# BRYAN W. HEMERKA, MBA, MS-ISM, CISM, CSPO

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Cybersecurity executive highly competent in information security, information systems management, and business management with a passion for continuous learning. Strong ability to directly relate information technology’s (IT) goals and objectives to the business’s strategic goals and objectives. Proficient in managing software and product development using agile with scrum and Kanban methodologies. Key core qualifications include:

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| * Information Security & Privacy
* Strategic & Tactical Project Planning
* Security Awareness Training
* SSAE 18 SOC 2 Type 2
* PCI-DSS
 | * Strategy Formulation & Implementation
* Global Security Leadership & Ownership
* Risk Management, Assessments, & Analysis
* Change Management
* HIPAA-HITECH
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# PROFESSIONAL EXPERIENCE

 [NimbleCISO, LLC](https://nimbleciso.com) // Maximize Security, Minimize Business Risk

 **Owner & Founder** (October 2024 – Present)

 Virtual Chief Information Security Officer (vCISO) services tailored and customized to business needs.

 Strategic guidance, risk management, regulatory compliance, and incident response planning.

Integrex Health, Remote

 **Chief Operations Officer (COO)** (October 2024 – Present)

 Reports to the Chief Executive Officer (CEO) and Board of Directors (BoD)

Governs the development and execution of operational plans to ensure seamless business operations. Drives continuous improvement initiatives to optimize processes, reduce costs, and enhance efficiency. Ensures all products and services are optimized, maintained, and primed for scalability. Leads cross-functional teams to achieve operational excellence and deliver superior results. Monitors key performance indicators (KPIs) and implement corrective actions as needed. Collaborate with finance to optimize resource allocation and ensure the financial health of the organization.

* Collaborates with Chief Information Officer (CIO) and IT team to migrate production systems from Infrastructure-as-a-Service (IaaS) colocation facility to the Google Cloud Platform (GCP). As a direct result, we achieved greater than 95% accuracy during regression testing against on-premises hardware, increased availability of API services to over 99.9%, and stress-tested API services to reach 40 requests per second to accommodate scalability and growth of the products.
* Implements KanBan methodology across the company. Team members posted their tasks on centralized product boards and worked the tasks sequentially through to completion, which included peer reviews and requests to management when tasks entered a blocked state. This fostered a culture of collaboration, teamwork, and accountability with increased visibility
* Navigates the company through an SSAE 18 SOC 2 Type 1 attestation
* Implements Microsoft Office365 and Entra ID to enhance security of our identity and access management (IAM), including adoption of multi-factor authentication (MFA)

Coronis Health, (acquired prior employer), Remote & North Augusta, SC

**Vice President, Information Security** (November 2022 – October 2024)

Reports to Chief Technology Officer (CTO) and Chief Compliance Officer (CCO)

Responsible for ensuring the confidentiality, integrity, and availability of patient data and financial information across the global enterprise. Critical in protecting sensitive data, maintaining the organization's reputation, and formulating and implementing the information security strategy across multiple departments and lines of business.

* Developed and implemented a comprehensive information security strategy aligned with Coronis Health's business objectives and regulatory compliance requirements, to include HIPAA-HITECH, SOC 2 Type 2, PCI DSS, and ISO 27001
* Building and driving a cybersecurity strategy and framework, including implementing advanced security measures and continuously monitoring potential threats.
* Leading security assessment and testing processes, such as penetration testing, vulnerability management, and secure software development.
* Overseeing incident response plans and managing the response to potential security incidents or breaches.
* Providing strategic risk guidance and consultation for IT projects, evaluating and recommending technical standards and controls.
* Fostering a culture of security awareness and providing security education and training for employees.
* Collaborating with other executives to integrate cybersecurity into the organization's goal

MiraMed Global Services, Inc. (acquired prior employer), Remote & North Augusta, SC

**National Director of Information Security** (August 2019 – October 2022)

Responsible for the governance of current and future state security solutions across 7 separate entities geographically spread across 5 time zones (3 contiguous United States, 1 India and 1 Philippines). Created an information privacy and security-conscious culture consisting of roughly 5,000 employees. Develops and implements information security initiatives and roadmaps; conducts and oversees monitoring and auditing of compliance with regulatory and internal standards including investigations related to policy violations, security breaches and cybercrimes. Communicates risk to executive management to help understand and mitigate to an acceptable level. Reports to the President.

## Strategic

* Oversaw and managed the Information Security & Privacy Committee consisting of representation from 7 separate internal entities
* Collaborated with enterprise-wide leadership to drive the emergency preparedness, communications and recovery plans as a result of the COVID-19 pandemic
* Held awareness sessions with the Board of Directors regarding risks facing the enterprise with realized and non- realized financial and reputational impacts
* Consolidated service auditors to drive better governance and compliance, reduce audit fatigue and costs all while increasing the scope of external assessments required to address the inherent risk to the enterprise

## Tactical

* Collaborated with vendor, verified and remediated external and internal vulnerability assessments and penetration tests
* Identified, researched and communicated the need for a global Security Operations Center-as-a-Service (SOCaaS) provider
* Maintained a risk register for documenting risks and mitigations
* Created and performed annual Compliance training for privacy, security and overall HIPAA-HITECH requirements

## Operational

* Perform monthly audits of logical and physical access reviews to confirm logging presence and analyze for security incidents and event management follow up
* Collaborate with Compliance department on internal compliance incidents to review and conduct breach analysis via low probability of compromise risk assessments

Medac, Inc., North Augusta, SC

**Chief Information Security Officer** (July 2018 – July 2019)

Responsible for establishing, maintaining and overseeing the enterprise-wide vision, strategy, policies and programs to ensure corporate assets are protected, while maintaining an understanding of the challenges facing healthcare providers. Identifies, analyzes and evaluates risks and provides cost effective viable options and mitigations. Ensures that IT systems are secure and comply with external regulatory and legislative requirements. Creates an information privacy and security-conscious culture.

Develops and implements information security initiatives; conducts and oversees monitoring and auditing of compliance with

regulatory and internal standards including investigations related to policy violations, security breaches and cybercrimes.

Reports to the Chief Executive Officer.

## Strategic

* Navigated the enterprise through annual SSAE 18 SOC 2 Type 2 attestations, HIPAA-HITECH Risk Assessments, and PCI DSS Level 1 readiness assessment.

## Tactical

* Maintain HIPAA Electronic Book of Evidence, Incident Response and Breach Notification policy, Business Continuity and Disaster Recovery tests
* Coordinate and verify external vulnerability scans via WhiteHat Sentinel
* Coordinate and verify external penetration tests via Trustwave, Approved Scanning Vendor for PCI-DSS
* Maintain a risk register for documenting risks and mitigations

## Operational

* Perform monthly audits of logical and physical access reviews to confirm logging presence and analyze for security incidents and event management follow up
* Collaborate with Compliance department on internal compliance incidents to identify incidents and conduct breach analysis via low probability of compromise risk assessments

**Director, Information Services** (April 2011 to June 2018)

**Acting, Senior Vice President of IT & Chief Information Officer** (July 2013 – October 2013)

Provides leadership and management to the Information Services team consisting of 3 senior software developers, systems administrator, and 6 service desk personnel. Responsible for all aspects of IT management and control, including supervision of IT employees; budget preparation and management; recommendations for technical acquisitions; and development of guidelines, standards and procedures. Charged with strategic planning, tactical action, and operational decision-making to fulfill the mission of the IT department. Reports directly to the Chief Technology Officer (CTO).

## Strategic

* Aided CISO and other members of Executive Management in navigating through annual SSAE 16 SOC 2 Type 1 and SOC 2 Type 2 audits, annual HIPAA Risk Assessments, and PCI DSS Level 3 compliance
* Analyzed 3 year capital and operational costs of upgrading local data center versus migrating to a Cloud Service Provider (CSP). Performed Request for Proposal (RFP) to identify and contract with a CSP for Infrastructure as a Service (IaaS) with SSAE 16 and HIPAA compliance.
* Oversaw Software Asset Management (SAM) engagement to analyze current Microsoft licensing by identifying gaps in compliance. Signed Microsoft Enterprise Agreement Subscription (EAS) to bridge the compliance gap and reap the most cost-effective licensing (for Medac) offered by Microsoft.
* Co-created the Medac IT roadmap with the CEO of Mobile Epiphany and communicated its purpose and function to the Board of Directors and the entire IT department.
* Consolidated 3 offices in the Augusta, GA area and all networking and data center components into 1 newly constructed building in North Augusta, SC.
* Used agile with scrum methodology to oversee the development of new Patient Revenue Cycle (PRC) program, constituting patient statements, automated calls, and collections files. PRC is now configurable to include customized statement cycles with various actions occurring on customer-specific intervals.

## Tactical

* Responsible for ensuring production systems are patched on a no longer than monthly basis, sometimes sooner depending on vulnerabilities getting patched
* Responsible for all (approximately 700) inbound and outbound data interfaces with external entities.
* Responsible for all report development and data analysis for internal and external customers.
* Identified the need for future IT projects and worked with the IT Steering Committee to make them formal projects with charters, scope, time, and budgets for execution.
* Aided in the sales process for prospective clients by creating and sharing marketing material and performing live demonstrations of various technologies and solutions.

## Operational

* Responsible for the day-to-day operations of the IT Service Desk consisting of 4 desktop support analysts, 2 application support analysts, and 1 systems administrator. On a rolling 6 month average, approximately 1,300 tickets are opened and 1,200 are closed, resulting in a 94% close ratio.
* Contributed as on-call (after hours service desk 7:00PM – 7:00AM Eastern), once a week, for a rolling 9 weeks.
* Responsible for monitoring local and private cloud data centers to ensure systems and network are fully operational. Leveraged Active Experts Network Monitor to distribute appropriate communications (email vs. text message) regarding server, storage, and network failures.

**IT Project Manager** (March 2010 to March 2011)

Implements project direction and priorities set by the sponsors. Develops and maintains all project management framework documentation. Facilitates communication across the organization by conducting meetings to evaluate project status, progress, coordinate issue resolutions, and to monitor and control resources and schedules.

## Manage / Control / Facilitate

* Lead and manage a project to implement new reporting software (*Cognos 10* from IBM) with ad hoc capabilities and interactive reports for both internal and external customers. Increased customer satisfaction by enabling users to create their own analysis and reports. Decreased the number of existing reports resulting in less maintenance and support for the IT staff, ultimately increasing productivity.
* Lead and manage a project to develop a new solution via state-of-the-art rapid data collection and asset inspection software (*Touch Inspect* from Mobile Epiphany). Aided external customers (anesthesiologists) with collecting quality-related data about their cases to show proof of high-quality care and clinical excellence.
* Develop and create the Medac Project Management Methodology for managing company projects based upon industry standard Project Management Institute’s Body of Knowledge (PMBOK).
* Implement the IT Change Control process for managing all production system changes (issues, new features, bugs, etc). Decreased the number of backlog service requests by 48% in 3 months.

UNIVERSITY OF PITTSBURH MEDICAL CENTER (UPMC) HEALTH PLAN, Pittsburgh, PA

**Lead Business Analyst** (June 2009 to February 2010)

Supervises other Business Analysts (BAs) on a day-to-day basis and provides guidance as necessary. Responsible for the distribution of work assignments as well as workflow management and documentation of projects. Serves as a process expert and provides training and support to other Business Analysis staff as needed.

## Supervise / Communicate / Improve

* Supervised a highly talented and educated team, consisting of one BA II and one BA III, who were responsible for compiling all Quality Improvement (HEDIS) and Network Management analyses, metrics, and reports across the entire health plan.
* Effectively communicated with internal customers at the executive level to provide meaningful, statistically sound information at the highest level of quality and integrity – enhancing executive confidence to make mission critical decisions.

# TECHNICAL SKILLS & UNDERSTANDING

**Cybersecurity:** Incident Response; Breach Notification;VirtualBox Manager; Kali Linux; NMAP; SysMon; PEStudio; Tenable Nessus; Qualys; OWASP ZAP; Security Scorecard; CrowdStrike Falcon; ESET; SOPHOS; SSL Labs; VirusTotal; GitHub; Shodan; AD Audit Plus; SIEMaaS; SOCaaS

**AI:** ChatGPT; Gemini; Vertex AI Studio

**RDBMS:** SQL Server Management Studio; SSRS; SQL Profiler; Oracle

**Business Intelligence:** Data Warehouse; Operational Data Store; Power BI; Cognos 10; ETL; Crystal Reports

**Microsoft:** Windows OS; Office 365; Windows Server; Hyper-V; Command Prompt; Powershell; Windows Services; Active Directory; Team Foundation Server; SharePoint Online; Microsoft Licensing; Azure (PaaS)

**Email:** Exchange Online; Proofpoint; Barracuda Spam Filter & Archiver; Mimecast Secure Email Gateway **Data Center & Infrastructure Management:** SaaS (O365); IaaS (vCloud Director); PaaS (Azure) Networking; BYOD; MDM; Disaster Recovery; Backups (Local & Offsite); Retention Policies; Encryption; Data Media Destruction; Active Experts Network Monitor; Printing; UPS (Rack Mounted & Stand Alone); Generators; SonicWALL; Juniper vSRX; FortiGates

**File Transfer:** IpSwitch’s WS\_FTP Server; FileZilla; SecureFX

**EDI ANSI Standards:** 837; 835; 270; 271

**Governance:** COBIT; NIST; ITIL; PMBOK; Agile with Scrum

**Process Improvement:** Lean Six Sigma Yellow Belt

**Collaboration/Support:** Remedy; JIRA; TeamViewer; WebEx; Skype; Track-It!; Join.Me; GoToMeeting; Teams; Zoom

**Others:** McKesson’s Care Enhance Resource Management Software (CRMS); Mobile Epiphany’s Touch Inspect

# EDUCATION

John F. Donahue Graduate School of Business, Duquesne University, Pittsburgh, PA

## Master’s of Business Administration

* **Master’s of Information Systems Management**

John G. Rangos School of Health Sciences, Duquesne University, Pittsburgh, PA

* **Bachelor’s of Science, Health Management Systems**

# CERTIFICATIONS

ISACA Member, South Carolina Midlands Chapter

## Certified Information Security Manager (CISM), July 2017

Scrum Alliance

* **Certified Scrum Product Owner (CSPO), August 2017**

# CONTINUING EDUCATION

* **ITPro.TV** – active monthly subscription since 2016
* **Podcasts** – “Security Now”, “SANS Internet Storm Center Stormcast”, “Adversary Universe Podcast by CrowdStrike”, “Risky.Biz”, “CISO Stories”, “Cloud Security Podcast by Google”
* **Conferences** – Health Information Management Systems & Society, Bsides Augusta, Invest Augusta Cybersecurity; Techno Security & Digital Forensics Conference