

CASE STUDY: PROVEN AI LEADERSHIP & B2B SUCCESS.

Accelerating Operations for Global Leaders.



3-YEAR STRATEGIC PARTNERSHIP WITH Walmart*



TechDiff.ai served as **CHIEF AI ARCHITECT & TEAM LEADER**, overseeing entire facilities management operations.



(1) DRAMATIC MOBILE APP SEARCH IMPROVEMENT.
Led by **Matt Williams** & TechDiff team, dramatically increased search relevance and intelligence within Sdi.com's app. Sped up tools & repairs identification.








(2) AI-BASED PURCHASE BEHAVIOR ANALYSIS.
Analyzed facility manager purchasing patterns to provide intelligent recommendations, optimizing inventory and procurement.



(3) AUTO-GENERATED SALES PROPOSALS.
Developed AI that auto-generates high-quality sales proposals by reviewing prior successful submissions, saving time and increasing win rates.

Techdiff.ai

-  **Our model** -> Applied AI projects, workshops and joint ventures in the fields of in government, non-profit services and private industry.
-  **3 years doing** B2B Enterprise AI, mobile apps and search management for large-scale property managers for private industry
-  **2 years ago** launched Social Impact AI app to find and connect all available local human services support to people in need
 - Food, Clothing, Housing, Baby Support, Education, Jobs Training
 - Not just a request but a conversation
 - **LLM-enabled** for language & viewpoint adjustments
 - Auto-updates to new information including government directories
 - Easily exported after an 8-12 week location analysis.
-  **1 year ago** signed a Jobs Training partner to use AI for job skills, help finding jobs, and custom app setup for their participants
-  **This year** via IRISE Venture introductions
 - Partnered with a local Community Association on AI audits and compliance steps- we setup their Organization Memory
 - By Digitizing all Paper, laptops, and drives for a local nonprofit, **SAVED** their D+O Insurance coverage
 - JUST signed an Ag Tech venture with a local Farmer's Cooperative
 - AI sensor for chemical analysis, herbal ingredient strength
 - Live soil conditions, Herbal strength and crop chemical composition in small-scale operations



TechDiff.AI

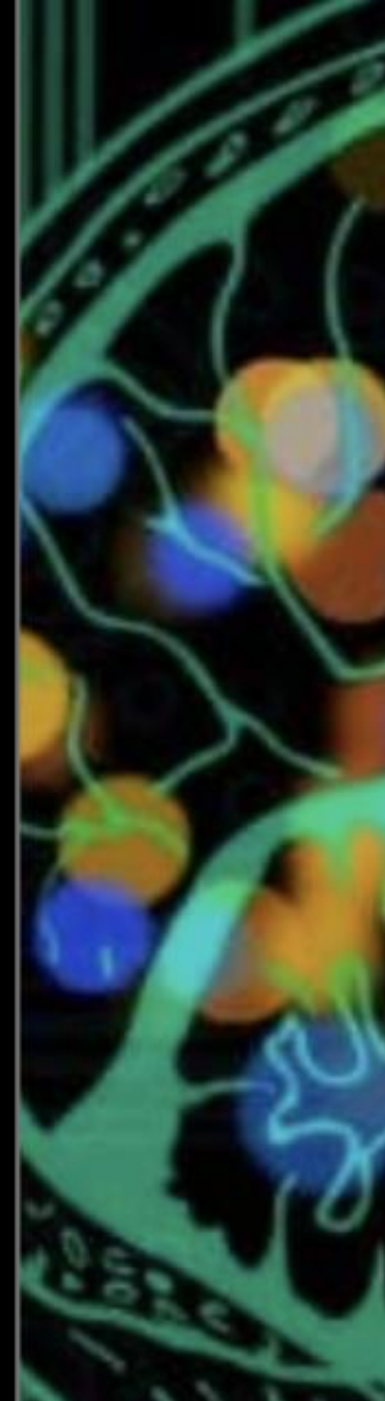
Philadelphia's Partner for Accessible Business Technology

🧠 AI Solutions

- **Prompt Optimization:** High-quality, reliable AI outputs.
- **Guardrails & Safety:** Secure filters to prevent bias.
- **NLP Integration:** Software that speaks your language.
- **Automated Insights:** Machine learning trend spotters.
- **Custom GPTs:** Assistants built on your specific data.

🏗️ IT Foundation

- **Data Management:** Securing info to be "AI-ready."
- **Process Automation:** Streamlining repetitive tasks.
- **Analytics Pipelines:** Real-time visual dashboards.
- **Cloud Integration:** Seamless tool communication.
- **User-Centric Design:** Intuitive customer interfaces.



TECHDIFF.AI KEY OFFERINGS: CORE CAPABILITIES



Data Sovereignty (Your Data, Your Rules)

- **Secure Data Lifecycle Management** from creation to deletion.
- **Trustworthy Cross-Border Data Transfers** in full legal compliance.
- **Restricted Data Access Controls** for security.
- **Real-time Data Policy Enforcement** across the business.



Data Fragmentation (Connecting Your Information)

- **Automated Data Connection** from different business systems.
- **Development of Reliable Data Connectors** for old and new systems.
- **Real-time Data Synchronization** for a current view.
- **Unified and Complete Data View** across the entire organization.



Audit and Compliance (Simplified Regulation)

- **Automated Legal Compliance Platform** for managing operational risks.
- **In-depth Business Process Auditing** with clear reporting.
- **Dynamic and Proactive Risk Assessments** to identify weak points.
- **Audit-Ready Reports and Documentation** that save time & reduce stress.



STEM/Drone/Robotics Education (Future-Proofing Your Team)

- **Comprehensive Standardized STEM and Coding Curriculum.**
- **Advanced Drone and Robotics Kits** for hands-on learning.
- **Professional Training and Development** for teachers and corporate teams.
- **Engaging Innovation Competitions** and real-world project-based learning.



ADVANCING INNOVATION, DELIVERING IMPACT.

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TECHDIFF.AI COMPANION OFFERINGS: INDUSTRY APPLICATIONS



ELD Trucker App (Your Data, Your Control)

- **Secure driver log management** and Hours of Service compliance.
- **Protected cross-fleet data transmission.**
- **Strict access controls** for sensitive information.
- **Real-time policy enforcement** for safety standards.



EMAN (Integrating Legacy Systems)

- **Automated connection** of older (legacy) business systems.
- **Fast and reliable data flow** for accurate reporting.
- **Real-time data synchronization** across all departments.
- **A unified, comprehensive view** of all business data.



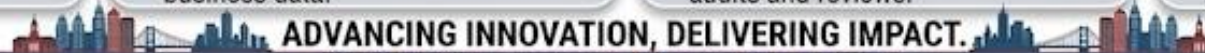
GovTech (Streamlined Public Sector Compliance)

- **Platform for managing government regulations.**
- **Simplified auditing** with clear, trackable steps.
- **Proactive risk assessment** of data and processes.
- **Documentation ready** for official audits and reviews.



AI Agriculture (Future-Proofing Modern Farming)

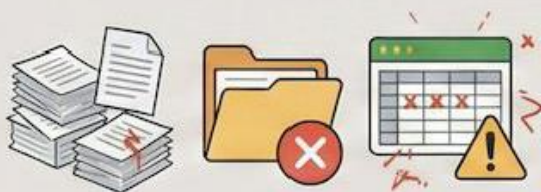
- **Educational programs** on precision farming (advanced technologies).
- **Hands-on experience** with drone-based crop monitoring.
- **Sensor-based data analysis** and robotic automation training.
- **Competitions** for sustainable, technology-driven solutions.



ADVANCING INNOVATION, DELIVERING IMPACT.

Transform Your Data Chaos into AI-Powered Resilience

The Hidden Threat: Digital Fragmentation



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Whether for-profit or non-profit, you face the risk of institutional memory loss.

Vital reports spread across paper and digital folders create a dangerous "compliance gap".

This fragmentation increases operational risk every day.

Stop managing chaos. Start building resilience with TechDiff.ai.

The Solution: Future-Proof Operations



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Led by a 25-year data veteran, we utilize cutting-edge Agentic AI to bridge the gap.

We turn legacy systems, paper files, and scattered Excel sheets into an intelligent, centralized operational powerhouse.

Secure, scalable, and ready for the future.

Real Results: The TechDiff.ai Advantage

Client Success Story: Stabilizing East Mt. Airy Neighbors (EMAN)



Our Phase 1 intervention deployed AI tools to organize records, saving hundreds of manual hours for this local CDC.

"You and your company are a God send to me and just what EMAN needed... to rectify and stabilize it's current situation."

– EMAN Leadership

Core AI Capabilities



Intelligent AI Modernization:

Move legacy data to a modern CRM via AI data-scraping.

Convert files into a dynamic chatbot for 24/7 access.



Agentic Compliance & Audit-Proofing:

Establish a formal "Plan of Correction" so records are never missing.

"Deadline Sentinel" AI tracks dates and sends proactive notifications.



Administrative Continuity ("Safe-Fail"):

Automated delegation of duties if leadership is unavailable.

Encrypted digital vault ensures operations never skip a beat.



Protection & Guardianship:

Deploy enterprise-grade cybersecurity for sensitive documents.

AI monitoring system to track community sentiment and protect reputation.

A Model Designed for Your Success: Tiered rate structure ensures you only pay for high-level engineering when needed.

MARKET OPPORTUNITY & 3-YEAR GROWTH FORECAST

CAPTURING A MULTI-BILLION DOLLAR INTERSECTION

GLOBAL AI IN EDUCATION

(TAM by 2030)

\$30B+
MARKET

High CAGR (~30-40%)

US SOCIAL GOOD TECH

(SAM Current)

\$5-7B
MARKET

Stable Growth
(~7-10% CAGR)

PHILLY TECH MOMENTUM:

#13 Global Tech Hub,
\$3.3B VC in '24

3-YEAR REVENUE FORECAST (PROJECTED)



KEY TAKEAWAY: Ideally positioned to lead in a rapidly expanding, high-demand market intersection with a clear path to significant scale.