

JEAN FAHMY

VICE PRESIDENT - AI & DATA TRANSFORMATION

Enterprise AI, data and digital transformation executive | CIO/CTO | Technology entrepreneur

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EXECUTIVE VALUE PROPOSITION

Enterprise technology executive with nearly three decades of leadership across AI, data, digital transformation, enterprise architecture, cybersecurity and innovation. Currently Vice President, AI & Data at Kruger; previously Vice President, IT/Digital at CSL and CIO/CTO across a \$2B automotive group and 30+ consumer brands. Builds the full transformation system - Board strategy, operating models, trusted data foundations, responsible AI, adoption and value realisation - and converts it into scalable operational and commercial capability.

17 ENTERPRISE AI INITIATIVES COMPLETED	9 INDUSTRIAL AI DEPLOYED AND IN USE	41 INITIATIVE INVESTMENT PORTFOLIO
\$4.4M AI/DATA PUBLIC FUNDING SECURED	20%-30% REDUCTION IN COSTS THROUGH AI	91-96% DIGITAL-TWIN ACCURACY

BOARD MANDATE ALIGNMENT

- Enterprise AI strategy and operating model:** At Kruger, created a 10-part enterprise Data and AI strategy, a 2026-27 roadmap and a 21-initiative investment portfolio; established an AI Steering Committee and three execution subcommittees.
- AI at scale:** Completed three strategic POCs, put four business agents into use and designed a federated Agent Center of Practice, enterprise AI Academy, secure sandbox and risk-based lifecycle for enterprise adoption.
- Data platforms and governance:** Established Kruger's Azure and Microsoft Fabric Data Product Foundation and advanced OEE and unplanned-downtime products; previously steered a 1,500-package/view warehouse-to-lakehouse transformation at CSL.
- Responsible AI, governance and risk:** Created agent policy, four risk levels, ten guardrails and an eight-stage lifecycle; also co-authored maritime cybersecurity requirements and established data-governance audit controls.
- Measured business value:** Led maritime AI programmes that improved ETA predictions by 30%, achieved 96% digital-twin accuracy and enabled 15-20% fuel reduction through speed and route optimisation.
- Board, ecosystem and organisational leadership:** Advises executives and Boards, aligns multidisciplinary teams and partners, authored an industry data-sharing standard and founded, scaled and sold three technology businesses.

RECOGNITION FOR AI IMPACT

IDC CIO 2026 Award | Info-Tech Innovator of the Year (2025) | OCTAS Gold - Artificial Intelligence (2024) | International Bulk Journal IT Solutions Award (2024) | ADRIQ Innovation Award in AI nominee (2024)

Executive competencies

Enterprise AI Strategy | Data Strategy & Governance | Digital Transformation | Enterprise Technology Strategy | Enterprise Architecture | Cloud Modernisation | AI Risk & Responsible Innovation | Business Value Realisation | Board & C-Suite Engagement | Organisational Change | Cybersecurity Strategy | Cross-Functional Leadership

EXECUTIVE EXPERIENCE

Kruger | *Diversified manufacturing enterprise*

Vice President, AI & Data

Dec 2024 - Present

- **Enterprise strategy and governance:** Created Kruger's enterprise Data and AI operating system - a 10-part strategy, multi-year roadmap and multi-initiative investment portfolio - and established the AI Steering Committee, operating cadence and three execution subcommittees.
- **Value delivery:** Completed strategic AI Initiatives - Troubleshooting Agent, Cashflow Forecasting and Golden Run - and formalised the progression from POC to MVP to scalable enterprise product.
- **Agents in use:** Introduced critical agents like the Executive Knowledge Base, Take 5 safety scoring, Plant Manning and Purchase Order Automation agents while advising and governing 35 further opportunities across manufacturing, supply chain, logistics, finance, retail and corporate functions.
- **Agent operating model:** Designed the federated Agent Center of Practice, secure sandbox, four-level risk model, ten minimum guardrails and eight-stage lifecycle, covering ownership, approved data and platforms, RBAC, human oversight, testing, auditability, monitoring, cost and retirement.
- **Modern data foundation:** Established the architecture and implementation model for Kruger's Azure and Microsoft Fabric Data Product Foundation; advanced OEE and Unplanned Downtime products through large-scale source mapping, Sherbrooke mill signal integration and trusted plant dashboards.
- **Reusable data-product IP:** Created a four-layer hierarchy, five standard product ports, product- and field-level metadata, data contracts and quality/observability requirements aligned with ODPS, DPDS, ISA-95, OpenAPI and MCP-ready architecture.
- **Industrial AI and automation:** Productised the Troubleshooting Guide roadmap from trusted procedures toward operator knowledge capture, operational telemetry, cross-mill learning, drift detection and bounded human-supervised correction; shaped further digital-twin, anomaly-detection and process-optimisation opportunities.
- **Adoption and responsible delivery:** Designed the six-stream AI adoption programme and four-level AI Academy, mobilising an early practitioner community; introduced stage-gate governance, Agentic AI Usage Policy and vendor assurance spanning privacy, cybersecurity, model risk, autonomy, telemetry, retention and resilience.

Canada Steamship Lines (CSL) | *International maritime transportation*

Vice President, IT/Digital (promoted from Senior Director, IT)

Jan 2021 - Dec 2024

- **AI portfolio:** Started and led ML-based ETA prediction, digital-twin, voyage optimisation, speed-management and predictive-maintenance initiatives; translated the portfolio into a five-use-case industry innovation roadmap.
- **Quantified outcomes:** Improved ETA predictions by 30%, achieved 96% digital-twin accuracy and enabled 15-20% fuel consumption reduction; advanced an industry programme targeting 20% fuel reduction through better routing and speed.
- **Data foundation:** Steered a 1,500-package/view warehouse-to-lakehouse programme; optimised processing of approximately 2,000 IoT signals per ship every five seconds and built data-governance controls.
- **Investment and partnerships:** Secured \$4.4M in provincial funding, won two Ocean Supercluster projects and negotiated 10 years of no-cost access to an enterprise-class AI voyage-optimisation platform.
- **Industry standards:** Authored the maritime data-sharing framework for just-in-time arrivals and co-created the maritime cybersecurity minimum requirements adopted across the ecosystem.
- **Executive and people leadership:** Aligned enterprise applications, data, infrastructure, cybersecurity and architecture with executives and the Board; managed multimillion-dollar portfolios and sustained team turnover below 5% over three years.

Selected ecosystem leadership

Consultative member, IMO Expert Group on Data Normalisation (only ship-operator representative) | Industry representative across SMM, Green Shipping Corridor, CIMAC, Quebec e-Navigation Committee and Ocean Supercluster initiatives.

CAREER HISTORY AND ENTREPRENEURIAL TRACK RECORD

Groupe HGrégoire | *Automotive*

Chief Information Officer

Feb 2020 - Dec 2020

- Held enterprise CIO accountability for a \$2B automotive group, aligning digital, data, applications, infrastructure and cybersecurity priorities with business strategy.

Vyanova | *Technology consulting*

Founder & Fractional CIO

Sep 2017 - Dec 2019

- Advised organisations including Rhétorik, Auto123.com and SDC on technology strategy, transformation, architecture and delivery.

Vicimus / V10 Data / Xprima-Auto123.com | *Automotive data and digital platforms*

CIO | Founder & CIO | Vice President, IT

Jan 2013 - Dec 2017

- Built the first comprehensive Canadian used-car data aggregation platform from fragmented OEM and supplier sources, creating a single market data product and selling V10 Data to Vicimus.
- Led technology, e-commerce and enterprise data capabilities across overlapping executive mandates in automotive software and media.

Vyanova | *Technology consulting*

Founder & Fractional CIO

Sep 2006 - Jan 2013

- Served 25+ clients and prominent brands including Media Transcontinental, Tim Hortons, Canon Canada, Visions Canada, CyberPresse.ca and Auto123.com.
- Created reusable CIO operating templates covering infrastructure, connectivity, data architecture, applications, service management, technology evaluation and enterprise IT KPIs.

École Polytechnique de Montréal | *Higher education*

Instructor & Entrepreneurship Course Coordinator

Apr 2004 - May 2011

- Taught technology entrepreneurship for eight years; mentored multiple Quebec ventures, including FibreNoire, later acquired by Vidéotron.

Openface Internet | *Internet services*

Vice President, IT Services

Jun 2004 - Sep 2006

- Led IT services and customer-facing technology delivery in a high-availability internet-services environment.

Eurekium Innovations | *Enterprise mobility software*

Founder & CEO

Oct 2000 - Dec 2003

- Built and sold an early enterprise mobile-first platform before smartphones became mainstream business-access tools.

Ensigna.com | *IT services*

Founder & CEO

Sep 1997 - Oct 2000

- Scaled a university-talent model to 100 contracted students and 12 full-time employees across four Montreal universities; built and sold the business.

LEADERSHIP SYSTEM

Treat technology as an investment: connect KPIs and OKRs to business cases and portfolio decisions; apply security-first, cloud-first architecture; require accountable lifecycle delivery; and build teams through autonomy, mastery, coaching and transparent performance expectations.

ENTERPRISE CAPABILITY PORTFOLIO

AI/ML & IoT: machine learning, predictive analytics, digital twins, optimisation, predictive maintenance, IoT | Data: lakehouse, data warehouse, SSIS, Power BI, SQL Server, MySQL, Elasticsearch, data governance and quality | Cloud & platforms: Azure, AWS, Google Cloud, Microsoft 365, Oracle, SAP, Dynamics, Salesforce | Architecture & delivery: enterprise architecture, APIs, microservices, DevOps, PPM, Agile, ITIL/COBIT | Risk: cybersecurity strategy, privacy, compliance, business continuity, disaster recovery and audit controls.

EDUCATION, RECOGNITION AND LANGUAGES

Bachelor's degree in Computer Engineering, École Polytechnique de Montréal, 1999 | IDC CIO 2026 Award | Info-Tech Innovator of the Year, 2025 | OCTAS Gold - Artificial Intelligence, 2024 | International Bulk Journal IT Solutions Award, 2024 | Most Appreciated Lecturer, 2009 & 2010 | frequent international technology and innovation speaker.

Languages: French and English - fully bilingual.