

RASHED CHOWDHURY

M.Eng., MBA, PMP, P.Eng.

Managing Director, Global Asset Care Inc.

Digital Transformation and Technology Consultant with over 28 years of experience in oil & gas (both downstream & upstream), petrochemical, power generation, utilities & manufacturing. Proven expertise in identifying business needs, translating them into detailed requirements, and leading the development of digital solutions. A strategic leader dedicated to leveraging digital innovation to enhance safety, reliability, and cost performance. Recognized for exceptional stakeholder engagement, change management, and delivering measurable ROI through disciplined governance and execution

Professional Experience

Global Asset Care | Calgary, Alberta, Canada

Consulting services on Asset Management and Digital Transformation, for major energy and chemical companies in Canada & USA.

Client – Cenovus Energy, Downstream, Product Owner - Asset Reliability & Performance Program

- **Strategic Road mapping:** Developed detailed technology roadmaps for asset performance management frameworks focused on enhancing reliability, availability, and cost reduction.
- **Digital Transformation Leadership:** Led business requirements into systems configuration and the upgrade & integration of a GE Asset Performance Management (APM) system with ERP (SAP ECC/S4HANA) and OT (OSI PI) platforms to create a unified digital solution.
- **Pilot:** Led a pilot to confirm meeting requirements and evaluate deployment readiness: - validated all GE APM & GE Smart Signal functionality. Superseded the development of asset (maintenance strategies), ML/AI-driven predictive models and establishment of Asset Health for a pilot of 30 assets.

Key Achievement: Following the successful pilot, Cenovus opted to renew GE APM and GE Smart Signal and initiated a downstream deployment plan.

Suncor Energy | Calgary /Fort McMurray, Alberta, Canada

Senior Technical / Leadership Roles in Project Management, Digital Transformation, & Reliability | 2002 – 2021 (19 years)

- Directed a multi-million-dollar digital transformation portfolio, resulting in significant improvements in personnel safety and operational reliability with a \$75M annualized savings roadmap, earning internal and external excellence awards.
- Spearheaded the enterprise-wide shift from reactive to proactive & risk-based maintenance & inspection by championing the adoption of GE APM, AI/ML models (AVEVA), standardizing & implementing asset strategies, risk-based inspection (RBI), other reliability process and measure through asset health and business processes.
- Led the ideation, design, and execution of foundational digital systems including Asset Performance Management (GE APM, AVIVA), a trusted Asset Lifecycle Information platform (Bentley AssetWise), and Connected Worker solutions, creating a unified data ecosystem and integrated with ERP (SAP ECC & S4-Hana) and several OT systems.

Nortel Networks | Calgary, Alberta, Canada (6 years)

Molex Thailand Ltd. | Bangkok, Thailand | (3 years)



CORE COMPETENCIES

- Strategic Project & Program Management
 - Business requirements, business case development, technology roadmap, configure technology /build, acceptance test, pilot, larger deployment and sustainment
- Digital Transformation & Innovation
 - Asset Performance Management (APM)- GE APM, GE Smart Signal, Baker Hugues Cordant, AVIVA Predictive Analysis, PCMS
 - Digital Twin (Process)
 - Connected Worker & Digital Permitting
 - Asset Information Management
- Integration with ERP (e.g. SAP ECC, S4 Hana)
- Asset Management, ISO 55000/1
- Maintenance, Reliability
 - Master Data, Asset Criticality Assessment , Asset (Maintenance / Inspection) Strategy development & implement (methodologies - FMEA, RCM, ISO 14224 based library, RBI etc.)
 - Asset / Maintenance strategy optimization
 - RCA, Reliability Analytics, Asset Health

CONTACT

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www.globalassetcare.com

Calgary, Alberta, Canada

EDUCATION

B.Eng. (Mechanical)

M.Eng. (Civil / Project Management)

MBA

AWARDS & RECOGNITION

GE Digital Innovator Award

Four-Time Suncor Excellence Award Winner

