

MARCOS SEMOLA

Technology & Cybersecurity Executive ◦ CIO ◦ CISO ◦ Board Advisor ◦ AI Risk & Strategy

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EXECUTIVE PROFILE

Global IT, CISO, and GRC executive with 30+ years leading enterprise security, digital risk, and technology transformation across energy, professional services, and multinational enterprises. Proven track record scaling cybersecurity businesses, leading global teams, protecting multi-billion-dollar operations, and advising Fortune 500 boards and C-suites on cybersecurity, privacy, AI governance, and digital trust.

Deep expertise in enterprise risk management, business and cyber resilience, IT/OT convergence, data privacy, cloud security, AI risk governance, and regulatory compliance. Currently completing Harvard Business School's Generative AI Strategy and Execution program, deepening focus on the intersection of AI and cybersecurity.

KEY ACHIEVEMENTS

- Led a \$165M cybersecurity business for the US Energy sector with full P&L accountability, delivering 31.3% YoY sales growth. Member of Accenture's Global Security Leadership for a \$10B security organization.
- Scaled EY's cybersecurity advisory practice 4.6x in five years across Latin America, leading 200+ professionals serving Fortune 500 clients.
- Protected \$2.5B Shell Gas & Power operations across 35 subsidiaries and JVs worldwide, ensuring compliance with SOX, ISO 27001, COBIT, and GDPR. Led IT transformation across 15 countries as CIO (\$16B).
- Built Atos' cybersecurity practice from inception in Brazil, exceeded revenue targets in 6 months, and expanded operations to the UK managing \$12.3M in global contracts.
- Recognized with the IAPP Global Vanguard Award (2023, one of five worldwide), Security Leader of the Year finalist (2023), IRM Professional of the Year (2008), and LinkedIn Top Voice (2022).

KEY SKILLS

Enterprise Risk Management ◦ Governance, Risk & Compliance ◦ Business & Cyber Resilience ◦ IT/OT Security ◦ AI Risk & Strategy ◦ Data Privacy & Protection ◦ Growth Strategy ◦ Business Development ◦ P&L Leadership ◦ Go-to-Market Strategy ◦ Stakeholder Management ◦ Global Team Leadership ◦ Board & Executive Advisory ◦ Regulatory Compliance ◦ Digital Transformation

PROFESSIONAL EXPERIENCE



Managing Director, Energy Security USA ◦ Accenture

Apr 2024 – Jul 2026 ◦ Houston, TX

P&L leader for Energy Security USA, a \$165M operation within Accenture's \$10B global security business. Accountable for the performance of the portfolio, with 1,000+ local and 30,000 global security professionals protecting Fortune 500 energy clients across IT/OT convergence, AI governance, GRC, enterprise risk management, regulatory compliance (NERC CIP, TSA Pipeline Security), and business resilience.

- Delivered 31.3% YoY sales growth in FY2025 through innovative solutions and a global delivery model.
- Member of Accenture's Global Security Leadership team.



Security Advisory Partner ◦ EY (Ernst & Young)

Mar 2019 - Mar 2024 ◦ Rio de Janeiro, Brazil

Led cybersecurity advisory for the Energy sector (O&G, M&M, P&U) across Latin America. Managed 200+ professionals delivering IT security, data privacy, GRC, risk management, managed security services, and training to Fortune 500 clients.

- Scaled the Information Security Advisory Services business 4.6x in five years by repositioning value proposition and tailoring sector-specific solutions.



Managing Director ◦ Founder Institute

Jun 2017 - May 2019 ◦ Rio de Janeiro, Brazil

Led FI's Rio de Janeiro chapter, building partnerships with startup ecosystems and mentoring entrepreneurs.

- Launched 26 startups valued at \$30M across three acceleration cycles at the world's premier Silicon Valley-based accelerator.



CIO / Executive IT Manager, Latin America ◦ Shell Oil Company

Mar 2009 - Jun 2017 ◦ Rio de Janeiro, Brazil

CIO for Downstream Latin America, a \$16B business, managing \$13.3M OPEX and \$65M+ CAPEX across 15 countries, reporting to the Board. Led IT-business integration across Finance, HR, HSSE, Contracts, Procurement, and Legal, overseeing the full IT services spectrum and strategic projects including SAP.



CISO / Global IT GRC Manager ◦ Shell Gas & Power International

Jan 2008 - Mar 2009 ◦ The Hague, Netherlands

Accountable for Governance, Risk, and Compliance across Shell's global subsidiaries and JVs in 35 countries within a \$2.5B business. Managed compliance programs for Sarbanes-Oxley, ISO 27001, COBIT, GDPR, anti-bribery, export control, and privacy.



Head of Information Risk Consulting Operations ◦ Atos Consulting UK

Jul 2005 - Dec 2007 ◦ London, UK

Managed \$12.3M in global contracts across Telecom, Media, Utilities, and Finance. Led business development, sector strategy, financial management, and end-to-end solution design.



Security Consulting Manager ◦ Atos Origin

Jan 2004 - Jul 2005 ◦ Rio de Janeiro, Brazil

Built a new IRM consulting business unit from scratch, growing to 24 consultants, surpassing revenue targets within six months.



Senior Principal Consultant ◦ Schlumberger

Jan 2003 - Dec 2003 ◦ Rio de Janeiro, Brazil

Led security consulting projects including Petrobras (\$9.6M). Built the Security Consulting Practice through Atos Origin's acquisition, navigating a demerger and transition.

Earlier: Security Product Manager at Modulo Security Solutions (1999-2003). Founder/CEO of SSSolutions (1990-1999). MBA Professor at FGV (1999-2024, 25 years).

EDUCATION

Harvard Business School - Generative AI Strategy and Execution (2026)

Harvard Business School - Certificate, Disruptive Strategy (2017)

HEC Paris - Innovation & Entrepreneurship (coursework completed, degree on hold)

FGV - MBA, Applied Technology in Business

UCP - B.Sc., Computer Science

LSE - Certificate, Negotiation Strategies and Style

PROFESSIONAL CERTIFICATIONS

CISM (Certified Information Security Manager, ISACA Platinum Member since 2004) ◦ CIPM (Certified Information Privacy Manager, IAPP) ◦ CDPSE (Certified Data Privacy Solutions Engineer, ISACA) ◦ CCISO (Chief Information Security Officer, EC-Council) ◦ PCI/DSS Assessor ◦ ISO 27001 Lead Auditor (BSI)

INTERNATIONAL AWARDS

- IAPP Global Vanguard Award LATAM (2023) - one of five awarded worldwide in data privacy
- Security Leader of the Year Finalist (2023) - GRC World Forum
- LinkedIn Top Voice (2022)
- IRM Professional of the Year (2008) - ISSA
- SECMaster Security Professional of the Year (2004, 2003) - ISSA

PUBLICATIONS & SPEAKING



Author of 8 books on information security and risk management, including 'Information Security Management: An Executive View' (3rd edition, 2022). 100+ published articles. Regular keynote speaker at global industry events on cybersecurity, privacy, AI risk, and digital trust.

COMMUNITY & MENTORSHIP

STEM mentor at RISE University and the University of Texas at Austin. Active member of ISACA, IAPP, AmCham, and the Institute of Corporate Governance. Pro bono speaker and coach supporting the next generation of security leaders.

LANGUAGES

English (Fluent) ◦ Portuguese (Native) ◦ Spanish (Intermediate)