:

- DoD-CERT - The Department of Defense Computer Emergency Response Center
- JTF-CNO - Joint Task Force Computer Network Operations Center
- GNOSC - Global Network Operations Security Center
- CWIN - Cyber Warning Information Network Community.

Other Agencies that Mr. Beringer liaises with on a daily basis include:

- FEMA - Federal Emergency Management Agency
- WHCA - White House Communications Activity / Situation Room

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- HSOC - Homeland Security Operations Center
- NICC - National Infrastructure Coordinating Center
- NSIRC - National Security Agency's Security Incident Response Center
- US-CERT - United States Computer Emergency Response Center
- IT-ISAC - Information Technology - Information Sharing and Analysis Center
- REN-ISAC - Research and Education Network – Information Sharing and Analysis Center

Responsible for Collecting, Aiding in the Reverse Engineering Process, and Analyzing Malicious Code (Malware). Responsible for Identifying Solutions to mitigate the negative effects of Malware.

Directly Responsible for Contributing to Global Mitigation of the following threats:

- 55808 / Linux.typtot.a
- Witty Worm / ISS BlackICE Vulnerability (Vuln) / Exploitation
- Download.Ject / JS.Scob / Key Logger Threat
- TCP/BGP Reset and Initial Sequencing Vuln
- Provided Mitigation Strategy / Characteristics to Eliminate Hundreds of Thousands of Beagle.W & SASSER Infections
- Mitigate Directed Attacks by International Hacker Groups

Responsible for the requirements gathering phase of a new content / knowledge management and workflow automation solution for the NCC and the Watch Daily Analysis Center.

Supporting Efforts:

Contributing Member of Network Service Provider Security (NSP-SEC) community

Gained Sponsorship and Support for the NCC to enter into the FIRST responder community.

Built relationship with the Department of Energies Counter-Intelligence capability.

Built forensics solutions that are capable of supporting and automating malware analysis

Security: SNORT, Nokia IPSO, Checkpoint, Raptor, PureSecure, Sourcefire, Arcsight, Intruvert, ISS, Site Protector, Websense, Netcache, PIX, Eeye Digital Retina Scanner, SAV

Position: Sr. Technical Advisor / Systems Engineer
Department of State, Bureau of Human Resources and Payroll
Alphatech Corporation, 5/02 to 5/03

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Highlights: Responsible for the effective preparation of major systems and applications migration. Responsible for advanced firewall configurations, systems optimization. Developed Enterprise level security configuration for HR Based Datacenters / Network Operating Centers, including multi-zone firewall and IDS solutions. Developed infrastructure requirements for both structured and unstructured data sources in a multi-zone SAN configuration. Provided support and technical expertise for high availability systems and business continuance plans. Responsible for other large scale projects including a successful migration to a Gig-E infrastructure, and implementation of an Enterprise Backup Solution. Additional billets include a role as an Acting Board member for the Department-Wide PKI / Biometrics committee.

Developed security solutions for intelligence operators and global CI assets.

Responsibilities Include:

- Continued Evaluation of Clients Requirements via the SDLC.
- Determination of Clients Needs
- Development of acquisitions plan, and associated SOW's.
- Development of and Evaluation of Various Proposals
- Followed FAR's during acquisitions phase
- Development of Project Plans for technical implementation.
- Implemented technical solutions from the following Vendors: NetIQ, Quest, Computer Associates, Compaq / HP, Veritas, Tripwire, Sterling Commerce, and many others.
- Received functional sign-off's from a satisfied client base
- Built and mentored Team of 6 Systems Engineers
- Developed Technical solutions for off-site failover
- Developed Systems Security Plan per NIST guidelines
- Developed Technical Security Plan to Introduce "unbreakable" passwords and tougher security settings into our environment.
- Evaluated over 90 IT related products for the Change Control Board and for Future Ops based implementations
- Provided direct Support to Internal Team of Developers, DBA's, and Web (Cold Fusion / IIS / JRUN) Staffers

Maintained, optimized and trained personnel on the following network based systems and software: Human Resource Management System (HRMS), NetIQ Security Analyzer, Security Manager, Directory Resource Administrator, File Security Administrator, and Configuration Assessor, ECORA, Polivec Scanner / Builder, Harris STAT, TripWire, Avatiers Trusted Enterprise Manager, Analyzer, SNORT, Nessus, Eeye Digital Retina Scanner and Secure IIS, IIS Lockdown, and Aelita Entrust.
Storage: StorageTek Silo's, Storageworks SAN's, IBM Shark & Fast Line, EMC Symmetrics, ESN Manager, Brocade Silksworm 2800, ATL P7000, ESL9595-S2, ALT P1000, ATL L200, OverlandData Tape Libraries, and Compaq TL891's

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Heath-in-Service: HP Openview, CiscoWorks, NetIQ Appmanger, Quest (Foglight, Spotlight, and STAT), and What's Up Gold

Position: Sr. Systems Engineer / Administrator,
(Classified Systems Facility),
Lockheed Martin (TekSystems) 2/02 to 4/02

Highlights: Responsible for the development of enterprise level administration procedures and storage integration solutions. Contributed to the implementation of effective security guidelines. Provided information that would bring systems configuration management online with the Department of Defense security regulations.

Responsible for establishing the technical design and engineering requirements needed to implement a 300 Terabyte Storage Area Network (SAN) and Disaster Recovery Solution Needed to provide a redundant Active / Active High Availability (HA) solution for existing EMC SAN's on-site.

Evaluated Internal Portal Design and Interface Integration for an internal Virtual Private Company. Submitted recommendations that would improve online performance and productivity 400% over current state.

Provided detailed support and insight into the development and technical accuracy many various documents. These efforts led to the increased continuity for future administration and training of Junior Network Administrators.

Effectively translated user requirements into actionable terms.

Received extensive training on IBM Mainframe integration for the enterprise, Linux Cluster management, Integrated Facilities for Linux (IFL), LTO Backup Solutions, VMWare Server management and integration, Windows 2000/XP Infrastructure Design and Security Implementation.

Participated in the installation and configuration of 4 discreet Linux Clusters with over 256 individual nodes and Storage Area Network solutions.

Worked in a UNIX lab that was comprised of many different CRAY Super-Computers, Hewlett-Packard High Performance Computer Systems, and Storage Area Networks.

Installed, configured, and deployed various computer systems in an effort to support over 13,000 end users. Various systems included: AIX, SGI, Solaris, Linux, and Windows clients.

Position: Sr. Intelligence Manager / Systems Architect,

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Suite 105

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(Intelligence Systems Design and Integration),
31st MEU (Special Operations Capable) 9/99 to 2/02

- Highlights:
- Responsible for Full Cycle Intelligence Production efforts with over 30 different collection assets, spanning each Intelligence Discipline within the Intelligence Community. With a special focus on Information Operations, HUMINT, SIGINT, OSINT, IMINT, and TOPO / GIS.
 - Responsible for the Acquisition, Design, Development, Implementation, and Fielding of a Secure, Ruggedized, Mobile Voice Data Network, and associated clients.
 - Provided direct operational and cyber support to 5 distinct CI detachments that were assigned to many of the special operations that were conducted by my unit.
 - Supported CI/HUMINT (Counterintelligence/Human Intelligence) Automated Tool Set (CHATS)
 - Liaised with CI and TSCM Agents during real world missions, provided supporting intelligence and helped to add value to the collection efforts of my teams.
 - Installed, Configured, and Optimized multiple Imagery based storage solutions that spanned up to 30 Terabytes each.
 - Performed briefings for high level officials, in many high pressure situations in order to accurately convey information that was critical for savings the lives of many Special Forces members and direct action operators.
 - Designed, Developed, and Optimized an On-line Portal Solution and Web Enabled Database for Information Dissemination, Collection Management and Integrated Asset Tracking.
 - Developed maintenance plans, configuration management reports, training curriculum, for a wide variety of work flow processes, computer systems and hardware. Training materials were ported over to differing formats / media for the widest possible benefit / effect upon the total organization and our customer base.
 - Designed, Configured, Optimized, and Secured an Apache Web Server on an HP-UX System, for the dissemination of critical information, during real world operations in East Timor.

Project Management Proficiency in reengineering
efficiency
Subsequently nominated for the "General Gerald C.

Demonstrated Leadership Skills and
preexisting workflow and systems processes in order to gain a higher level of
and moral for the organization. (

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Thomas award for Inspirational Leadership” and a “Naval-Marine Corps
Commendation Medal”)

Used network and systems administration
knowledge and troubleshooting experience
to correct configuration problems that spanned across several domains in the
enterprise, which affected multiple organizational communications system.

Maintained, supported and troubleshot numerous communications systems using
state-of-the-art technology Tactical Radio systems, Satellite Systems and Data
Controllers. Installed, maintained, and ensured system backed ups were performed for
various network storage devices.

Managed and configured multiple Hardware / Software based RAID controllers, and
internal / external modem banks in support of our many local area networks.

Provided system administration assistance / customer support to over 3000 end users.

Installed, repaired, replaced, and configured multiple stand alone printers and plotters.
Assembled, configured and optimized individual computer systems on various
hardware platforms.

Position: Sr. Intelligence Analyst / Architect & Systems
Administrator

Marine Aviation Group 12 (Head Quarters) 9/98 to 9/99

Highlights: Responsible for Full Cycle Intelligence Production efforts with over 15 different
collection assets, spanning each Intelligence Discipline within the Intelligence
Community. With a special focus on HUMINT, SIGINT, OSINT, IMINT, and TOPO / GIS.

Developed a Web-Based Perl / CGI Front-End and Database system to remotely
receive and manage Information based requirements from our global customer base.

Developed plans, submitted extensive paperwork packages, and received approval
from the Designated Authority to implement a Protected Wire-Line Distribution System.
The subsequent installation included hardened conduit, joints, shielded cables and
cryptographic equipment. These countermeasures helped to ensure the secure
communications of highly sensitive information in a multi-building environment.

Implemented an Asynchronous Dial-up Server in order to facilitate cryptographic
communications from remote locations. Managed, configured and deployed multiple
cryptographic units to several countries throughout Asia. This new capability brought

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about a new level of mobility for our clients and allowed us the opportunity to provide them with a higher level of content.

Developed training curriculum for members at all levels of the organization.

Successfully migrated from Sun OS (UNIX) Systems to a Windows NT based Network Operating System. Configured and optimized a Primary Domain Controller, Back-up Domain Controller and a Member Server. Migrations efforts focused on new DNS Zone Configurations, Migration from Sun SMTP Mail Services to Microsoft Exchange, and the successful migration from an Apache Web Server to Microsoft's Internet Information Server.

Successfully applied security patches and prepared UNIX based Imagery Systems for compliancy with Y2K date formats. Developed a script to perform backups and management of sensitive information stored on Sybase Databases.

Presented weekly TS/SCI Intelligence and operational briefings to many members of the command level staff and various decision makers.

Provided critical information and face to face support for clients and customers from across the globe.

Position: Applications Architect, (Administrative / Work Flow Division),
H-E-B 9/96 to 9/98

Highlights: Developed a Visual Basic Application that measured the performance and service levels of personnel within the organization. The application was successfully deployed to 12 locations throughout the company during initial fielding. The application helped to improve the profitability and service levels for each of the 12 locations, and was subsequently adopted for all locations within the district.

Developed Database solutions to track and audit over \$26 million dollars in annual sales, profitability, gross margin, and other key financial indicators.

Trained users in Automated Computer controlled transaction systems.

Provided configuration, maintenance, and training to users on the utilization of remote mobile data transmission systems.

Granted hiring authority for the placement of key personnel in an effort to reduce turnover, training cost, and to improve productivity.

Position: Manager - Commercial Sound Division, (Systems Designer),
The Media Group 6/94 to 9/96

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Highlights: Acquired, Maintained, Repaired, and Optimized \$1,000,000 of Commercial Sound Systems and Digital Video Systems.

Personally managed, trained, mentored and developed over 60 employees.

Implemented Total Quality Management principles to reduce man power requirements while at the same time increasing productivity among various teams and elements.

Position: Systems Analyst / Network Administrator, **Lifeway International** 6/93 to 6/94

Highlights: Installed, Administered, Backed up, and repaired, a Novell 3.11 Server and 45 client systems.

Position: Systems Administrator, **Straightway International** 5/88 to 6/93

Highlights: Installed, Administered, and repaired industrial control systems for Audio, Video, and Integration solutions.

Worked with the Custom Electronic Design and Installation Association (CEDIA), in order to develop cutting edge computer controlled automation systems.

Installed, troubleshoot, and repaired various satellite systems, to include C band and KU band solutions.

Provided computer admin support to 20 computer system users.

Custom built computer systems for advanced engineering group.

Hands-On Technical Break-Out

Systems and Operating Systems

Operating Systems: HP-UX, Solaris, Linux, Win9x/NT/2000, 370/390

Servers: Novell, PDC, BDC, POP3, WINS, DNS, FTP, IRC, SMTP, Exchange

Systems: Intelligence Systems, Signals Intelligence Systems, Imagery Systems, Communications Systems, Logistics Systems, Planning Systems, Project Management Systems, 5D, JDISS, GCCS, IPL, IAS, IOS, CTAPS, TCO, FATIDS, DTAMS, - Solaris 2.51, 2.6; DATAMASTER - Equivalent of SAN for Imagery (IPL) - (EMC/Sun StorEdge Solution); GCCS NT, JMCIS NT, POWER SCENE, JDISS NT, Falcon View, PFPS, C2PC, GSP, - Wintel Solutions; Gail Lite, Challenge Athena, JTF Enabler - High Speed Satellite Communication System (Trusted); TOP SCENE - SGI\Onyx Irix; TERPES, JCA, JCIPS-N, JMCIS, - HP-UX Solutions; CHATS, HUIITS, IOW, - Ruggedized Wintel Solutions; FishTools, - VPN/TCP_Wrapper/Portal Solutions

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Databases

Databases: Oracle, SQL Server, MySql, Access

Hardware

Hardware: Multi-Processor SUN, and Intel Systems, Compaq (DL320, DL360, DL380, PL7000, PL3000, PL8500, ML760, and ML530), SCSI Raid Controllers, Drives, Memory, Monitors, and Power Supplies, Printers, Switches, and Routers

Back Office Applications

Windows 2000/2003 Server, Microsoft Management Console (MMC) 1.2, Windows Terminal Services, Internet Information Server IIS 4.0/5.0/6.0, SQL Server 2000, Exchange 2000 Server, Host Integration Server (HIS) 2000, Systems Management Server 2.0 (SMS), Internet Security and Acceleration (ISA) Server 2000, Rights Management Server, and Sharepoint Portal Server

Telecommunications (Protocols and Packages)

TCP/IP, TCP, UDP, ARP, DNS, FTP, SSH, RSH, RPC, DHCP, BOOTP, SNMP, BGP, RIP, OSPF, NETBEUI, ProComm, PC Anywhere III/IV, RAS, Win fax, and others.

Customers

Pentagon Force Protection Agency (PFPA)
Court Services Offender Supervision Agency (CSOSA)
Internal Revenue Service, Mission Assurance (IRS/MA)
Department of State, Bureau of Human Resources and Payroll (HR/P)
Department of State, Bureau of Intelligence and Research (INR)
Department of State, Bureau of Diplomatic Security (DS)
Department of State, Bureau of Management (M)
Department of Justice (DOJ)
Department of Treasury (DOT)
Office of Personnel Management (OPM)
Space and Naval Warfare Systems Command (SPAWAR)
Lockheed Martin Aerospace Division (LMAERO)
International Business Machines (IBM)
III Special Operations Training Group (III SOTG)
III Marine Expeditionary Force (USMCIIIIMEF)
Naval Electronic Warfare Squadron (VAQ-131)
Computer Sciences Corporation (CSC)
3rd Force Reconnaissance Battalion
5th Force Reconnaissance Battalion
General Dynamics (GD)

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British Aerospace (BAE)
Naval Seal Team 5

Foreign Languages

English - Fluent,
Japanese - Minimal,
Spanish – Minimal,

PUBLICATIONS

- Linux Clustering with CSM and GPFS (an IBM ITSO publication) Aug '03
- Emerging Threats and Global BotNet Mitigation, Syngress '07
- IS 305/315 Risk Management and Intrusion Detection
- IS 404/414 User Authentication Systems and Role Based Security
- IS 411 Security Policies and Implementation Issues
- IS 418 Securing Linux Platform and Applications
- Others publications released for internal communications only

DISTINCTIONS OR HONORS

Nominated for the Gen G. C. Thomas Award for Inspirational Leadership
Certificate of Achievement (Niles – Systems Automation Group)
Marine Certificate of

Appreciation for Operation Stabilise (East Timor)
Naval/Marine Corps Achievement Medal
Humanitarian Service Medal
Certificate of Commendation
Overseas Service Ribbon

Naval Certificate of

Appreciation

Marine Corps - Good

Conduct Medal

Marine Corps - Rifle Expert

Badge

Sea Service Deployment Ribbon
Meritorious Mast

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