



DIGITAL TRANSFORMATION · CYBERSECURITY · SAP

Daniel Hernández Espinosa

CIO / CISO / CTO with more than two decades leading IT, cybersecurity and SAP solutions in the agri-industry across Mexico, USA, Chile and the UK, driving operational continuity, efficiency and innovation.

CIO / CISO · Agri-industry

SAP · Infrastructure · Networks

Cybersecurity · ISO 27001 · NIST · CIS

BI · Data · Applied AI

Private Cloud · Azure

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You can also find me on: [LinkedIn](#) · [Credly](#) · [Microsoft Learn](#)

Technology & cybersecurity leader

IT leadership for a diversified agri-food platform.

CIO / CISO / CTO

Digital transformation

Business continuity

Professional purpose:

As a technology leader, I drive innovation and design end-to-end solutions that strengthen business goals. I integrate advanced tools and best practices—especially in cybersecurity—to protect information assets and ensure operational continuity. I prioritize protection, team education and a strong security culture, optimizing processes, increasing efficiency and enabling informed decision-making.

EXECUTIVE SUMMARY

What matters in 5 seconds

Executive experience in IT, cybersecurity and SAP in the agri-industry, with a focus on operational continuity, efficiency, risk control and strategic business support.

EXPERIENCE

20+ years in IT & SAP

Leading infrastructure, cloud, applications and networks initiatives in agri-industry companies.

CYBERSECURITY

CISO · ISO 27001 · NIST

Security governance, risk management, compliance and awareness, with a focus on SAP and critical assets.

TRANSFORMATION

SAP · Azure · M365

Migrations, integrations and automation oriented to availability, performance and alignment with business objectives.

RESULTS

Savings & efficiency

Significant savings in consulting and improvements in response times, continuity and user support performance.

ABOUT ME

Professional profile

I am an IT, cybersecurity and SAP leader with more than two decades of experience driving digital transformation, risk management and continuous improvement in the Mexican agri-industry.

My approach combines strategy, operations and service: I translate business needs into sustainable, secure and scalable technology solutions. I believe that security culture, team education and clear communication are key for technology to deliver real value.

I have taken part in initiatives ranging from infrastructure, networks, datacenters and cloud, to ERP, data analytics, business continuity and information security certifications.

LOCATION

Mexico City & State of Mexico · Mexico

KEY ROLES

CIO · CISO · CTO · Digital Transformation Leader · University lecturer

LANGUAGES

Spanish (native) · English (advanced)

EMAIL

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PERSONAL BRAND

How I understand and live technology

My personal brand is based on making technology work, protect and grow the business. I focus on combining strategy, cybersecurity and operations so IT stops being “just support” and becomes a true business enabler.

My essence as an IT leader

I build technology that works in real life, not only in slide decks.
I put security at the center without blocking business operations.
I translate technical risks into business language for better decisions.
I support and develop the team, creating trust and accountability.

In one sentence

“I build technology that works, protects and grows the business.”

Technology that works

Security that protects

Strategy that drives growth

Business-aligned approach

Approachable leadership

Technology, cybersecurity & leadership

Combination of technical experience, strategic vision and team management to deliver robust, secure and business-aligned solutions.

Areas of expertise

IT leadership and technology governance.

Cybersecurity, risk management and ISO 27001.

SAP ERP and ecosystem (infrastructure, support, projects).

Infrastructure, networks, datacenter, cloud and critical services.

Digital transformation, automation and data analytics.

Strategic skills

Corporate cybersecurity

Business continuity

IT architecture

Digital transformation

Risk management

Automation

SLA management

IT project management

Infrastructure hardening

Leadership skills

Talent management

Security culture

Executive communication

Change management

Decision-making

Technology strategy

Governance & compliance

Certifications & badges (selection)

CyberOps Associate

Cisco Networking Academy · Issued 2023

[View on Credly](#)

Technical skills

Cisco Networking Academy · Issued 2025

[View on Credly](#)

Microsoft Sentinel (modules)

Microsoft Learn · Multiple courses

[View transcript](#)

Azure DNS & Networking

Microsoft Learn · Issued 2023

[View transcript](#)

Cybersecurity & IT

Multiple badges in IT, security and data

[View all badges](#)

Teaching for Learning

Commonwealth Education Trust

[Ver Certificado](#)

Leadership style

Executive approach, business-oriented and focused on outcomes.

Close to the team, with clear communication and constant development.

Ability to translate technical risks into business impact.

EXPERIENCE

Professional trajectory

- CIO / CISO / CTO

Siembra (formerly Grupo Azucarero México / GAMSA)
2004 – Present · Agri-food platform · Mexico

- IT, cybersecurity and infrastructure leadership for a diversified agri-food platform, with a focus on operational continuity and business support.
 - Leadership of SAP projects, upgrades, integration with cloud and critical services.
 - Design and implementation of cybersecurity strategies, vulnerability management and information governance.
 - Promotion of digitalization, process automation, data and BI initiatives for executive decision-making.

IT Project Lead

SGA (Sistemas de Gestión Administrativa)
2001 – 2004 · Consulting firm · Mexico

- Management and implementation of systems and infrastructure projects in corporate environments.
 - Coordination with business areas to deliver solutions aligned with operational requirements.

University lecturer

Universidad Insurgentes (UIN)
2002 – Present · Academic role

- Teaching technology, networks, development, databases and security at undergraduate level.
 - Developing young talent with a practical, market-oriented approach.

PROJECTS

Key initiatives

Selection of strategic projects where technology, security and data are aligned to create tangible business value.

SAP · Upgrade & stabilization

SAP ERP · Infrastructure · Continuity

- Leadership of SAP upgrade, optimization and hardening initiatives.
- Focus on stability, performance and support for critical business processes.

Cybersecurity & ISO 27001 (SAP)

Information security · Governance

- Implementation of security controls for SAP under an ISO 27001-aligned framework.
- Risk management and strengthening of cybersecurity culture across the organization.

Infrastructure, networks & datacenter

High availability · Telecommunications

- Design and operation of server, network, perimeter security and connectivity infrastructure.
- Work with providers to guarantee SLAs, redundancy and continuity.

Cloud & productivity

Azure · Office 365 · Services

- Use of cloud and collaboration tools to improve communication and operations.
- Integration with existing services and optimization of technology resources.

Data, BI & analytics

Power BI · Executive reporting

- Design of dashboards and key indicators for executive decision-making.
- Consolidation of critical information on operations, finance and business.

Digitalization & automation

Processes · AI · Continuous improvement

- Promotion of digital and automated processes to reduce operational friction.
- Exploration of AI and advanced tools to enhance productivity.

ACHIEVEMENTS

Measurable impact

The following achievements show the direct impact of IT and cybersecurity initiatives on business operations: system integration, governance maturity, consulting cost reduction and technology modernization.

OPERATIONAL TRANSFORMATION

Achievement: Enterprise-wide SAP implementation.

Impact: Entire organization

Measurable impact: A full SAP implementation that **unified operations, finance, logistics and administration** into a single integrated platform. This transformation **optimized processes, strengthened cross-functional collaboration** and established the **technology backbone** for future digital initiatives across the company. The project was delivered **on time and on budget**.

Year: 2013

SECURITY & GOVERNANCE

Achievement: ISO 27001 certification for the SAP ERP.

Impact: Reduced operational risk and strengthened information governance across the organization.

Measurable impact: I led the design and maturity of the **Information Security Management System (ISMS)** focused on SAP, consolidating key policies, controls and processes. Certification strengthened the **confidence of customers, auditors and senior management**, increased the company's **cybersecurity maturity** and ensured the **protection of financial, operational and strategic information**. This achievement established **formal governance** and alignment with international standards.

Year: 2024–2025

FINANCIAL IMPACT

Achievement: Accumulated annual savings.

Impact: Optimization of operational spending and structural cost reduction without affecting critical operations.

Measurable impact: I implemented a **financial efficiency** strategy based mainly on **internal consulting**, enabling the **renegotiation of key contracts**, service optimization, platform consolidation and **software licensing optimization**. Through this approach, we generated **40+ million MXN** in accumulated savings in a single year, while ensuring **operational continuity**, maintaining **service levels** and reinforcing disciplined IT budget management.

Year: 2020–2025

CONTINUITY & RESILIENCE

Achievement: Full migration from on-premise infrastructure to TRIARA datacenter.

Impact: Availability of critical business services, improved technology resilience and cost reductions.

Measurable impact: I led the end-to-end migration of servers, applications and critical services to **TRIARA Datacenter**, building an architecture with **high availability**, power and network redundancy and a robust **business continuity** scheme. This migration eliminated risks associated with the former on-premise environment, improved the **operational stability** of SAP ERP, agricultural systems and administrative processes, and delivered **99.9% uptime** for essential services. It reduced recovery times, strengthened **physical and logical security** and consolidated an infrastructure ready for **growth, digitalization and automation**.

Year: 2025

DATA & EXECUTIVE VISIBILITY

Achievement: Implementation of integrated dashboards for C-Level.

Impact: Faster, data-driven decisions across all business verticals.

Measurable impact: I designed and deployed an ecosystem of **strategic Power BI dashboards** that integrate information from **sales, finance, production, logistics, plant operations** and key KPIs in the **agricultural** area (field, irrigation, hectares progress, yields and cost per crop). This platform unified corporate information into a single access point, providing senior management and operational leaders with **real-time visibility**, reducing manual reporting, strengthening **executive decision-making** and enabling a more **predictive, efficient and transparent** operation.

Year: 2021–2025

OPERATIONAL EXCELLENCE

Achievement: 99.9% annual SLA compliance and creation of a measurement platform.

Impact: Stable, measurable and highly reliable operations for all business areas.

Measurable impact: I implemented and consolidated an integrated **SLA management and monitoring system**, enabling real-time tracking of incidents, response times, compliance by category and IT team performance. This model achieved a **99.9% annual SLA compliance** rate over multiple years, strengthening **operational reliability**, reducing resolution times and building a culture focused on **data-driven service management**. The system was recognized nationally within the **"50 Most Innovative IT Companies"** ranking for its contribution to efficiency, transparency and operational control.

Year: 2010–2025

EXTERNAL COMPLIANCE & AUDITS

Achievement: Successful closure of external audits (Deloitte) with no critical findings.

Impact: Greater institutional confidence and stronger internal control across the Group.

Measurable impact: I led the response and closure of external audits conducted by **Deloitte**, implementing a **findings management** model that allowed us to address all observations on time and without operational impact. We strengthened **technology controls**, formalized key processes and built a solid relationship with external auditors, increasing **internal control maturity** and ensuring alignment with international compliance practices. The result: **zero critical findings** and an audited environment recognized for order, traceability and operational discipline.

Year: 2005–2025

Education and awards

My academic background and awards reflect a commitment to maintaining a high standard of quality, innovation and leadership in every technology initiative I lead.

Education

Master's in Cybersecurity (MCY)
Tecnológico de Monterrey

Master's in IT Management (MATI)
Tecnológico de Monterrey

Diploma in Strategic Leadership in the Age of AI
EGADE Business School, Tecnológico de Monterrey

Awards & recognition

CIO100
Recognized three consecutive years for outstanding IT projects and technology use.

50 Most Innovative IT Companies
InformationWeek · Three recognitions across different years for innovation initiatives.

Other distinctions
Participation in projects, webinars, talks and activities related to IT and cybersecurity.

INTERESTS

Music production, creative technology and projects that combine innovation with continuous learning.

CONTACT

My mission is simple: It works. It protects. It creates value.

If you'd like to discuss digital transformation, security or IT leadership, I'd be happy to connect.

EMAIL

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LINKEDIN

[/in/d4nnyb0y5](#)

CREDLY

[Professional badges](#)

MICROSOFT LEARN

[Course transcript](#)

LOCATION

Mexico City & State of Mexico · Mexico

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