

# Edward J. Liebig

Information Security Executive | Growth Enablement

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## LEADERSHIP PROFILE

Highly experienced and internationally recognized Information Technology/Security Leader with four decades (42 years) in IT and over three decades (32 years) in IT and Cybersecurity. Establishes Cybersecurity Programs and IT/OT Operations, utilizing threat metrics/risk profiles to strategize IT and cybersecurity solutions. Well versed in defining and managing overall cybersecurity programs for large multi-national and highly regulated Critical industries such as Financial Services (Banking, Insurance, Stock Trading), Other Critical Infrastructure (Chemical, Healthcare, Electrical, Telecommunications, transportation, natural resources) and Government (federal border protection, state infrastructure, and DOD systems) From idea through comprehensive implementation, these programs mitigate cybersecurity and risk management pitfalls. High-performing teams integrate technological requirements to increase revenue and business operations. Skillful negotiator of multi-million dollar contracts that boost infrastructure, organizational efficiency and eliminate downtime. Metrics-driven problem-solver with pinpoint accuracy.

## AREAS OF EXPERTISE

- IT / Security Budgetary Oversight
- Framework / Regulatory Assessment & Compliance
  - CCPA
  - GDPR
  - CIP
  - CIS
  - NIST 800-53
  - NIST 800-61r2
  - NIST 800-171r1
  - ISO-27001
  - ISO-27002
  - FEDRAMP
  - NISPOM
  - NISTIR 7628r1
  - CMMC
  - PCI/DSS
- Application, Vendor and Cloud Security reviews/assessments and compliance
  - Platform as a Service (PaaS)
  - Software as a Service (SaaS)
  - Virtual Server and Environment delivery
  - Infrastructure as Code
  - Drift detection
  - Development standards, security practices and policies
  - Software Defined Networking
  - Micro-segmentation strategies and technology deployment
- Transformation and Change Management
- Collaborative policy creation in highly matrixed environments
- Strategic Planning & Multi-year (2-5 years ahead) Roadmap
- Exemplary leader in strategic thinking and large scale planning
- Strategies for emerging technologies:
  - Cloud platform and application development/delivery
  - Kubernetes, Docker and other containerization strategies
  - Block Chain
  - Robotic process automation
  - AI
  - UEBA
  - Hadoop
  - Isilon Array, Cluster Storage

## AREAS OF EXPERTISE

- Corporate wide risk analysis; engaging Cybersecurity with business management and other stakeholders
- Security Threat Profiling
- Creator of “Threat Bow Tie” assessment process
- Threat Assessment and control gap analysis
- Emerging Cyber and business threat analysis
- Continuous review and re-engineering of security controls and processes to efficiently reduce and manage risk
- Compensating and Mitigating Control enhancement recommendation
- Data Protection, Data Loss Prevention and Encryption technology selection and implementation
- Security control processes to integrate into the SWIFT, Fed-Wire, and CHIPS system
- Identity & Access Management and Privileged User Access strategy, technology and implementation
- Practical Proof of Concept Testing
- IT / Cybersecurity Consulting
- Third Party Information Security Assessment Program management
- Secure Development Lifecycle (SDLC) policy, process and testing definition and management
  - Establishment of a policy and process framework for Secure Development Lifecycle
  - Integration of standard security practices into the development objectives
  - Track security in line with “bug” tracking
  - Establish security requirement tracking and testing regiment
  - Testing of security rigor at points in the SDLC commensurate to the development methodology
- Security Incident Response Management (holistically across the business and technology)
- Technology Assessment
- IT Infrastructure Management and Development
- High-Performance Team Mentorship
- Revenue Generation
- Program / Project Management
- Contract Negotiations
- Budget Management for complex organizations in excess of \$30m while achieving corporate objectives
  - Promoting OpEx savings through automation and staff efficiency
  - Identifying redundancy and efficiencies between departments and areas of responsibility
  - Streamlining and automating the response processes (removing HMI where possible)
- IT & Security Tool Management
  - Implementation
  - Business Rule Definition
  - Policy
  - Operational Sustainability
  - Configuration Management
  - Sample Technologies & Programs
    - DLP, SEIM, SOAR, EDR, Penetration Testing, Forensic Analysis, eDiscovery
- Strong interpersonal communication skills
- The ability to explain and clarify highly complex and technical issues for non-technical business leaders
- Well versed at communicating up to board levels and down to highly technical personnel
- Creative leader, able to think “outside the box”
- Analytical leader that leverages metrics to drive improvement in security and efficiency
- Collaborative leader that is a “high performance team” builder in highly matrixed organizations
- Productive leader always driving global teams to strive to over-deliver
- Adaptable leader who embraces and drives change for growth, progress, and the good of the organization
- Relationship builder with the motto “people do business with people”
- Excellent problem solver
- Excellent track record of driving global teams to deliver complex and challenging results on deadline
- Ability to quickly understand and solution for challenges that span across multiple functional areas