



Accelerated Compute Advisory: APUs for High-Performance Workloads

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1. Insight

Insight leads the delivery of transformative solutions, supported by a powerful ecosystem of over 6,000 global partners including Microsoft, AWS, and Cisco.

As a Fortune 500 company with a long-standing history of delivering trusted services to the UK Public Sector, we combine our own deep expertise in consulting, advisory, and transformation with partner innovation to create holistic solutions across cloud, data, modern workplace, cybersecurity, and application services.

Guided by proven methodologies and ESG principles, we work collaboratively to design and implement tailored strategies that drive measurable business impact while promoting sustainability and governance excellence.

2. Insight for the Public Sector

Your End-to-End Digital Transformation Partner

As a leading Solutions Integrator, Insight combines deep technical expertise with a vast partner ecosystem to help UK government organisations modernise, innovate, and deliver citizen-centric services. We hold places on over 85 public sector frameworks, offering a compliant, efficient route to digital transformation.

We don't just supply IT; we design, deploy, and manage the solutions that secure your data and unlock value.

Core Areas of Expertise

- **Innovation, Data & AI:** we deliver end-to-end data science and custom AI solutions. From modernising data platforms to deploying bespoke machine learning and spatial computing, we help you unlock the value of your data to drive operational efficiency.
- **Modern Infrastructure & Cloud:** Building scalable, hybrid foundations that reduce technical debt and support multi-cloud strategies.
- **Modern Workplace:** Empowering the public sector with secure, flexible tools to work from anywhere, attracting talent and improving productivity.
- **Cybersecurity:** Comprehensive managed security services, threat detection, identity protection, and compliance management to ensure your data remains sovereign and secure.
- **Modern Apps:** Agile application development creating meaningful and impactful tools that link to tangible benefits, improvements and cost savings.

Our Approach: Consulting, Lifecycle, & Managed Services

We deliver value at every stage of your technology journey, ensuring accountability from strategy to support:

- **Consulting (Architecting the Future):** We bridge internal skills gaps with data-driven strategy. From "Discover & Design" to full-scale migration planning, we ensure your investments solve real public sector challenges.
- **Lifecycle (Seamless Execution):** We take the risk out of procurement and deployment. Leveraging global buying power, we handle everything from supply chain management and imaging and implementation to sustainable asset disposal (ITAD).
- **Managed Services (Always-On Support):** Shift from "keeping the lights on" to innovation. We provide 24/7 infrastructure monitoring, cloud cost optimisation (FinOps), and security operations to ensure resilience.

3. Services

Service Name

Accelerated Compute Advisory: APUs for High-Performance Workloads

Service Description

Comprehensive consulting for enterprises seeking to leverage Accelerated Processing Units (APUs) in cloud infrastructure to enhance compute-intensive applications and AI-driven workloads.

Features

- Workload assessment for APU suitability and ROI analysis
- Architecture blueprint for APU-integrated cloud environments
- Vendor-neutral benchmarking and performance testing services
- Guidance on software and application optimization for APUs
- Consult on orchestration and scalability strategies for APUs
- Cost modeling and efficiency forecasting for APU workloads
- Strategic roadmap for hybrid and multi-cloud deployments
- Security and compliance advisory for accelerated compute
- Change management and upskilling for IT and developer teams
- Ongoing support and best practices for APU lifecycle management

Benefits

- Accelerate compute-intensive tasks with tailored APU strategies
- Reduce time-to-insight for AI, ML, and analytics projects
- Optimize infrastructure investment with precise workload placement
- Unlock new application capabilities not feasible on legacy compute
- Lower operational costs through advanced efficiency modeling
- Enhance scalability for growing data and user demands
- Mitigate technology risk using expert-led adoption frameworks
- Ensure compliance in regulated environments with proven methods
- Empower teams through knowledge transfer and skill development
- Maintain competitive edge with continuous innovation guidance

Constraints

Service requires compatible cloud IaaS platforms and appropriate application workloads.

CONTACT US

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