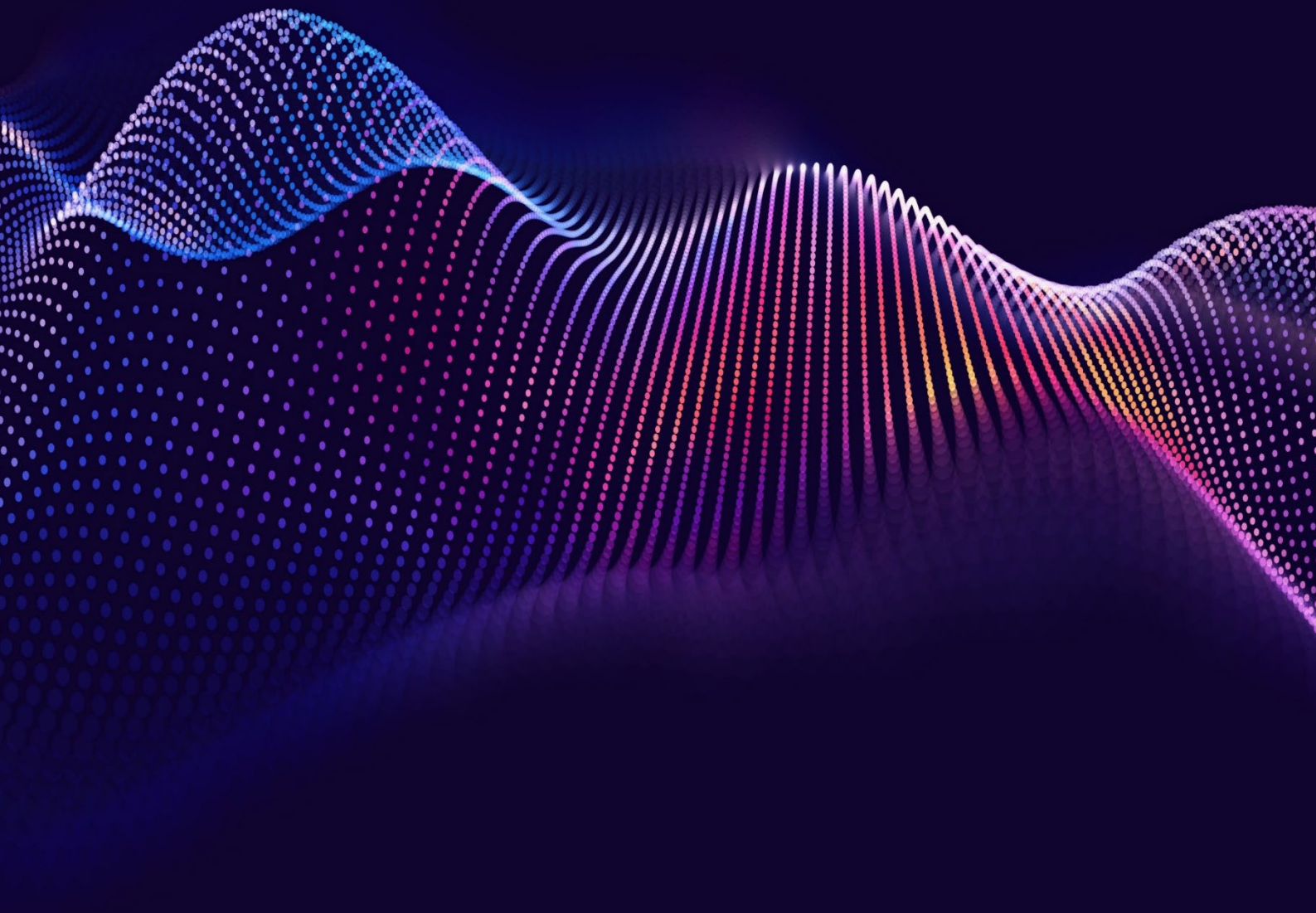BROCHURE

TechM Orion Enterprise Agentic AI Automation Platform

Abstract

Traditional AI and automation systems, while powerful, often struggle with rigidity, limited adaptability, and a reliance on predefined rules or workflows. These systems typically require extensive human oversight, lack contextual awareness, and are unable to dynamically respond to evolving goals or environments.

Agentic AI offers a paradigm shift by introducing autonomous, goal-driven agents capable of reasoning, planning, and acting independently. Rather than being reactive tools; they possess the ability to set objectives, decompose tasks, collaborate with other agents or humans, and adapt strategies based on feedback and changing conditions. This agentic approach enables systems to operate with greater flexibility, resilience, and intelligence, making them ideal for orchestrating complex workflows, managing interdependent tasks, and driving continuous improvement without constant human intervention.

Introduction

Presenting TechM Orion, a next-generation Agentic Al platform that enables intelligent, autonomous execution of complex business workflows. Powered by reusable agents that can reason, plan, and act across enterprise systems, TechM Orion helps organizations unlock new levels of efficiency, intelligence, and scalability in their digital operations.

Designed with enterprise readiness in mind, TechM Orion can be deployed flexibly across public clouds, on-premises data centers, and even air-gapped environments-ensuring secure adoption across regulated industries.

Built on NVIDIA AI Enterprise accelerated computing which offers Generative AI in more top-down approach to make it truly packaged and adoptable. Pivoted on Tech Mahindra's new AI narrative 'AI Delivered Right', it minimizes the challenges and fast-tracks realization cycle for enterprises.
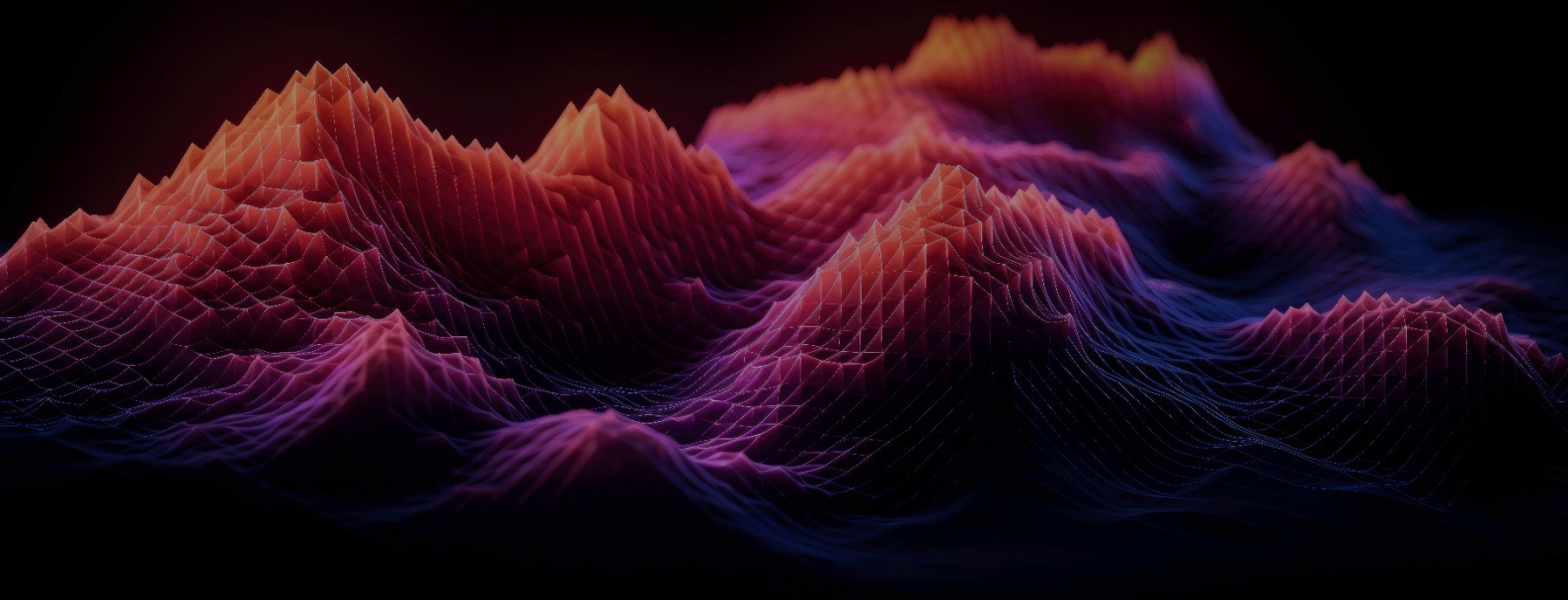
Speed

Inter-Operability

AI Governance

Why TechM Orion

- **Agentic Intelligence in Action**

  TechM Orion agents can autonomously perform tasks across systems, combining large language models (LLMs), structured data access, and real-time decision-making capabilities. This goes beyond static automation by adapting to changing inputs and business logic.

- **Advanced AI Workload Support**

  Our platform is integrated with components from the NVIDIA AI Enterprise stack, helping enterprises accelerate LLM inference, fine-tuning, and deployment using GPU-optimized infrastructure. This ensures production-grade scalability, performance, and support for advanced AI workloads

- **No-Code/Low-Code Platform**

  The visual interface allows business users and analysts to configure and deploy agents without requiring ML or data science expertise—while power users can bring in their own models, logic, or frameworks.

- **Modular & Extensible**

  TechM Orion supports plug-and-play integration with enterprise systems (e.g., ServiceNow, SharePoint, databases) and popular agentic frameworks like CrewAI, LangGraph, Google ADK, or Microsoft AutoGen.

- **Flexible Deployment with Platform-Agnostic Architecture**

  TechM Orion can run on any major hyperscaler (Azure, AWS, GCP, etc.), on private cloud, or in on-premises/air-gapped environments, ensuring full control over infrastructure, data, and compliance.

- **Agent Management & Monitoring**

  Powered by TechM VerifAI, governance in TechM Orion allows users to track performance metrics and perform real-time monitoring of agent activity, resource utilization, and error rates, enabling proactive troubleshooting.

Platform Features

- **Agent Cube (Creating AI Agents)**

  As business users, create Al agents at lightning speed to conceptualize business cases and realize value.

- **Model Farm (Model Fine Tuning for SLM)**

  Model Tuning for SLM creation for enterprise custom knowledge for specific requirements of your organization.

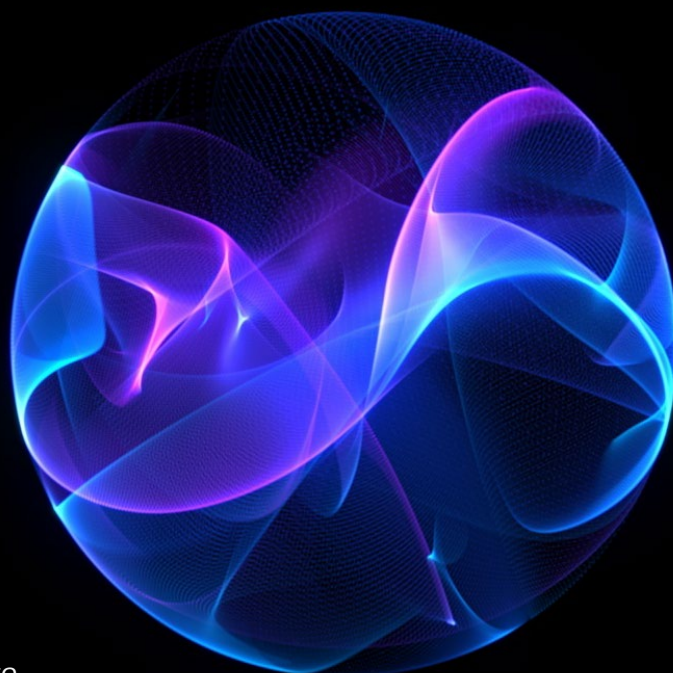- **Launchpad (Playground for Agents)**

  Chat-UI for Human-Agent interaction, view Multi-Agentic Conversation, Monitor with a dynamic Governance Dashboard in real-time

- **RAG Repository (Knowledge Base for Agents)**

  Tap into your enterprise's knowledge base to power use case execution and contextualized experience.

- **Assurance (Evaluation using TechM VerifAI)**

  TechM VerifAI Guardrails for built-in safety, compliance, and performance checks. Monitoring & Governance through Tools for observability, versioning, and analytics.

Benefits

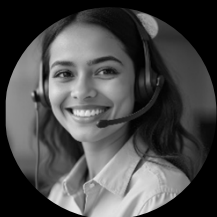| 50%	25%	30%
Faster responsible AI adoption	Faster GenAI UC implementation and deployment	Faster engineering

Examples Where TechM Orion Can Help Enterprises

Customer Service

Enhance customer service and productivity with 24/7 support through virtual assistants and chatbots, handling routine queries and escalating complex problems to human agents, ensuring quick and efficient customer service

DevOps

Automates repetitive tasks like code deployment, testing, and monitoring Predict potential system failures and optimize resource allocation Ensure continuous integration and delivery, leading to more reliable and faster software development cycles

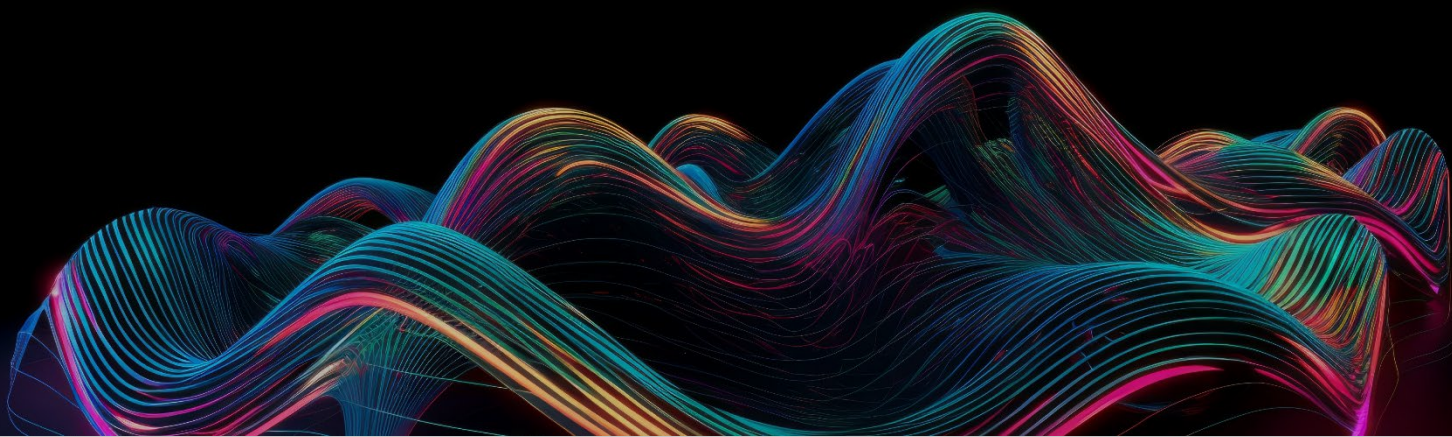### Shared Services

Streamline shared services by automating administrative tasks like HR, payroll processing, data entry, and compliance reporting Reduce manual errors, speeds up processes, and allows human employees to focus on more strategic activities

Business Use Cases

Analyze large datasets to provide actionable insights, optimize supply chain management, and improve decision-making processes. Automate routine tasks, enhancing overall operational efficiency and productivity

About Tech Mahindra

Tech Mahindra (NSE: TECHM) offers technology consulting and digital platforms to global enterprises across industries, enabling transformative scale at unparalleled speed. With 148,000+ professionals across 90+ countries helping 1100+ clients, Tech Mahindra provides a full spectrum of services including consulting, information technology, enterprise applications, business process services, engineering services, network services, customer experience & design, AI & analytics, and cloud & infrastructure services. It is the first Indian company in the world to have been awarded the Sustainable Markets Initiative's Terra Carta Seal, which recognizes global companies that are actively leading the charge to create a climate and nature-positive future. Tech Mahindra is part of the Mahindra Group, founded in 1945, one of the largest and most admired multinational federation of companies. For more information on how TechM can partner with you to meet your scale at speed imperatives, please visit https://www.techmahindra.com/.

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