

Carl Strang, Ed.D

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Information Technology and Health IT Leader

Visionary, innovative, creative and results oriented professional with extensive experience as a leader in information technology. Proven change agent. Excels in developing highly motivated management teams focused on success. Enjoys leading organizations forward to exceed their goals.

Major Competencies

- Educational Technology Architecture & Integration
- Business Intelligence / Data Mining Solutions
- High Growth Business Strategy & Execution
- Data Center Architecture & Engineering
- Educational research
- Educational Technology Planning
- Cloud Based Services
- R & D to New Product Rollout
- Budget Development & Management
- Excellent Customer Relations & Satisfaction

Professional Experience

Clarkson University, Schenectady, NY 2016-present

Participating Faculty, School of Management

- Health Informatics
- Business Driven Information Systems
- Advisor to Health MBA students

CS Innovation Consulting 2014 - Present

Principal Consultant

- Proposed, coordinated, and provided executive project management oversight for move of ERP system to cloud for high reliability manufacturing company
- Proposed, coordinated, and provided executive project management oversight for adoption of Microsoft 365 and MS Teams for high reliability manufacturing company
- Provided restructuring guidance for software company in financial distress and assisted in transformation of staff and function to profitability.

MVP Health Care, Schenectady, NY 2017-2018

Leader, Data Governance Center of Excellence

Developed and implemented a data governance program for health care payer organization of +600,000 members.

- Lead in the development of SharePoint O365 services
- Lead in the development of Microsoft Teams services
- Lead in research of iPaaS services
- Drove policy adoption of Azure services

Albany Medical Center 2016-2017

Project Manager, Data Analytics and Data Warehousing

Implemented an agile project management strategy to facilitate the development of Health Catalyst based analytics applications

Projects included:

| | | |
|-------------------------|----------------------------------------------|-------------------------|
| Length of Stay Explorer | Financial Management Explorer | General Ledger Explorer |
| CLABSI Prevention | Practice Management: Patient Access Explorer | Nursing Productivity |

Cisco, Eastern US 2015

Director, Cisco Advance Services Delivery

Responsible for customer satisfaction, service quality, market development, revenue and margin management for Cisco Advanced Services for Eastern US.

- Led in developing consensus and focusing sales and delivery organizations on high value proposition for advanced services.
- Created a unified sales and delivery team focused on total customer satisfaction from deal development through close of delivery.
- Developed a pipeline for expediting the delivery of high value / high complexity / newly emerging services.

Capital Region BOCES, Northeastern Regional Information Center, Albany, NY

2006-2014

Director (2006-2014)

Successfully developed information technology services / sales in NERIC region (137 school districts, upstate NY).

- Planned, developed and evolved services to meet customer needs resulting more than doubling of revenue from \$21 million \$47 million, as well as increasing margins over six years.
- Strategically aligned organization with core technologies and partners for next generation services development and delivery.
- Successfully financed, architected, and engineered a new, state-of-the-art, multi-million dollar, advanced technology services and training facility opened in August 2013.Center serves 137 school districts in upstate NY with state-of-the-art information technology services.
- Designed, architected and engineered state-of-the-art business intelligence solution for K12 education (NERIC Connect, patent pending 2012, as sole inventor; application serial number 13/601,637).
- Improved customer satisfaction rating from 68% to 94%.
- Developed a unified regional committee for planning and development of services.

Deputy Superintendent, Chief Academic Officer (2012-2014)

Leadership for all academic educational programs for Capital Region BOCES.

- Successfully negotiated, as lead negotiator, three consecutive contracts with collective bargaining units.
- Provided oversight for implementation of recommendations for organizational changes in Special Education division.
- Integrated BOCES Educational Support Services with NERIC services.

Assistant Superintendent for Technology and Innovation (2010-2012)

Saratoga Springs City Schools, Saratoga Springs, NY (1998-2006)

Director Integrated Instructional Technology and Related Services

United State Army

Captain, Armor (Ret.)

Education

Ed.D, Sage Graduate College of Albany, Albany, NY

Educational Leadership doctoral research title:

THE SYSTEMIC USE OF DATA TO INFORM IMPROVEMENT IN STUDENT ACHIEVEMENT

MS, State University of NY at Albany

Major: Educational Psychology, Special Education

BA, Union College, Schenectady, NY

Major: English

Additional Course Work / Certifications:

Five Microsoft Systems Engineering courses

Microsoft K12 Advisory Committee, 2007 to 2015

NYS School District Administrator Certification

NYS Certified English and Special Education Teacher

Recent Acknowledgments:

- Featured presenter, Microsoft Teams in Higher Education Forum, October 2019, YouTube video available
- Strang, Carl, Ed.D. and Ira Goldstein, Ph.D. “Design and Implementation of a Public School Government-to-Employee System.” Proceedings of the 6th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2012), Albany, NY, October 22-25, 2012. 350-353.
- Featured presenter, “Converge Special Report Update Webinar: Get Schooled by Big Data” Center for Digital Education, June 13, 2013

Technologies used in architecture and engineering

Microsoft SharePoint

Office 365 and Teams

Azure Information Services

Microsoft SQL DB, Reporting Services, Analysis Services, SharePoint Integration, PowerPivot

Microsoft Visual Studio

Microsoft BizTalk

Microsoft Windows Server, Active Directory services, Federation services