

BIOGRAPHY

Andrew B. Liwen



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AI & Technology

Knowledge representation
AI planning & reasoning systems
Realtime AI-driven orchestration
NLP & utterance to/from text
Semantic & cognitive computing
Navigating & planning in uncertainty

Business

Global healthcare architectures
High performing organizations
Enterprise/TOGAF architectures
Global IT outsourcing
Global BPO, follow-the-sun

Solutions Architecture

Global, cross-functional and I18N
ITIL and ITSM certified architect
Public & private sector
Pursuit, capture, launch, sustain ops
Government policy architect
City, county, state, Federal, global
Sustainability / infrastructure

Security

Threat / vulnerability expert
Secure, distributed architectures
Hyper-secure cloud offering creator
Cryptography & white-hat hacking
Storage and data-in-motion expert
Biometrics and authentication
Intelligence and data attribution
DR/BC – Government & enterprise

Certifications

Security CISSP #90998 (expired)
HIPAA & PCI concentration
Previously cleared: TS/SCI/SI/SAO,
EBI, poly-lifestyle & compartmented
Cleared via: IC, DOS, DOD, DHS,
DOE, and other departments
Toastmasters Int'l: ACS/ALB

Andy Liwen is a visionary leader and change agent who has transformed markets with real solutions. He possesses a deep ownership of how technology can be applied to attain mission goals and, when needed, to solve seeming intractable problems. He led amazing cross-functional teams at Cisco, Accenture, AT&T Lab, private / public sector, and DOD. He inspires and nurtures talented, diverse professionals at all levels. A world class solutions architect, he excels at transformations, cross-functional projects, and emergent technology.

He helped found the AI Lab at Southwestern Bell (now AT&T) where he drove novel AI research in real-time semantic reasoning and intelligent automation, partnered with Silicon Graphics super-computing and the world-renowned MIT Media Lab. His recent work with Texas Oncology, the largest US community cancer practice, helped set his unreasonably optimistic personal mission to improve all patients' health through AI.

He returned to Austin after an assignment in Washington, DC with Cisco Systems where he was recruited to launch its services offering to public sector. He pioneered Cisco's Smart+Connected Community by turning around a disadvantaged city in western Massachusetts. The healthcare delivery model he developed in partnership with Harvard Med was a key success factor for the town to thrive. He personally authored the visionary white paper "Data Center of the Future" which won the NYC outsourcing contract and attained, for his lead sales manager, the highest single deal commission ever at Cisco of \$1.5M.

Before that he was recruited from Austin to revitalize Accenture's Washington, DC security practice and progressed to lead public sector business development as the infrastructure outsourcing pursuit lead. Mr. Liwen organized pursuits and led multiple deal teams of 200+ professionals galvanized to win \$1+B public sector deals. During this time, he brought forth solutions to transform Tricare, VA Health, Military Health System, DHS, and intelligence community opportunities.

Before these assignments, Mr. Liwen served as CTO in the Austin startup community. He was a principal scientist and led the AT&T team bringing ADSL to both home and enterprise markets, partnering with the global CIO of Shell Oil. He was active in the intelligence community for many years in white-hat, social engineering. Early in his career he had the privilege of working directly with Internet pioneers: Larry Roberts, Vint Cerf, Jon Postel, and Rick Adams on ARPAnet. His team was selected to partner with HP to develop the CORBA secure network technologies.

Mr. Liwen holds a BA degree in Abstract Mathematics and an MS degree in Computer Science from American University in Washington, DC.