

Chief Information Officer

Results-driven CIO with 25+ years of experience in strategic global IT architecting and leading, cybersecurity, and technology implementation. Proven track record of aligning technology with business goals.

Areas of Expertise

- Business Transformation
- Healthcare Systems and Medical Manufacturing
- Innovation
- Business & Financial Acumen
- Team Building & Leadership
- System & Software Development
- Cross-Functional Collaboration
- Cloud Computing
- Strategic Planning & Execution
- Cyber Security
- Project & Data Management
- Continuous Process Improvement
- ISO 27001, 22301, 13485
- Effective Communication
- Relationship Management
- Risk Assessment & Mitigation

Career Experience

The START Center, San Antonio, Texas

Jan 2019 – Present

Chief Information Officer / Data Privacy Officer

Oversee global infrastructure, application development, security, and support groups for dynamic and growing cancer treatment organization focusing on leading the market with innovation. Develop and execute hybrid cloud migration, enhance the order of magnitude improvements in performance, and build backup and disaster recovery capabilities. Devise effective plans to implement cost-effective technology, while ensuring data compliance to protect safe data management of clinical trials. Assess overall state of technology and create useful plans for implementing cost-effective technology that supports business progress. Establish and deploy a secure next-generation network by utilizing SD-WAN and zero-trust security models.

- Overhauled the technology division from an underperforming unit into one, providing a competitive advantage, while augmenting active business growth
- Architected and led implementation of advanced security posture including Zero Trust framework.
- Reconstructed a failed IT department into a thriving, ISO-certified team, that facilitated leading international clinical trial use and standards.
- Optimized visibility and management processes for internal clinical systems by improving data quality and data modeling and facilitating clinically enhanced decisions.
- Led implantation of new EMR, LIS, CTMS, regulatory management system & pharmacy management systems.
- Architected and led development cloud-based genetic lab management & customer platform.
- Achieved ISO 27001 and 22301 certifications successfully.

Seno Medical Instruments, San Antonio, TX

Jan 2016 – Jan 2019

VP of Information Technology

Headed organization's technological direction, including planning, implementing, and maintaining best practices that align with all corporate functions, while ensuring FDA CFR 21/11 and HIPAA compliance. In charge of rapid redesign and incorporation of all business systems, technologies, infrastructure, and operational/manufacturing practices to assist FDA premarket approval. Managed technical operations by administering all aspects of IT, such as system security/information management, corporate project management, infrastructure management, and data/cloud technology operations. Built IT teams and implemented comprehensive enterprise-wide technological strategies to support business plans regarding network selection, systems, and desktop platforms.

- Spearheaded strategic initiatives to address business requirements, such as corporate strategic plan structuring, identity management framework development, and security system strategy.
- Supervised execution of SAP Business ByDesign implementations for finance, engineering, purchasing, manufacturing, 3PL, customer service, distribution, and service/warranty.
- Reinforced the firm's security policies and mitigated existing and new threats as identified by inaugurating and monitoring information security programs.
- Developed and employed master computer systems validation plans and performance improvement strategies and plans to stimulate continuous improvement.
- Devised effective and strategic plans and communicated deadlines to ensure the timely completion of projects.
- Designed IT governance framework, including policies and procedures, to ensure excellence in project outcomes.

CeloNova Biosciences, Inc., San Antonio, TX

Aug 2013 – Jan 2016

Global Director of Information Technology

Led secure and cost-effective design and implementation of global business systems, infrastructure, and operational practices. Directed a wide range of critical tasks, including global integration and management of technologies supporting manufacturing, sales, and business operations staff located across North America, Europe, and the Middle East. Presented technical leadership and strategic architectural direction for design, migration, and management of the global SAP Business ByDesign MRP/ERP platform. Drove technology improvements, ensuring proper rollout and training of IT initiatives. Delivered technical training for IT staff development and business as a whole with effective coaching techniques.

- Governed all IT functions for CeloNova BioSciences and rendered exceptional services to affiliated companies.
- Built global IT infrastructure and assisted with highly regulated medical device startup, including SAP ERP & QMS systems.
- Crafted and maintained three-year IT strategic plans aligned with regional business strategy, associated with the global group.
- Administered global IT architecture, while supporting efficiency optimization, productivity growth, and cost reduction.
- Enhanced user efficiency and productivity by implementing innovative tools and procedures.
- Delivered valuable information across the organization by implementing system and process improvements.

Vickrey & Associates, Inc

Aug 2011 – Aug 2013

Senior Director of IT

Led creation of strategic technology roadmap as part of organizational planning; communicated goals, risks, and risk mitigation plans. Accomplished corporate goals and objectives by overseeing computing IT strategic plans, policies, programs, and schedules for business and engineering processing, computer systems, voice and data network communications, and management information services.

- Steered system migration from legacy physical infrastructure to virtual infrastructure; maintained 99.9999% uptime consistently.
- Modernized infrastructure and systems to facilitate rapidly growing teams and technological changes.
- Established a Business Continuity/Disaster Recovery System with multi-site snapshot replication and cloud-based DR backup.
- Boosted profitability and minimized production errors by deploying new engineering software systems and restructuring workflow, and creating more accurate, dynamic, and efficient designs.

Additional experience as COO/CIO at Metro Architecture, LLC, Phoenix, Arizona | Vice President of Operations/IT at Kurt D. Reed Associates, Inc., Scottsdale, AZ

Education

Bachelor's Degree: Information Technology, Business Management

Boise State University, Boise, ID