

# Sparx

Your Business AI Powered in an Hour.

## What is Sparx?

Sparx by AI Squared delivers enterprise-grade AI as a **conversational assistant** that securely connects to your existing data sources and delivers answers instantly — no coding, no data scientists required.

Originally developed on the AI Squared Unified Platform (Unifi), technology proven in the U.S. Department of Defense, Sparx is engineered for mid-sized enterprises and non-profits to cut decision time, reduce errors, and unlock new revenue opportunities.

**Ask any question. Get trusted answers from your data.**

## Why Sparx:

- **Fast Deployment:** Production-ready in less than an hour.
- **No-Code Setup:** No data scientist needed for installation.
- **Defense-Grade Security:** AES-256 encryption, zero-trust architecture.
- **Conversational Interface:** Ask questions in plain language, get real answers.

## Business Impact:

**Sparx** gives each member of your team the power of AI:

- **Eliminates data silos:** ERP, CRM, HRIS, databases and more in a single view.
- **Automates Repetitive Work:** Frees teams to focus on high-value activities.
- **Accelerates Decisions:** AI tools analyze data in real time to deliver actionable insights.

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**Sparx Helps Level the Playing Field:**  
**Enables mid-market organizations to compete with larger enterprises.**

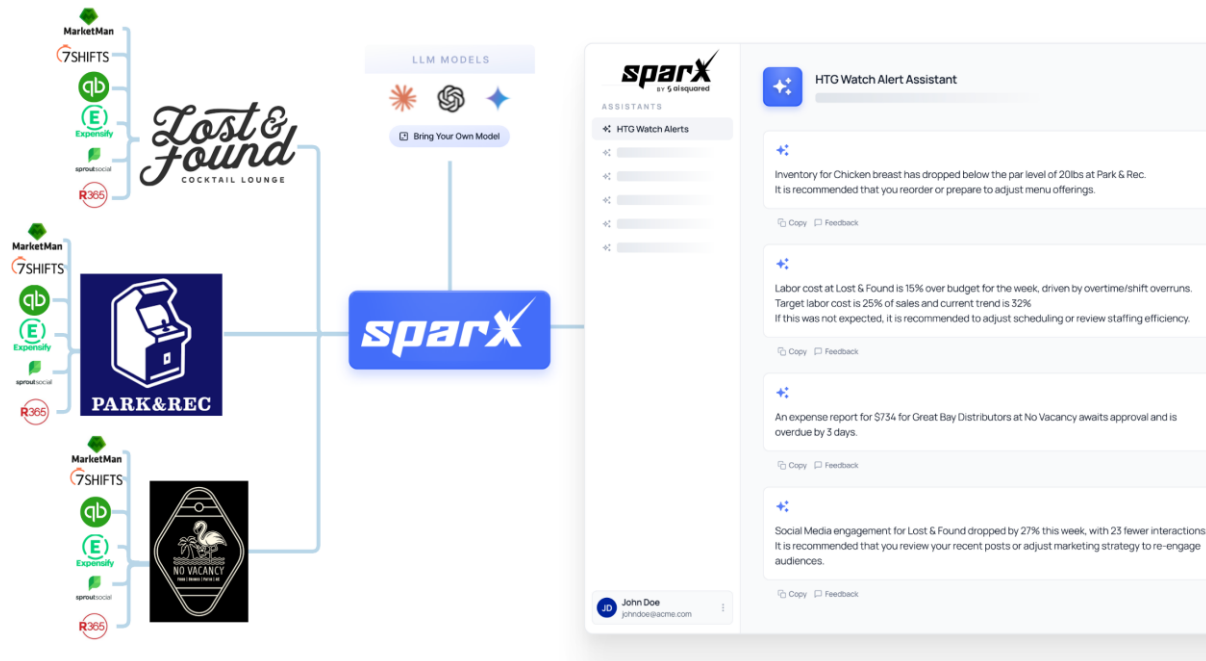
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## Who uses Sparx ?

- **Business Owners & Executives** – Drive growth and efficiency.
- **Non-Profit Leaders** – Optimize operations and donor engagement.

- **School Administrators** – Streamline reporting and compliance.
- **Line-of-Business Managers** – Gain real-time visibility into operations.
- **Individual Contributors** – Reduce manual data work.

## Example Implementation for a franchise:



## Before & After Sparx

Task	Before Sparx	After Sparx
Create a P&L since January of last year	2FA login into QuickBooks → Navigate to Reports → Select Company & Financial → Choose P&L → Select date range → Download PDF	Prompt: <i>"Create P&amp;L from January of last year"</i>
Check Remaining Software Licenses	Hire analyst → Engineer pulls logs → Export → Format → Pivot table → Match contracts → Calculate remaining licenses	Prompt: <i>"How many software licenses remain on this customer's contract?"</i>
Find Company Holidays	2FA into HRIS → Navigate to Time Off → Search holiday calendar	Type: <i>"What holidays do we observe?"</i>
Board Director Data Access	Directors repeatedly request manual reports from staff	Directors type their own questions directly into Sparx and receive instant answers

Sales Pipeline Report	CRM login → Apply filters → Export data → Format in Excel → Share via email	Prompt: <i>“Show me the current sales pipeline by stage and owner”</i>
Customer Support Ticket Summary	Log into Helpdesk → Apply filters → Export data → Summarize manually → Email stakeholders	Prompt: <i>“Summarize top 10 customer issues this month”</i>
Inventory Status Check	ERP login → Search SKU → Check warehouse availability → Cross-check with purchasing data	Prompt: <i>“What is the current inventory level for SKU 12345?”</i>
Employee Turnover Rate	Pull HRIS data → Export to spreadsheet → Calculate turnover formula → Prepare chart for HR	Prompt: <i>“What’s the employee turnover rate for the past 12 months?”</i>

## How Sparx Works

### System Architecture

#### Data Connectors Layer

- Pre-built connectors for ERP, CRM, HRIS, databases, APIs, and file systems.
- Examples: Quickbooks, Google Workspace, Office 365, Salesforce, SAP, Microsoft Dynamics, Snowflake, SharePoint, AWS S3.

#### Unified Data Layer (UDL)

- Harmonizes structured, semi-structured, and unstructured data.
- Built on AI Squared’s **Secure Data Fabric** technology.

#### Processing & AI Models

- Pre-trained LLMs (Claude, OpenAI, Bedrock) and custom model support.
- Real-time inferencing with vector database indexing.

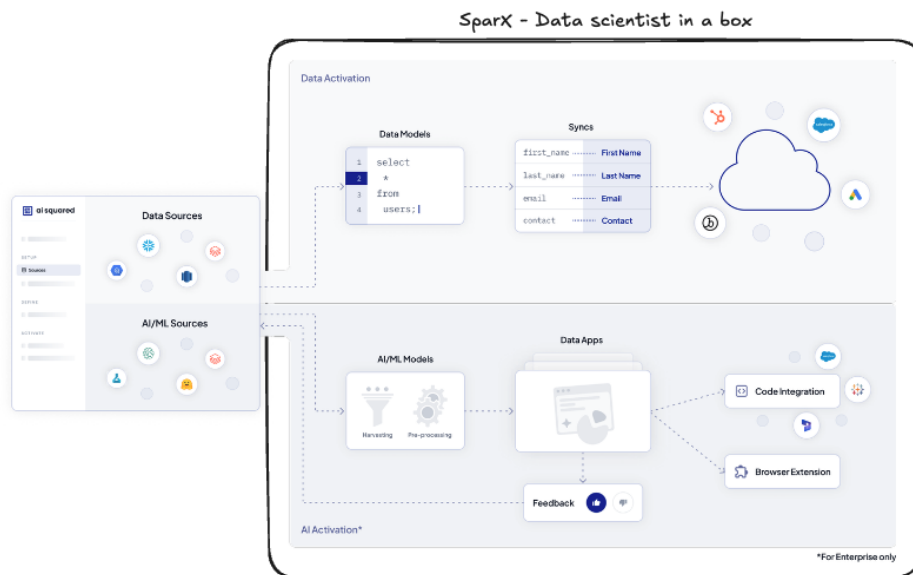
#### Application Layer

- **Sparx Chatbot** – Conversational interface for querying data and triggering workflows.
- **Insight Dashboard** – Visual analytics with drill-down capabilities.
- **Automation Engine** – Triggers workflows based on rules or AI-detected events.

#### Security & Compliance Layer

- End-to-end AES-256 encryption.
- Role-Based Access Control with SSO (Okta, Azure AD).
- Audit logging and compliance templates (HIPAA, GDPR, CCPA, FISMA).

## System Layout



## What's Included:

### Sparx: Launchpad Workspace

- Pre-configured **Launchpad Workspace** in the AI Squared platform.
- Default vector store and out-of-the-box model integrations.
- Starter templates for Q&A, RAG workflows, and chatbots.
- Ready-to-run workflows — zero code required.

## How to Get Started with Sparx

1. **Define your first use case** (e.g., reporting, forecasting, operations).
2. **Sign up** at [www.squared.ai](https://www.squared.ai) or contact [sales@squared.ai](mailto:sales@squared.ai).
3. **Configure in minutes** — or let our engineers guide you.
4. **Connect your data** via secure connectors.
5. **Deploy your AI assistant** and start asking questions.