

Lewis Campbell

Compliance Analyst @ Comtec Information Systems / PSE&G

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Summary

Previous	Director Of Information Technology @ Dine Development Corporation
Preferred	CIO CISO
Location	Farmington, NM, US
Desired Work Settings	No Preference
Willing to Relocate	Yes
Work Authorization(s):	Authorized to work in the United States on a full-time basis.
Security Clearance Info:	US Citizen (for security purposes)
Employment Type	Full-time Contract - Corp-to-Corp Contract - Independent Contract - W2 Contract to Hire - Corp-to-Corp Contract to Hire - Independent Contract to Hire - W2
Total Experience	35 years
Education	Bachelors @ New Mexico State University
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Summary

I am a Senior Security, Network Design and IT professional with a CISSP Certification, past MCSE certification and significant experience in IT Security and compliance, industrial control systems (e.g. SCADA, DCS, EMS, etc.), wide-area and local networking and client-server database development. I am also a former employee of Microsoft Corporation, part of the team responsible for the development of the networking components (NDIS) of Windows for Workgroups (Windows 3.1), Windows 95 and Windows NT in the late 80's and early 90's at the Microsoft Corporate Campus in Redmond Washington. I am also an accomplished college instructor, writer and public speaker with an Advanced Communicator Bronze rating from Toastmasters International.



Experience

Comtec Information Systems October 2022 – Present
ComTec Information Systems is a technology staffing company that provides providing IT and Engineering solutions and services to enterprises and governments. As a Comtec consultant I currently fill the following contract position.

Public Service Electric and Gas Company (PSE&G) October 2022 – Present
Gas Operations
Compliance Analyst – Newark, New Jersey
PSE&G is a subsidiary of Public Service Enterprise Group (PSEG) supplying electricity and natural gas services for 2.2 million electric customers and 1.8 million gas customers in more than 300 communities from Bergen to Gloucester counties in the state of New Jersey, including New Jersey's six largest cities.
I am the lead consultant developing PSE&G's Gas Operations cybersecurity compliance program in response to the United States Transportation and Safety Administration's (TSA's) recently-issued Pipeline Security Directive version 02C. The Pipeline Security Directive requires two phases: an initial Cybersecurity Implementation Plan (CIP) and a follow-up Cybersecurity Assessment Program (CAP).
In this position, I developed the CIP in conjunction with PSE&G's IT and Operational Technology (OT) teams and am currently developing the CAP.

Diné Development Corporation November 2016 – October 2022
Scottsdale, Arizona
Diné Development Corporation (DDC) is a global holding corporation owned by the Navajo Nation and specializing in IT-related government contracts. DDC owns a number of subsidiaries including Nova Corporation and DDC Information Technology Services. I held two roles at DDC.

Director of Information Technology November 2019 – October 2022
Because of the sudden departure of the company's previous IT Director and the need for a new director with significant strategic and compliance experience, I was asked by the DDC CEO if I could step out of my role on the Board of Directors and fill the lead IT role.

My major accomplishment in this role has been to direct IT in a strategic shift along the IT maturity model from ad-hoc IT management to process-and-metric-based, efficiency and decision making. Recent increased enforcement of the NIST 800-171 cyber security standard by the Federal Government as well as evolving demands concerning the new CMMC (Cybersecurity Maturity Model Certification) and the company's need to be compliant with ISO 20000-1 and ISO 27001 afforded the opportunity to develop and implement a comprehensive compliance program to facilitate the move to process-based IT. As part of this effort, we developed and implemented a complete library of policies, processes and procedures from the bottom up to address all the relevant requirements. We also built an entire nested network (similar to a typical industrial control network) to handle Controlled Unclassified Information (CUI) as dictated by the NIST 800-171 and CMMC standards.

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Member, Board of Directors

November 2016 – November 2019

During my tenure on the DDC Board of Directors DDC's revenues increased from \$40 to \$70 million per year. As part of the seven-member board, I share responsibility for all high-level fiduciary decisions for the corporation including regular review and analysis of corporate and subsidiary financials, oversight of annual audits and review and management of quarterly projections and annual budgets, all with an eye towards efficient risk management. I also share responsibility for setting and governing corporate policy and enforcing the mission and vision of the organization. I was chosen for the board partially because of my technology background, and thus serve as the point member for technology issues. I was also a member of the audit committee, and in that role, helped oversee the external auditing function and worked with the board to provide deeper oversight into the corporation's financials and internal auditing function.

ESG International, Incorporated

September 2018 – November 2019

ESGI is a technical services and engineering firm that provides specialized design, engineering and technical services for Electric, Gas and Water utilities. As an ESGI consultant I currently fill the following contract position.

Entergy Corporation

September 2018 – November 2019

Information Technology

Compliance Specialist – The Woodlands, Texas

Entergy Corporation is an integrated energy company supplying electricity to 2.9 million utility customers in Arkansas, Louisiana, Mississippi and Texas with annual revenues of approximately \$11 billion and more than 13,000 employees. As a member of the Information Security Performance and Regulatory Compliance team, I provide NERC-CIP compliance review and consulting services. In my time at Entergy I have participated in the following:

- Planning and execution of a comprehensive NERC CIP Program Assessment. Our team of three performed extensive deep-dives with SMEs across the corporation to thoroughly document current processes via detailed process mapping. As a next-phase project, we then used that documentation to develop specific, real-world internal control tests tied to NERC-CIP requirements and used the company's Governance, Risk and Compliance (GRC) system to schedule those tests with appropriate periodicity and SME responsibility. My focus during that effort was on the parts of the project related to CIP-004-6, CIP-006-6 and CIP-007-6.
- Compiling of evidence and production of RSAWs and other documentation for self-reports to SERC, the relevant regional authority.
- Review of cyber events for NERC-CIP relevance. My responsibilities included serving on the CIP review board, making assessments about potential CIP applicability, and following CIP-related issues throughout the life cycle from discovery to self-report (if necessary).
- Drafting of responses to Requests for Information (RFIs) from SERC, the relevant regional authority.

Bridgewater Consulting Group

May 2018 – September 2018

Bridgewater Consulting Group is consulting that delivers full-service Technology Consulting, Management Consulting, Learning & Development Services, and Business Process Improvement Consulting. As a Bridgewater consultant I filled the following contract position.

Southern California Edison (SCE)

May 2018 – September 2018

Power System Controls – Grid Services – Security & Compliance Operations

Compliance Analyst – Alhambra, California

SCE is a subsidiary of Edison International supplying electricity for 14 million people across a service territory of approximately 50,000 square miles in Southern California. As a member of the PSC Grid Security & Compliance team, I provided NERC-CIP evidence collection efforts for all CIP standards, focusing primarily on CIP-007 and CIP-010.

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At SCE, those evidence collection efforts involved importing and exporting data to and from Leidos Industrial Defender and BMC Remedy on a daily basis. I also imported and parsed data from Netstat and NMAP scans and generated CIP-007 and CIP-010 reports from all of the above for RSAWs and WECC audit Data Requests.

ESG International, Incorporated

April 2018 – April 2018

ESGI is a technical services and engineering firm that provides specialized design, engineering and technical services for Electric, Gas and Water utilities. As an ESGI consultant I filled the following contract position.

Duke Energy

April 2018 – April 2018

Transmission and Distribution Compliance
Compliance Analyst III – Plainfield, Indiana

Duke Energy is one of the largest electric power holding companies in the United States, providing electricity to 7.6 million retail customers in six states. In my brief stint as a member of the T&D Compliance team, I served as compliance coordinator/analyst for the Midwest region, overseeing all compliance efforts for all NERC-CIP standards from CIP-002 through CIP-014. I left this position because of a very competitive offer from Bridgewater and Southern California Edison.

BRIDGE Energy Group

May 2014 – November 2017

BRIDGE Energy Group is a utility-only system integration and consulting firm with experience and solutions for Electric, Gas and Water utilities. As a BRIDGE Energy Group senior consultant, I filled the following contract positions.

New York Independent System Operator (NYISO)

September 2017 – November 2017

Security Governance Team

Senior Security and Compliance Consultant – Albany, New York

NYISO is one of seven independent ISOs serving two thirds of the U.S. and the sole operator of New York's power grid. As a member of the NYSIO Security Governance team, I provided governance review and oversight of all NERC-CIP standard efforts including the following:

- CIP-002-5.1a R2 15-month BES Cyber System list update and review.
- CIP-007-6 R5.6 15-month shared account password status review.
- CIP-004-6 R4.2 quarterly access review.
- CIP-004-6 R4.3 15-month role, group, user and privilege review.
- CIP-004-6 R2.3 training efforts.

I was also the project manager for the following effort:

- CIP-010-2 R3.2 Active Vulnerability Assessment project.

In addition, I was tasked with consulting regarding processes and procedures for NYSIO's complete NERC-CIP program.

Exelon Corporation Cyber and Information Security Systems (C&ISS)

September 2016 – July 2017

Real-Time Systems Security Engineering (RTSSE)

Senior OT Security Engineer – Owings Mills, Maryland

Exelon is currently the largest commercial energy provider in the United States. The C&ISS RTSSE team is specifically responsible for the security of Operational Technology (OT) networks within the various utilities across Exelon. At Exelon C&ISS, my role was to supplement the work of the full-time OT-focused team by producing the following:

- Evidence compilations, RSAWs and other documentation for self-reports and audit submissions to the various regional entities overseeing Exelon's various service areas.
- Comprehensive security specifications and processes pursuant to CIP Version 6 and IEC-62443.

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- Consulting guidance, documents and data templates for Vulnerability Assessment (VA) projects pursuant to CIP-010-2 R3.
- Transient Cyber Asset and Removable Media guidance, produces and procedures pursuant to CIP-010-2 R4.
- Incident Response Plans for Exelon's Gas Plant, Chemical Plant and Generation Plant facilities pursuant to CIP-008-5.
- Consulting guidance and documents for Low Impact (LERC/LEAP) walk downs pursuant to CIP-003-7 R2.
- Consulting guidance, processes and procedures for Chemical Facility Anti-Terrorism Standard (CFATS) training requirements.

Exelon Corporation Philadelphia Electric Company (PECO)

Jan 2016 – June 2016

Senior Consultant NERC-CIP Compliance SME – Philadelphia, Pennsylvania

The PECO SCADA Engineering team is specifically responsible for the security of OT networks within the Exelon PECO utility. At PECO, my role included the following:

- Tying together the OT Master Device List with all other CIP-007 data including patch management discovery, malicious code prevention, password management and security monitoring data.
- Collaboration with the team to develop and execute a patch assessment processes. This effort included developing a VB/SQL-based custom database for tracking historical and current patches, and integrating that database with Exelon's corporate CatsWeb/AssurX patch management tool.
- Incorporating work order results for password management and security monitoring.

Exelon Corporation Commercial Information Technology

May 2014 – Nov 2015

Senior Consultant NERC-CIP Compliance SME – Baltimore, Maryland

I filled a lead role of a four-person security compliance team for Exelon's Commercial IT arm in Baltimore Maryland. For the first seven months of our engagement we developed and implemented a CIP Version 3 compliance plan for a project to upgrade the Commercial division's generation dispatch SCADA system. For the remaining eleven months of the engagement we managed the system's CIP Version 3 compliance and began the system's transition to CIP Version 5 compliance.

As part of that team, our role was to survey and catalog the Commercial IT network topology, both within individual LANs and across the WAN as a whole, and to document the following:

- Change Management procedures pursuant to CIP-003-3 R6 and CIP-010-1.
- Design, security and functional testing procedures for changes pursuant to CIP-007-3 R1 and CIP-010-1.
- Account management and review procedures pursuant to the Version 3 standards CIP-003-3 R5, CIP-004-3 R4 and CIP-007-3 R5 and the Version 5 standards CIP-004-5 R4-R5, CIP-005-5 R1.4, R2.3 and CIP-007-5 R5.
- Disaster recovery procedures per CIP-009-3 and CIP-009-5.
- Incident response plans per CIP-008-3 and CIP-008-5 (including during actual events)
- Routine hardware and software audit procedures of all supported systems.
- Patch management procedures pursuant to CIP-007-3 R3 and CIP-007-5 R2 (including manual oversight to augment shortcomings of automated patch deployment systems).
- Reliability Standard Audit Worksheets (RSAWs) and evidence compilation documents in response to RF audit data requests and third-party CVAs.
- Investigation response documents into potential NERC-CIP and corporate information technology policy violations including determination of said violations.

PNM San Juan Generating Station

June 2012 – May 2014

Senior NERC-CIP Network and Security Specialist

San Juan Generating Station (SJGS) was a Bulk Power System Critical Asset (CA) in the Public Service Company of New Mexico (PNM) family. Prior to my employment at PNM, the NERC regional entity WECC found SJGS in violation of almost

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every requirement from CIP-002-3 through CIP-009-3 and had just approved a massive one-year mitigation plan to achieve compliance. Our 3-person team was hired to execute this mitigation plan and facilitate on-going compliance. We completed all the milestones of the mitigation plan on-time and brought the station into compliance in less than a year.

My part of the mitigation effort included maintaining a database of evidence for all CIP standards with a particular focus on CIP-004, 005 and 007. During this time, I also worked closely with SigmaFlow, proving them with my data schema as a blueprint to customize their software product for our use.

As part of that mitigation our team developed and implemented NERC-CIP Version 3 standards and operating procedures encompassing all requirements from CIP-002-3 through CIP-009-3. Our role was also to survey and catalog the network topology, both within individual LANs and across the WAN as a whole, and to document and report evidence including the following:

- Detailed network diagrams with specific focus on Critical Cyber Asset (CCA) and Non-CCA devices and systems and Electronic Security Perimeters (ESPs) on the station's Foxboro/IA DCS system.
- Comprehensive Change Management procedures pursuant to CIP-003-3 R6.
- Comprehensive design, security and functional testing procedures for changes pursuant to CIP-007-3 R1.
- Account management and review procedures pursuant to CIP-003-3 R5, CIP-004-3 R4 and CIP-007-3 R5.
- Disaster recovery procedures per CIP-009-3.
- Incident response procedures per CIP-008-3 (including during actual events)
- Routine hardware and software audits procedures of all supported systems.
- Patch management procedures pursuant to CIP-007-3 R3 (including manual oversight to augment shortcomings of automated patch deployment systems).
- Malware management programs pursuant to CIP-007-3 R4
- Security Information and Event Management (SIEM) and other alerting and monitoring system design and monitoring procedures including review and processing of data and access logs generated by those systems.
- Reliability Standard Audit Worksheets (RSAWs) and evidence compilation documents in response to WECC audit data requests and third-party CVAs.
- Investigation response documents into potential NERC-CIP and corporate information technology policy violations including determination of said violations.

Cintigy Systems, Inc.
President

January 2004 – Present

Farmington, New Mexico

I own and operate an I.T. security and development consulting company with a staff that included up to seven people. My accomplishments at Cintigy include:

- Evaluation and security auditing of network systems for NERC CIP, NIST, PCI and HIPPA compliance, as applicable.
- Design, budgeting, project management and implementation of security-compliant server and networking solutions for organizations ranging from 6 to 670 machines with an eye towards the aforementioned security standards. Installed and oversaw installation of full range of servers based on Microsoft server products including but not limited to Windows Server (2000–2019), Exchange Server (2000-2010), and SQL Server (2000-2017) on single servers and multiple load balanced and/or clustered configurations. Server types included all major brands, Dell PowerEdge, HP/Compaq DL/ML, IBM xSeries, etc. All server hardware RAID based. Provided ongoing management of the same networks.
- Design, budgeting, project management and implementation of multiple-site wide area TCP/IP networks using various brands of technology including Cisco ASA and 18xx series products. Provided ongoing monitoring and troubleshooting via standard techniques and the use of network monitoring and protocol analysis tools.
- Design and development of web and VB-based client-server applications, including three-tier ASP.NET/VB/COM/SQL applications with high-transaction SQL-based databases for various world-wide Fortune 500 corporations and public institutions.

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San Juan College, Center for Workforce Development
(Formerly Business and Industry Training) Adjunct Instructor
Farmington, New Mexico

1995 – 2018

I developed and taught Information Technology and Cyber Security related curriculum including Microsoft Certified Solutions Associate (MCSA) and Microsoft Office Specialist (MOS) preparation courses for the college's Center for Workforce Development (CWD) department and, occasionally, for the college of business. I occasionally advised the CWD executive staff concerning certification programs, grant proposals, strategy planning and other initiatives. I also planned and participated in numerous workshops, deep-dives and conferences organized by the CWD and the college.

Sports Express LLC
Director of Information Technology

March 2001 – December 2003

Sports Express (www.sportsexpress.com) is an automated luggage and sports equipment delivery company based on a sophisticated core web application that integrates with the web-based APIs of major shipping companies including FedEx, DHL and UPS. I was the first Information Technology Director for Sports Express, joining the company at its founding. Together with my team, my primary responsibility at Sports Express was the development and management of the aforementioned core application. My direct reports included five personnel engaged in four major tasks: web development, client-server development, telecom management and networking/systems management. At Sports Express, in addition to managing the I. T. team I was responsible for:

- Overall design, development and maintenance of the company's core ASP/VB/MS-SQL-based web application.
- Development of custom extensions for the company's core ASP/VB/MS-SQL-based web application.
- Design, build-out and development of the company's multi-level load-balanced web data center implementing Microsoft ISA, Commerce Server, IIS, DNS, Message Queuing (MSMQ), network load balanced (NLB) server arrays, and Microsoft SQL server arrays in fail-over cluster configurations.
- Installation and maintenance of the company's 3Com NBX Ethernet-based LAN TeLANophy telephone system and the company's EasyRun Epic Center call center management application.

SunRay Park and Casino
Director of Information Systems

April 1999 – February 2001

As the head of the Information Technology department, I joined the founding directors prior to the rebuilding of the defunct San Juan Downs horse track into what is now SunRay Park and Casino. I was the first effective I.T. Director for the facility. I designed and coordinated the implementation of the computer and communication network for the entire property including the casino, simulcast lounge, entertainment venues and the horseracing facility. I was responsible for:

- Development, documentation and implementation of corporate I.S. policies, procedures and standards.
- Design and implementation of all Microsoft Windows NT-based file servers, firewalls, and Cisco routers.
- Design installation and maintenance of Microsoft Windows-based workstation network.
- Installation and maintenance of the company's 3Com NBX Ethernet-based LAN TeLANophy telephone system.
- Design and implementation of closed-circuit video camera, broadcast and distribution system.
- Establishment and maintenance of Cat5, Cat6, RG-6, RG-59 and Fiber wiring infrastructure as well as multi-T1 and POTS DMARC points and IDFs.
- Design, development and maintenance of a Microsoft Access/VB/MS-SQL-based slot machine and revenue accounting software system that was used as the core enterprise application for many years after my departure.

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BHP Minerals

August 1994 –April 1999

Network Administrator

At BHP Minerals I served as a member of the team reporting to the Director of Information Systems. I was directly responsible for many key functions including:

- Conversion of New Mexico Operations from a set of small isolated PCs to a Windows NT 4.0-based WAN combining five geographical locations. This included a project to link the isolated LANs using Cisco 4000 routers via microwave radio.
- Implementation of multiple Windows NT file servers, domain controllers and Exchange servers at various sites all tied to master servers at the main LAN.
- Design and implementation of a company-wide automated image rollout of 600 workstations. This was prior to the availability of imaging software and had to be accomplished with scripting tools.
- Development, documentation and implementation of BHP New Mexico I.S. policies, procedures and standards.
- Development of a number of Microsoft Access databases including a comprehensive learning management system.

Alicia's Paper Productions

September 1992 – July 1994

Owner

- Owner/Operator of a specialty business providing free-lance services to local securities firms and technical colleges.

Microsoft Corporation

September 1989 – September 1992

Technical Writer II

I worked at the Microsoft main campus during one of their most explosive periods of growth, in the center of the DOS/Windows development team. I also immersed myself in Microsoft SQL, Microsoft Access, Microsoft Visual Basic and ASP development before many of those products were first released to the public. At Microsoft, my accomplishments included:

- Participation in the development of the TCP/IP stack and the Network Driver Interface Specification (NDIS) for Microsoft LAN Manager 2.0, Windows for Workgroups (Windows 3.1), Windows 95 and Windows NT 3.1.
- Development of user interfaces for above products.
- Production of specifications, end-user documentation and networking administration and programming documentation (both hardcopy and on-line) for Windows 3.1, Windows 95, Windows for Workgroups and Windows NT 3.1.
- Contribution to the development of Windows NT 3.1 and numerous other lower profile products.
- I was a co-author of the LAN Manager Programmer's Guide for Microsoft Press.
- I also wrote articles for the Microsoft Networking Journal, an independent technical newsletter.

Other Positions

San Juan College, College of Business

1995-1996

Adjunct Instructor

SARA Systems Incorporated Las Cruces, New Mexico

January 1989 – September 1989

Software Engineer

New Mexico State University Physical Plant Department

August 1984 – September 1989

Technical Aide

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Education and Certifications

New Mexico State University
Bachelor of Arts Degree in English with a concentration on Technical Writing

Certified Information Systems Security Professional (CISSP)

Microsoft Certified Systems Engineer (MCSE)

Toastmasters International – Advanced Communicator Bronze (ACB)

References

Nate Holmes	IT Director	Riley Industrial Services, Inc. <hr/>
Derrick Zahne	CFO	Navajo Engineering & Construction Authority <hr/>
Daniel Ziesmer	President	Centripetum, LLC <hr/>