Your Technology & Innovation Partner

TMA AI Newsletter

Quarter III of 2026

Welcome to TMA AI Quarterly Newsletter. Please contact sales@tmasolutions.com for solution details.

- OpenAI Select Partner
- Enterprise Agentic AI Architecture
- AI Risk & Governance
- AI Consulting
- AI Training
- AI Seminars
- New Solutions

OpenAI Select Partner

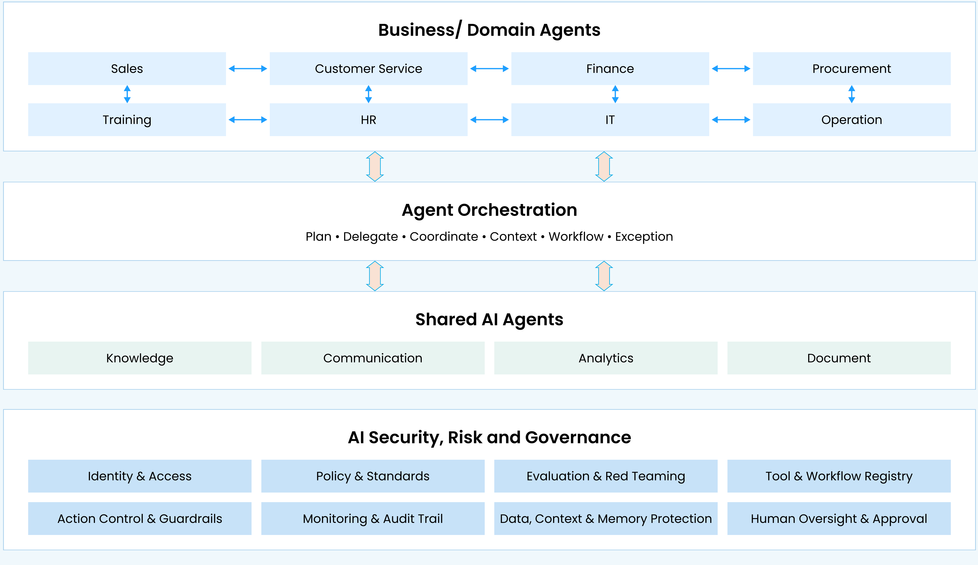
TMA Solutions has been named an OpenAI Select Partner within the OpenAI Partner Network, recognizing TMA's AI expertise, delivery capabilities, and commitment to helping organizations build, deploy, and scale AI solutions with OpenAI technologies. Through this partnership, TMA will expand its capabilities to help enterprises turn AI opportunities into practical business outcomes.

OpenAI Select Partner

Enterprise Agentic AI Architecture

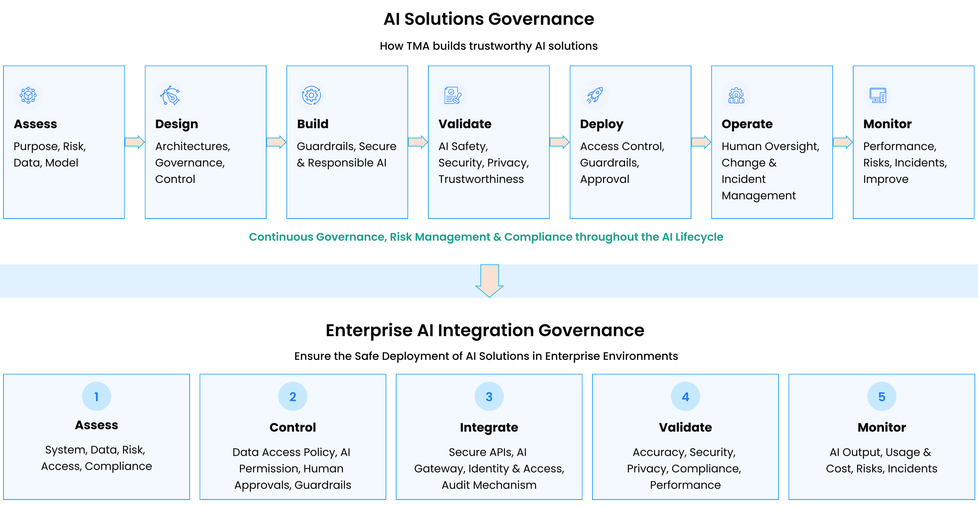
TMA developed an Agentic AI architecture for the enterprise, providing a standardized foundation to build, integrate, deploy, and manage AI agents across business functions.

This architecture can accelerate solution development and deployment while ensuring control, security, governance, and quality.



AI Risk & Governance

Our AI Risk and Governance Framework for safe, secure and responsible AI adoption aligned with ISO/IEC 42001, EU AI Act and NIST AI RMF (AI Risk Management Framework).



AI Consulting

TMA provides AI consulting services to support companies on leveraging AI technologies and solutions to optimize operations and increase competitive advantages.

	AI readiness assessment	AI opportunity discovery	Prioritizing AI use cases for business problems	AI transformation roadmap and plan	AI governance and responsible AI
SERVICES	Review data, technology, infrastructure, workforce, processes, and AI governance capability to identify areas for improvement	Analyze processes and interview departments to develop AI use case ideas aligned with strategy and real business needs	Analyze business impact and feasibility to build the business case and determine implementation priorities	Provide a phased action plan, including investment, KPIs, and risk mitigation measures	Build an AI governance framework covering risk assessment, bias detection, ethical policies, and data protection
DELIVERABLES	• AI readiness assessment scorecard • Report on gaps and improvement areas • Prioritized action list	• List of AI opportunities • List of data required to enable AI adoption	• Benefit and feasibility assessment • Prioritized list of use cases • Recommended AI use cases to invest in	• Phased AI implementation roadmap • Investment plan and evaluation metrics • Risk mitigation plan	• List and severity of AI-related risks • Principles for safe and responsible AI use • List of compliance requirements

AI Consulting Process

TMA's structured consulting methodology supports businesses from assessing their current state to defining a clear and actionable AI roadmap.

1. Current state assessment

Data	AI	Technology	Governance
• Data sources and availability • Data quality • Data governance • Data integration • Data architecture • Security and privacy	• Current AI needs • Existing AI use cases • AI readiness and capability • Existing models and platforms	• Current system architecture • Applications • Infrastructure • Integration capability • Scalability • Security and privacy	• Organizational structure • Governance model • Processes and policies • Workforce capability • Culture and adaptability

2. Solution recommendation

Data		AI	
• Data architecture	• Real-time data solutions	• Enterprise AI architecture	• Process automation
• Data governance and security	• Customer data solutions	• AI governance & responsible AI	• AI assistant
• Big data solutions	• Industry-specific data solutions	• Enterprise knowledge base	• AI solutions for industries

3. Roadmap and implementation plan

Estimated costs	Implementation roadmap	Resources
• Initial investment cost • Technology and infrastructure cost • Operations and maintenance cost • ROI estimate	• Implementation phases and timeline • Priority items • Expected outcomes	• Operating model • Operations staffing • Training plan

AI Training

TMA strengthens AI capabilities by upskilling resources through AI development and testing training programs.

AI Development Program

- **Foundation program** (8 weeks) → **Intermediate program** (16 weeks) → **Advanced program** (12 weeks)
- **Data science program** (10 weeks)
- **AI agent development program** (12 weeks)
- **AI technical architect** (14 weeks)

AI Testing Program

Foundation program (6 weeks) → **Intermediate program** (10 weeks) → **Advanced program** (16 weeks)

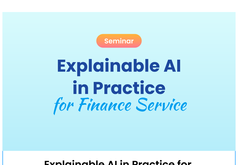
AI Certificates

- **160 AI project management & leading** (Google, PMI, Coursera, EduHubSpot)
- **300 AI/ML development** (Microsoft, Google, Nvidia, IBM, Oracle)
- **30 AI/ML testing** (ISTQB)
- **10 AI/ML infrastructure** (Nvidia, Oracle)

AI Seminar

TMA organizes AI seminars to share insights on emerging AI technologies and practical applications, helping employees build AI capabilities and apply AI in their work.

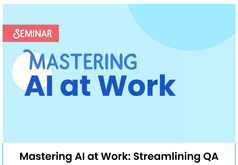
Securing Agentic AI at Internet Scale



Explainable AI in Practice for Finance Service

AskAI: Building the AI Wearable of Tomorrow, Today

Applying AI into SDLC



Mastering AI at Work: Streamlining QA Workflows with MCP Agents

Scalable Agent Coding with OpenCode

Auto Research: When AI Becomes The Researcher

Prompt Injection Testing

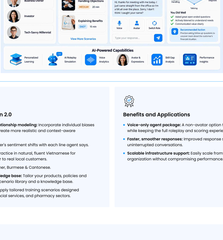
New Solutions

1. AI Sales Roleplay & Simulation Version 2.0
2. Wealth Intelligence
3. Student Safety & Wellbeing
4. Orthopedic Preoperative Planning Version 2.0
5. LLM Security Gateway
6. LLM Security Gateway
7. Package Inspection

1. AI Sales Roleplay & Simulation Version 2.0

Description

Our AI-powered roleplay solution helps employees practice realistic customer conversations with instant feedback. Version 2.0 now adds customer perception & relationship modeling for more nuanced, human-centric conversations, with tailored training scenarios for banking, financial services, and pharmacy.



New Features in Version 2.0

- **Customer perception & relationship modeling:** Incorporate individual biases and relationship context to create more realistic and context-aware AI responses.
- **Sentiment timeline:** Customer's sentiment shifts with each line agent says.
- **Natural interruptions value:** Practice in natural, fluent interactions for conversations that feel closer to real local customers.
- **More language support:** Korean, Burmese & Cantonese.
- **Expanded scenarios & knowledge base:** Tailor your products, policies and industry context with richer scenario library and a knowledge base.
- **New industry applications:** Apply tailored training scenarios designed specifically for banking, financial services, and pharmacy sectors.

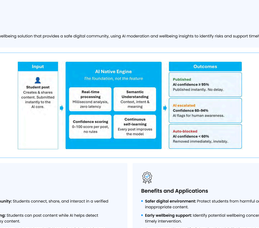
Benefits and Applications

- **Value-very-sport package:** A non-scatter option that cuts deployment cost while keeping the full roleplay and scoring experience.
- **Faster, smoother responses:** Improved response speed for more natural, uninterrupted conversations.
- **Scalable infrastructure support:** Easily scale from a pilot team to the whole organization without compromising performance.

2. Wealth Intelligence

Description

AI-powered wealth solution that turns financial documents into structured insights, providing a clear view of assets, ownership, and generational wealth to support better financial decisions.



Features

- **AI data extraction:** Turn financial documents into structured data.
- **Wealth assistant:** Answer questions about assets, investments, and finances.
- **Unified wealth view:** See assets, liabilities, investments, and cash flow in one place.
- **Wealth insights:** Highlight trends, risks, and opportunities.
- **Personalized advice:** Suggest actions based on goals and risk profile.
- **Advisor collaboration:** Share selected data with advisors for support.
- **Smart alerts:** Notify users of important changes or upcoming actions.

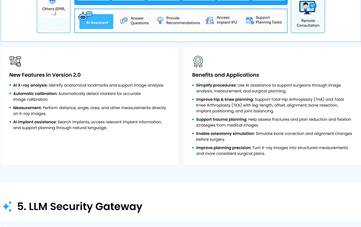
Benefits and Applications

- **Operational efficiency:** Reduce manual effort and speed up wealth operations.
- **Holistic wealth management:** Manage assets and financial information in one place.
- **Better financial decisions:** Support informed decisions with AI-driven insights.
- **Secure wealth management:** Protect sensitive financial data and maintain control.

3. Student Safety & Wellbeing

Description

AI-powered student wellbeing solution that provides a safe digital community, using AI moderation and wellbeing insights to identify risks and support timely action.



Features

- **Safe student community:** Students connect, share, and interact in a verified school community.
- **Safer content sharing:** Students can post content while AI helps detect inappropriate or risky content.
- **Student wellbeing support:** Help students build healthier digital habits and manage screen time.
- **Early risk detection:** Identify potential wellbeing or online safety concerns for timely support.
- **Parent & teacher visibility:** Give parents and teachers insights into student wellbeing and digital activity.

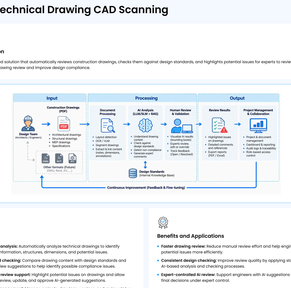
Benefits and Applications

- **Safer digital environment:** Protect students from harmful or inappropriate content.
- **Early wellbeing support:** Identify potential wellbeing concerns for timely intervention.
- **Better parent & school insights:** Provide visibility into student wellbeing and digital activity.

4. Orthopedic Preoperative Planning Version 2.0

Description

A preoperative planning app that helps surgeons analyse medical images and build precise surgical plans, with version 2.0 adding AI-assisted calibration, measurement, and anatomical landmark detection.



New Features in Version 2.0

- **AI - xay analysis:** Identify anatomical landmarks and support image analysis.
- **Automatic calibration:** Automatically detect markers for accurate image calibration.
- **Measurement:** Perform distance, angle, area, and other measurements directly on X-ray images.
- **AI implant assistance:** Search implants, access relevant implant information, and support planning through natural language.

Benefits and Applications

- **Simplify procedures:** Use AI assistance to support surgeons through image analysis, measurement, and surgical planning.
- **Improve hip & knee planning:** Support Total Hip Arthroplasty (THA) and Total Knee Arthroplasty (TKA) with leg length, offset, alignment, bone resection, implant positioning, and joint balancing.
- **Support trauma planning:** Help assess fractures and plan reduction and fixation strategies from medical images.
- **Enable veterinary simulation:** Simulate bone correction and alignment changes before surgery.
- **Improve planning precision:** Turn X-ray images into structured measurements and more consistent surgical plans.

5. LLM Security Gateway

Description

An enterprise AI governance solution that provides a single, secure entry point for all LLM usage across the organization. It centralizes authentication, access policies, security filtering, multi-LLM routing, monitoring and audit, helping organizations adopt AI safely while maintaining visibility and control.

Features

- **Centralized LLM gateway:** Control all AI requests through a single secure gateway to manage access, security, usage, and connect with different AI models across the organization.
- **AI access and policy management:** Manage users, permissions, and AI usage rules to ensure employees use approved AI services safely.
- **AI security protection:** Detect and prevent sensitive data leakage, unsafe content, and security risks during AI interactions.
- **AI usage monitoring and audit:** Track AI usage, security events, and costs through centralized dashboards and reports.

Benefits and Applications

- **Secure AI adoption:** Help organizations use AI safely with centralized control and security protection.
- **Data protection:** Reduce the risk of sensitive data leakage when using AI services.
- **Better AI management:** Provide visibility into AI usage, costs, and security events across the organization.

6. Technical Drawing CAD Scanning

Description

An AI-powered solution that automatically reviews construction drawings, checks them against design standards, and highlights potential issues for experts to review. It helps streamline drawing review and improve design compliance.

Features

- **AI drawing analysis:** Automatically analyze technical drawings to identify important information, structures, dimensions, and potential issues.
- **AI standard checking:** Compare drawing content with design standards and provide review suggestions to help identify possible compliance issues.
- **Interactive review support:** Highlight potential issues on drawings and allow experts to review, update, and approve AI-generated suggestions.
- **Drawing management:** Manage projects, drawings, versions, and review status through a centralized platform.

Benefits and Applications

- **Faster drawing review:** Reduce manual review effort and help engineers identify potential issues more efficiently.
- **Consistent design checking:** Improve review quality by applying standardized AI-based analysis and checking processes.
- **Expert-controlled AI review:** Support engineers with AI suggestions while keeping final decisions under expert control.

7. Package Inspection

Description

Package Inspection combines AI with image processing to automate real-time inspection across packaging and sorting lines, helping detect discrepancies earlier and reduce manual quality control effort.

Features

- **Quantity verification:** Detect missing or excess items before sealing.
- **Barcode recognition:** Identify and decode package codes in motion.
- **Packaging inspection:** Detect structural, wrapping, and sealing defects before dispatch.

Benefits and Applications

Designed for high-volume packaging, sorting, fulfillment, and distribution operations.

- **Reduce returns & rework:** Detect discrepancies earlier to reduce rework, returns, and repackaging.
- **Maintain line productivity:** Reduce manual inspection at critical checkpoints on high-throughput lines.
- **Improve inspection consistency:** Apply standardized inspection criteria across shifts and production lines.
- **Support traceability:** Link package identification with inspection records for easier audits and issue investigation.