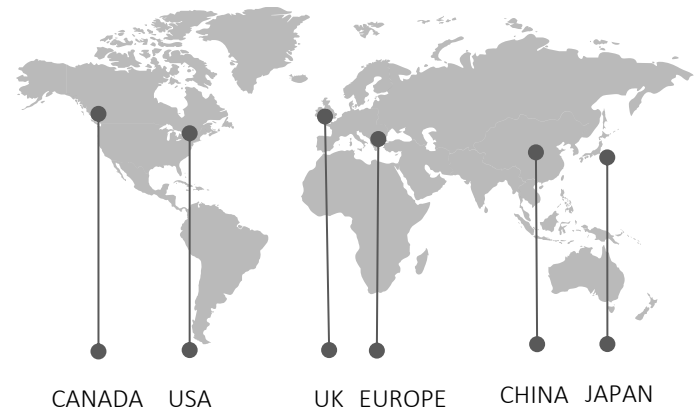




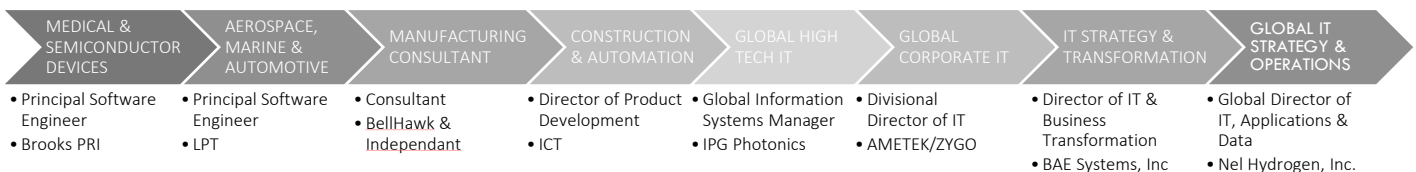
PROFESSIONAL PROFILE

Global IT executive and transformation leader with deep experience building IT strategy, governance, cybersecurity, data, ERP, and business transformation capabilities across manufacturing, defense, medical, energy, and highly regulated global environments. Known for aligning technology investment with business strategy, stabilizing complex operating environments, developing high-performing teams, and leading enterprise-scale change across distributed organizations. Brings executive level breadth across digital transformation, IT operating models, cybersecurity, compliance, vendor management, M&A integration, and global ERP modernization.

INTERNATIONAL EXPERIENCE



CAREER TIMELINE



EXECUTIVE CAPABILITIES



PROFESSIONAL PROFILE

- Provides enterprise-wide technology leadership through strategy, governance, and execution, translating business priorities into IT roadmaps and investment decisions.
- Leads multi-location transformations with disciplined control of budgets, timelines, resources, partners, CapEx, and OpEx.
- Maximizes business value across infrastructure, enterprise applications, information systems, architecture, and solution delivery.
- Builds trusted global relationships across teams, customers, vendors, and partners to improve performance, cost, and service outcomes.
- Builds cybersecurity roadmaps spanning training, endpoint protection, incident readiness, compliance, and executive risk oversight.
- Establishes AI, data, IT, and emerging technology governance balancing innovation, security, compliance, quality, ethics, and adoption.
- Strengthens IT-business partnerships through transparency, decision discipline, and cross-functional execution.
- Brings adaptable executive experience across regulated manufacturing, defense, energy, medical device, semiconductor, aerospace, and global, high-tech industrial environments.

PROFESSIONAL EXPERIENCE

NEL HYDROGEN

Wallingford, CT & Oslo, Norway/Hybrid

Director of IT

2023 - present

- Recruited into a newly created head-of-IT role for Nel Hydrogen US during a global IT restructuring, supporting a green hydrogen technology leader with operations in Norway, Denmark, and the US, with proposed expansion into new automated manufacturing facilities in Michigan and California.
- Served as a member of the Global IT Leadership Team, helping reshape the IT operating model, governance cadence, service delivery structure, and technology roadmap during a period of business expansion and organizational realignment.
- Led the implementation and migration to a single global ERP (Microsoft Business Central) consolidating multiple legal entities and older ERP systems.
- Created an IT Governance Board aligned to corporate governance, reducing friction in new technology introduction and emerging technology evaluation, while improving application rationalization, prioritization discipline, and business stakeholder engagement.
- Built an internal IT team to support delivery of IT services and adjusted the IT Operating model to facilitate the increased demand and shifted focus.
- Established and led the Data Governance Board, creating a formal framework for defining the data needs and data fabric for the organization. Included data roles, data standards & policies, security, and quality.
- Launched and led an AI Governance Workgroup to guide responsible AI adoption, focusing on security, data source quality, output review, ethics, education, and business readiness.
- Spearheaded a global Engineering Tools group, bringing together the disparate and distributed engineering SMEs and facilitating collaborative relationships, resulting in significant cost savings and a more flexible team.
- Created cybersecurity incident response playbooks and workflows, partnering with the SOC to run workshops and simulations and working with the Security Architect to define security practices that supported a successful ISO 27001 audit.
- Supported the separation of a section of the business into a separate legal entity – this involved splitting technology, rebuilding new tenants, and interviewing and hiring a new IT team.

Achievements

- Rebuilt the US IT team after an organization split. Restructured the team based on gap-skills and built a training and career growth plan for the team.
- Established a data warehouse architecture (ADF, ADWS) and user training model that moved reporting from fragmented local data sources to centralized reporting with self-service, saving user time and creating new visibility into operational and business performance data.
- Successfully developed internal team members through multiple promotions and internal career path corrections, including promoting and achieving certifications and ongoing education.

Other Accomplishments

- Supported business through industry challenges and downsizing across all functions, recommending and introducing assistive technology.

BAE SYSTEMS INC., ELECTRONIC SYSTEMS

Nashua, NH / Remote

Director of IT & Business Transformation

2020 - 2023

- Unique opportunity to define a new role for IT and Business Strategy within the largest sector of the US arm of a prime global defense contractor. 17,000+ employees over 45 locations in US and UK.
- Supported IT budget of \$145M with 40+ resources across US and UK.
- Created the Digital Strategy for the business based around delivering business capabilities in line with the Business Strategy.
- Created IT Governance Board to support the corporate IT governance to facilitate a more adaptive governance model that can reduce new technology introduction time while rationalizing application spread.

- Built an internal IT team to support delivery of IT services and adjusted the IT Operating model to facilitate the increased demand and shifted focus.
- Established the Data Governance Board, outlining a formal framework for defining the data needs and data fabric for the organization. Included data roles, data standards & policies, security, and quality.
- Ensured preparedness for emerging and disruptive technologies, defining policies and procedures to keep the IT strategic plan relevant and up to date, utilizing standard documentation processes & tools (ITIL, PMP, etc.).
- Supported the integration of 2 major acquisitions – integrating ERP, PLM, and MES into current landscape.
- Oversaw the design of the global data warehouse model for business intelligence and analytics reporting, increasing visibility and access to global data, enforcing standards, and conventions, including localizations.
- Managed multiple, simultaneous, dependent and independent projects using proven and custom methodologies to control resources, timelines, deliverables, change, cost, and risk.

Achievements

- Created and chaired the Digital Transformation Office, a cross functional, cross business office to drive and oversee the delivery of the digital strategy.
- Established an Agile factory support model with the Operations team, reducing downtime by 40%, improving ticket response time by 60%, and increasing compliance to more than 98%.

Other Accomplishments

- Presented a paper at a Gartner Peer Forum on “Establishing a Digital Transformation Office”.
- Refocused the IT operating model in line with best practices, adjusting it to accommodate organizational needs.

AMETEK CORPORATION

Middletown, CT / Berwyn, PA

Divisional IT Director

2016 - 2020

- Engaged as a core member of the global IT team to oversee and drive worldwide IT strategy and initiatives for a \$5.2B international manufacturing corporation with 16,000+ employees.
- Oversaw IT for two high tech divisions with \$1.8B annual revenue and 30+ IT staff within 12 individual business units and a combined IT budget of \$14M. Reporting to CIO and Group President.
- Directed IT for ZYGO Corporation in Middlefield CT – one of the largest business units in the AMETEK portfolio with \$200m revenue, 11 IT staff, 500+ employees, and a \$2.4M IT budget.
- Served as central member of the core IT SOX Audit team, executing internal IT audits globally working with external and internal audit teams, and supporting financial, ISO, and SOX IT audits.
- Established and directed IT strategy by architecting and building solutions that improved existing processes and environments while applying standard methodologies such as TOGAF and Gartner where appropriate.
- Performed IT investigations and due diligence on multiple M&A projects & oversaw integrations.
- Guided cyber security assessment and threat response strategy, working with cyber security experts to define aggressive strategy and response plan. Resulting in achieving security targets one year ahead of schedule.
- Primary contact for all defense related security systems. Defined Incident Response Plan and worked with many prime and sub-prime contractors to implement DFARS/NIST, ITAR, and ISO compliance.
- Directed the upgrade of legacy hardware and software platforms to reduce maintenance overhead and support costs in line with IT strategy and regulatory standards (Cloud/On-Premise/Hybrid, Virtualization, SaaS/PaaS).
- Managed internal DevOps team using Agile methodology for rapid solution delivery to internal clients with minimal risk and disruption. Built strong partnerships across the business increasing effectiveness of solutions.
- Oversaw the design of the global data warehouse model for business intelligence and analytics reporting, increasing visibility and access to global data, enforcing standards, and conventions, including localizations.

Achievements

- Recognized over 40% savings from reducing, optimizing and consolidating external consultants and resources.
- Successfully led the largest single business unit ERP implementation in organization, completing within budget and timeline (\$2.2M over 18 months) with zero disruptions to operations, sales, revenue, or working capital.
- Increased sales visibility and helped standardize the sales process by driving global Salesforce implementation in North America, Europe, and APAC, establishing global workflow and collaboration across sales teams.
- Decreased Telecom spend by 33% by negotiating rates, consolidating services, and switching providers.
- Cut budget cycle time by 80% and increased forecasting visibility with a new CPM platform.

Other Accomplishments

- Streamlined processes and communication across multiple international locations.
- Oversaw numerous ERP implementations and upgrade/add-ons (NAV, AX, Oracle, SAP, etc.).

IPG PHOTONICS CORPORATION

Oxford, MA (also Yokohama, Japan; Beijing, China)

Global Information Systems Manager

2012 - 2016

- Recruited to centralize and modernize information systems for a fragmented global high-tech manufacturing environment that lacked consistent enterprise oversight.
- Directed IS strategy for business processes and platforms in North America, Europe, and APAC.
- Managed multiple, simultaneous, dependent, and independent projects using proven and custom methodologies to control resources, timelines, deliverables, change, and risk.
- Assisted with cross department business process analysis to develop improved workflow and communications.
- Managed the customization, implementation and upgrade of multiple international Microsoft Dynamics NAV ERP platforms, simultaneously with distributed teams and local consultants/partners within budget and on time.
- Recognized for ability to secure active participation by key stakeholders, facilitating sessions to clarify scope and coordinate efforts to deliver results on-time.
- Implemented processes and systems to enforce DFARS/ITAR compliance and import/export requirements.
- Global data management champion, enforcing data policies, standards, and organization across all entities.

Achievements

- Decreased support costs by 60% by modernizing the Information Systems department, training internal staff, improving core capabilities, and reducing dependence on external support.
- Reduced ERP running costs up to 80% by developing a global strategy for update and migration of ERP systems in US, China, Japan, Korea, India, Russia, Germany, Italy, Poland, Turkey and UK, managing multiple languages, currencies and localization requirements, eliminating local dependencies.
- Developed and implemented global data standards for Corporate financial reporting, along with business intelligence dashboards and reports, dramatically increasing the access and visibility of data across all levels.
- Improved procurement approval workflow turnaround by implementing MRP functionality, custom planning and forecasting tools, and online purchasing approval workflows.
- Deployed global cloud-based sales and service platforms (Salesforce) giving senior executives real time control and visibility over the sales cycle and global reporting on sales and service activities.

Other Accomplishments

- Streamlined manufacturing processes and communication across multiple global manufacturing locations.
- Integrated multiple international acquisitions and supported foundation of new locations (Shanghai, Warsaw, Istanbul, California) including a new Medical Device research and production subsidiary.
- Led PLM & PDM platform evaluation and implementation, adding ECO and engineering control with workflows.
- Primary contact for IT SOX auditing with Deloitte and RSM over entire IT systems and security.

EARLIER EXPERIENCE

Earlier career foundation includes software engineering, manufacturing systems consulting, MES implementation, RFID tracking, aerospace manufacturing systems, semiconductor automation, medical device manufacturing systems, and marine navigation applications across the US, UK, Europe, and Asia.

EDUCATION

- **BSc., Honours in Computing**, Edinburgh Napier University