
ARCHITECTURE AND PLATFORM ADVISORY

Service Definition



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TRIDENT INTELLIGENT SOLUTIONS

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Service overview

The Architecture and Platform Advisory service provides expert guidance on enterprise architecture, platform strategy, and technology roadmaps to ensure scalable, secure, and future-ready IT landscapes. The service supports decision-making on technology selection, integration patterns, platform modernisation, and the adoption of advanced capabilities including AI, generative AI, and agentic AI solutions.

The service covers advisory across infrastructure, data platforms, cloud services, analytics and BI platforms, and AI/agentic AI enablement. It ensures that platform decisions are aligned to business objectives, governance requirements, regulatory obligations, and industry best practices.

Capabilities include:

- Enterprise and solution architecture assessments
- Cloud, hybrid, and on-premises platform advisory
- Platform integration, interoperability, and modernisation strategies
- Technology roadmaps aligned to business and digital transformation goals
- Scalability, performance, and resilience advisory
- Security, compliance, and governance guidance
- AI, generative AI, and agentic AI integration and orchestration considerations
- Vendor and tool selection guidance, including foundation models, BI tools, and orchestration platforms

The service is delivered through structured consultancy engagements, workshops, and advisory sprints, producing actionable recommendations for board, executive, and technical stakeholders.

Scope of advisory services

Enterprise and solution architecture

- Assessment of current architecture maturity and gaps
- Definition of target-state architecture for business and technology objectives
- Alignment of architecture with data, analytics, AI, and agentic AI strategies

- Recommendations for modular, scalable, and maintainable platforms

Platform selection and modernisation

- Evaluation of cloud, hybrid, and on-premises platforms
- Guidance on modernisation strategies (e.g., cloud migration, platform rationalisation)
- Recommendations for integration of AI/agentic AI pipelines, analytics, and BI platforms
- Vendor and solution evaluation, including cost, compliance, and resilience considerations

Integration, interoperability, and data flow

- Definition of integration patterns and middleware strategy
- Guidance on data movement, orchestration, and pipeline optimisation
- Alignment with AI/agentic AI workflows, model pipelines, and analytics platforms
- Recommendations for real-time, batch, or event-driven architectures

Scalability, resilience, and performance

- Assessment of current and projected capacity requirements
- Recommendations for scaling platforms, pipelines, and analytics workloads
- Resilience planning, failover, and disaster recovery advisory
- Performance benchmarking and optimisation guidance

Security, compliance, and governance

- Architecture and platform controls aligned to ISO/IEC 27001, cloud security frameworks, and regulatory obligations
- Guidance for AI governance, human oversight, and ethical considerations in agentic AI adoption
- Risk-based security recommendations for data, platforms, and integration points
- Alignment with audit and compliance requirements

Roadmaps and transformation planning

- Technology and architecture roadmaps aligned to business goals and AI/analytics strategies
- Phased implementation and integration planning for legacy and modern platforms
- Recommendations for organisational adoption, skills, and operational readiness
- Guidance on monitoring, metrics, and continuous improvement

Engagement approach and deliverables

Advisory engagements are tailored to client needs and may include interviews, workshops, architecture reviews, platform assessments, and proof-of-concept evaluations. Typical deliverables may include:

- Architecture assessment reports and gap analyses
- Target-state architecture blueprints and reference models
- Platform selection and vendor recommendation documents
- Integration and orchestration strategy documents
- Roadmaps for platform modernisation, AI/agentic AI integration, and analytics enablement
- Security, governance, and compliance advisory papers
- Executive briefings and decision-support materials

Deliverables are provided in mutually agreed formats, designed to support decision-making, auditability, and actionable implementation planning.

Onboarding and engagement initiation

Following contract agreement, a lead architect or advisory manager and appropriate team are assigned. A kick-off session is held to confirm objectives, scope, stakeholders, governance arrangements, and engagement logistics.

A Statement of Work or Engagement Definition document is agreed, defining scope, assumptions, deliverables, timelines, dependencies, and client responsibilities. Access to relevant architecture documentation, platform inventories, and stakeholders is agreed to enable effective advisory delivery.

Service constraints

Effectiveness depends on availability of client stakeholders, accurate and complete documentation, and access to current platform and architecture information. Advisory outcomes are recommendations; final implementation, risk acceptance, and governance remain the responsibility of the client.

Integration advice for AI or agentic AI solutions assumes availability of suitable platforms, tools, and environments to enable execution of recommendations.

Governance, assurance, and quality

Advisory activities follow structured methodologies aligned to industry best practices (TOGAF, Zachman, ISO/IEC 42010, ITIL, ISO/IEC 42001 for AI management systems). Recommendations are quality-checked for accuracy, feasibility, and compliance with security, risk, and governance requirements.

Outputs may be mapped to recognised frameworks for auditability, including:

- Enterprise architecture standards (TOGAF, ISO/IEC 42010)
- Cloud and infrastructure governance (CIS, CSA, ISO/IEC 27017)
- AI governance and risk management (ISO/IEC 42001, ISO/IEC 23894, NIST AI RMF, OECD AI Principles, EU AI Act where applicable)

Security and confidentiality

All client information is handled in accordance with contractual confidentiality obligations and ISO/IEC 27001-aligned information security policies. Access to client information is restricted to authorised personnel and used solely for the purposes of delivering advisory services.

No client data is retained beyond the engagement, except for agreed contractual, legal, or quality assurance purposes.

Offboarding and exit

At the conclusion of the engagement, a formal close-out session is conducted to review outcomes, confirm delivery of agreed artefacts, and outline next steps.



All deliverables, documentation, architecture blueprints, and supporting materials are provided to the customer. No ongoing obligations are assumed unless explicitly agreed under a separate engagement.

Relationship to other services

This advisory service complements AI solution development, analytics/BI, and AI strategy services. Clients may use these recommendations to guide future solution delivery, platform deployments, or transformation projects, either with the service provider or third-party implementers.