

Daren L. Bruncak | Technical Bio and Capability Profile

Data & Business Solutions LLC

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AI without domain knowledge is just fancy autocomplete.

Thirty years making systems that were never designed to talk to each other work together, and now automating them. Enterprise integration, B2B commerce, ERP and identity at scale, with an AI automation practice built on top of it.

Enterprise since 1997: **Rockwell Automation / Allen-Bradley** (global industrial automation), **XO Communications** (national telecom carrier), and an 18-year engagement with a current enterprise client whose daily operations run on systems I built. Industrial, telecom, commerce, print and supply chain. Different verticals, same discipline.

Capability Index

Domain	Capabilities
B2B procurement / punch-out	cXML · PunchOut · catalog · PO · invoice · shipping-notice round-trip · Ariba · Coupa · Workday · 12+ platforms delivered
Enterprise integration	REST · SOAP · EDI · SFTP · API design · queue and webhook patterns · error-queue design · file-based batch
ERP	EFI Pace · Microsoft Dynamics GP (Great Plains) · e-Quantum · MASS 200 · Business Vision · full ERP conversion with 4-month cutover
Accounting / financial systems	Accounting · GL, AR and AP integration · invoice export and reconciliation · automated billing · duplicate-billing detection and remediation

Domain	Capabilities
Identity / SSO	SAML · OIDC · Azure AD / Entra · Okta · OneLogin · transformation rules · 15+ enterprise deployments
Ecommerce at scale	Multi-tenant storefronts (300+ in production) · catalog and pricing models · approval groups · cost centers · web-to-print · variable data
Fulfillment / WMS	VeraCore · SLIM · PressWise · Process Shipper · barcode scanning to ERP · UPS WorldShip · shipping-notice flows
Payments / banking	CyberSource · lockbox · positive pay · bank-platform migration
AI & automation	Multi-provider orchestration: Anthropic Claude (Code and Desktop) · OpenAI Codex · Google Gemini · model routing by task · Programmatic Tool Calling (PTC) architecture, 85-99% token reduction · sustained daily delivery without hitting provider rate limits · agentic and multi-agent workflows · cross-provider code review · automated review with SAST, secrets and dependency scanning · 104+ production skills and specialized subagents
Languages / frameworks	C# · .NET · ASP.NET Web API · VB.NET · Python · JavaScript · Next.js · T-SQL
Data	SQL Server · PostgreSQL · ETL / DTS pipelines · stored procedures · reporting · data migration
Cloud / infrastructure	Azure · Azure Key Vault · VMware · IIS · TFVC · Git
Practice	Solution architecture · migration and cutover management · offshore team leadership · code review discipline · SDLC · vendor management · board-level reporting
Engagement shapes that fit: overflow delivery capacity · specialist integration subcontract · migration and cutover execution · AI automation built on an existing platform · technical advisory into manufacturing, distribution, print and supply-chain clients.	

The Pattern: Consistently Early

Anyone can claim decades of experience. The narrower claim: **I keep building the thing years before it becomes a product category.**

Year	What I built	What it was later called
1998	Scripted, unattended software deployment across 300+ machines running DOS 6.22, Windows 3.11, NT 3.51, and Windows 95/98/2000 simultaneously, then restoring them to known-good state between live demo sessions	Automated provisioning · configuration management
1998	ISDN auto-dial connections into PLCs in Milwaukee from sites across North America	Remote industrial telemetry · Industrial IoT
2002	A DTS pipeline pulling Active Directory into SQL Server every two hours, reconciling 4,000+ fax DIDs and reporting utilization, cutting errors by 98%	Scheduled ETL · automated reconciliation
2004	A hosted survey engine used by Pfizer to poll physicians in its prescriber network	Multi-tenant SaaS
2006	Barcode scanners wired through to ERP and UPS WorldShip, closing the loop on shipping and receiving accuracy	Warehouse systems integration
2007	A \$250K turn-key ecommerce platform and a full ERP conversion delivered in four months	Digital commerce transformation
2010	cXML punch-out across 12+ procurement platforms · 300+ branded storefronts · 15+ enterprise SSO deployments	B2B commerce integration · federated identity

Year	What I built	What it was later called
Now	An AI operating system running across three providers: 104+ skills and specialized subagents doing production work daily, multi-agent orchestration, cross-provider code review, and a Programmatic Tool Calling layer that cuts token consumption 85-99% and keeps delivery inside provider limits	AIOS (AI Operating System)

Why the 1998 work matters. Unattended deployment across six platforms at once is not one automation problem, it is six. Those platforms shared almost nothing. Different install mechanisms, different configuration models, different network stacks, driver architectures and filesystems. No common scripting substrate existed, and no product could be bought. It was batch files, a working knowledge of each platform's boot and install path, and a tolerance for being wrong until it worked. And because engineers were coding and demoing live on those same machines, the automation had to restore a known-good state repeatably and on demand.

That is idempotent, cross-platform, automated provisioning, written by hand, in 1998.

Every row above was named by somebody else, years after I built it. This one too, as it turns out: researchers at Rutgers published the term AIOS, an AI Operating System, in 2024 while I was busy running one. It comes from the same instinct as everything above it, thirty years on.

Career

Founder & Principal Consultant, Data & Business Solutions LLC · 2017 to present AI consulting, AI automation and custom development. Four shipped products: CodeGuard (AI code review), SocialSync, PantryIQ, and an E2E testing engine. I run AIOS, a provider-agnostic AI operating system built on Anthropic Claude (Code and Desktop), OpenAI Codex and Google Gemini, routing each task to the model that suits it. 104+ skills and specialized subagents run my own operations daily. Underneath it is a Programmatic Tool Calling pattern that cuts token consumption 85-99% on integration-heavy work, which is why I deliver full-scale applications day in and day out without ever hitting a daily or weekly provider limit. Token economics is the constraint most AI practices hit at scale, and it is the one I engineered around first.

Enterprise Integration / Software Developer, Prisma Graphic · 2011 to present A production platform of 300+ branded storefronts processing over \$1M in monthly transactions. 12+ procurement platforms connected through cXML. 15+ enterprise SSO

deployments. ERP, fulfillment, payments and banking integration. An 18-year engagement whose daily operations run on systems I built.

Instructor Resource Manager, DWWTC · 2010 to 2011 Directed 30+ employees and contractors delivering Juniper, Palo Alto and Microsoft certification training. Train-the-trainer programs and custom courseware.

IT Specialist, Prisma Graphic Corporation · 2008 to 2010 Technology evaluation and ecommerce strategy. VMware ESX, SQL Server, network and application development.

Director of IT, Corporate Team Professionals · 2007 to 2008 Delivered a \$250K turn-key ecommerce platform in one year. Coordinated a full ERP conversion from MASS 200 SQL to e-Quantum in four months, covering data conversion, process mapping, training and cutover. Built VB.NET and AJAX integration layers to both ERPs. Ran corporate infrastructure across three sites and a hosted data center. Budget ownership, vendor contracts and monthly board reporting.

IT Manager / Lead Developer, Karaoke Warehouse · 2006 to 2007 Ran an ecommerce operation generating \$3.5M annually. Built a licensing and royalty tracking application, song-level licensing and publisher-payment data mining, and a barcode scanning application integrating to ERP and UPS WorldShip.

Founder / IT Director, ViaFore LLC · 2001 to 2006 Founded at 27. Supported 37 client companies, 43 domains and 500+ users with a team of five plus outsourced resources. Personally delivered 42 custom web applications, including a survey engine used by Pfizer. Ran 11 Exchange servers, 10 SQL servers, 8 IIS servers hosting 33 websites, and a 3TB+ backup estate.

Lead Regional Systems Administrator, XO Communications · 2000 to 2004 National telecom carrier. Supported 1,000+ users across seven markets and 61 servers. Led the national internal web team. Built a custom Active Directory to SQL integration managing 4,000+ fax DIDs that reduced the error threshold by 98%.

Systems Technology, Rockwell Software (Rockwell Automation / Allen-Bradley) · 1997 to 2000 Global industrial automation enterprise. Network operations and backups for the internal user estate. Built scripted unattended deployment across 300+ machines spanning six operating systems, and ran ISDN auto-dial connectivity into PLCs from sites across North America, giving remote access to factory-floor controllers over switched circuits.

Munitions Team Lead (E-4), United States Navy, Guam · 1993 to 1997 Explosives-certified across fork truck, 5-ton, 20-ton, RT and flatbed ammunition transport.