Asset and Inventory Control
G-Cloud 15

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1 Service Overview

Capgemini's **Asset and Inventory Control service** enables public sector organizations to manage physical and digital assets with **accuracy, transparency, and compliance**, leveraging the **scalability and security of cloud-based solutions**. In an era of **budget constraints, energy security priorities, and Net Zero commitments**, effective asset and inventory management is critical to ensuring **operational efficiency, reducing waste, and maintaining service continuity**.

This need is amplified in **UK government-backed infrastructure programs**, including **nuclear projects, renewable energy developments, and major construction initiatives**. These projects are essential for achieving **energy independence and climate targets**, yet they face challenges around **cost, speed, and complexity**. With thousands of components and high-value assets spread across multiple sites, robust asset control is vital to:

- Prevent delays and cost overruns.
- Ensure compliance in safety-critical environments.
- Optimise inventory levels and resource utilization.
- Maintain visibility across complex supply chains.

Capgemini's approach goes beyond traditional inventory tracking by **planning, optimizing, and transforming the end-to-end asset lifecycle**—from development and introduction through growth, maturity, and decline. By integrating **cloud-native platforms, IoT sensors, automation, and advanced analytics**, we deliver **real-time visibility and control**, enabling public sector organizations to:

- Track and monitor assets across multiple locations with secure, centralized data.
- Optimize inventory levels to reduce costs and accelerate delivery.
- Ensure compliance with government standards and audit requirements.
- Enhance decision-making through predictive analytics and performance dashboards

By combining Capgemini's **strategic insights** with leading technology platforms, we help public sector organizations create a **future-ready asset and inventory control strategy** that aligns with regulatory frameworks, supports sustainability goals, and improves citizen service delivery

2 Why Capgemini

Capgemini is uniquely positioned to help public sector organizations transform asset and inventory management through cloud-enabled, secure, and future-ready solutions. Our proposition is built on three pillars:

Global and UK Public Sector Expertise

Capgemini has extensive experience delivering **cloud transformation and supply chain optimisation** for public sector organizations across the UK and globally. With **SC-cleared professionals**, we ensure compliance with government standards and GDS delivery principles. Our teams bring deep knowledge of **public sector governance, procurement, and operational challenges**, enabling us to act not just as a technology provider but as a **strategic partner**.

Experience in Specialised Solutions for Asset & Inventory Control:

- **HPC Supplier Portal (EDF Energy)** – Streamlined supplier collaboration and procurement visibility.
- **SWITCH Supplier Portal (Dassault Systems)** – Advanced supplier engagement and inventory synchronization.
- **Arabelle Solutions' MTA** – Modernised tracking and automation for asset lifecycle management.

These proven solutions demonstrate Capgemini's ability to deliver **complex, integrated platforms** that enhance visibility, compliance, and operational efficiency.

Strong Focus on Innovation

We embed innovation at the heart of every engagement. Capgemini leverages **cloud-native platforms, IoT, AI, automation, and advanced analytics** to deliver real-time visibility and predictive insights for asset and inventory control. Our approach ensures solutions are **future-ready**, scalable, and aligned with sustainability goals. By combining **data-driven decision-making** with **digital transformation best practices**, we help organizations reduce costs, improve efficiency, and enhance citizen services

Strong Partner Ecosystem

Capgemini works with **leading technology providers and solution partners** to deliver integrated, secure, and compliant solutions for asset and inventory control in the public sector cloud. Our ecosystem includes:

- **Cloud Providers**:
  - **Microsoft Azure** – Secure, scalable cloud infrastructure with advanced analytics and IoT integration.
  - **Amazon Web Services (AWS)** – Robust cloud services for asset tracking and data management.
  - **Google Cloud Platform (GCP)** – AI-driven insights and scalable data solutions.
- **Enterprise Platforms & Solutions:**
  - **SAP**, **Oracle**, **ServiceNow**, **Salesforce** – Integrated ERP and asset tracking capabilities.
- **IoT & Automation Partners:**
  - **Siemens**, **Zebra Technologies**, **Honeywell** – IoT sensors and automation for real-time asset monitoring.

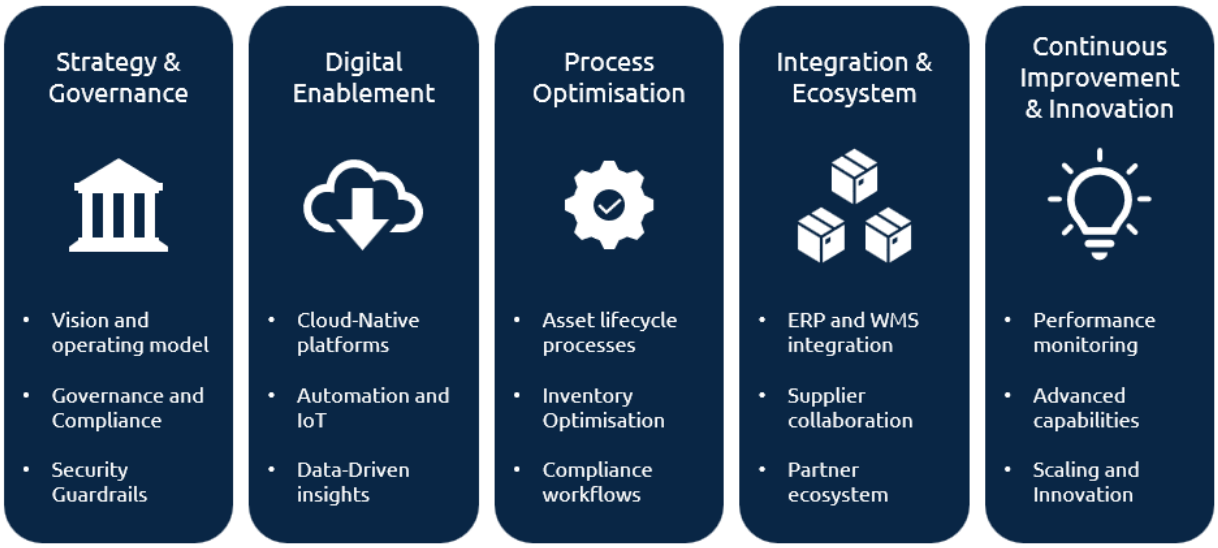
This strong partner network ensures seamless integration, secure deployment, and compliance with UK government standards.

2.1 The Capgemini Proposition

Capgemini's framework is built on five strategic pillars that enable public sector organisations to achieve visibility, compliance, and efficiency across the asset lifecycle, leveraging cloud-native technologies and industry best practices.

Our Framework

Asset & Inventory Control Framework



1. Strategy & Governance

- Establish a **clear vision and operating model** for asset and inventory control aligned with public sector objectives.
- Define **governance structures, compliance standards, and security guardrails** for cloud deployment.
- Ensure alignment with **UK government regulations, GDS standards, and nuclear/construction safety requirements**.

2. Digital Enablement

- Deploy **cloud-native platforms** for centralized asset and inventory management.
- Integrate **IoT sensors, RFID, and automation** for real-time tracking and lifecycle visibility.
- Enable **data-driven decision-making** through advanced analytics and AI for predictive insights.

3.Process Optimization

- Standardize **end-to-end asset lifecycle processes**: planning, procurement, storage, issuance, maintenance, and decommissioning.
- Implement **inventory optimization policies** to reduce working capital and prevent stockouts.
- Embed **compliance and audit readiness** into operational workflows.

4. Integration & Ecosystem

- Connect **ERP, EAM/CMMS, WMS, and supplier portals** (e.g., HPC Supplier Portal, SWITCH Supplier Portal, Arabelle Solutions' MTA) for seamless data flow.
- Leverage Capgemini's **partner ecosystem**:
  - **Cloud providers**: Microsoft Azure, AWS, Google Cloud
  - **Enterprise platforms**: SAP, Oracle, ServiceNow, Salesforce
  - **IoT & automation partners**: Siemens, Zebra Technologies, Honeywell

5. Continuous Improvement & Innovation

- Establish **performance dashboards and KPIs** for ongoing monitoring.
- Introduce **advanced capabilities** such as digital twins, predictive maintenance, and AI-driven demand forecasting.
- Scale solutions across multiple sites and programs, supporting **UK nuclear, major construction, and Net Zero initiatives**.

3 Business Need

The UK is undertaking some of its most ambitious infrastructure programs to achieve energy security and Net Zero targets, including nuclear projects, renewable energy developments, and other major government-backed construction initiatives. These projects are critical for the nation's energy independence and climate commitments, but they face significant challenges around cost, speed, and complexity.

- **Energy Security & Net Zero**: Both nuclear and renewable projects are essential to meet the UK's climate goals and reduce reliance on imported energy.
- **Cost & Speed**: The UK aims to build nuclear faster and cheaper, with regulatory reviews and efficiency measures underway, as it remains one of the most expensive markets for nuclear development.
- **Advanced Nuclear Technologies**: The focus is shifting to **Small Modular Reactors (SMRs)** and **Advanced Modular Reactors (AMRs)** for flexible, low-carbon power generation.

In this context, **Asset and Inventory Control becomes mission critical**. These projects involve thousands of components, specialized equipment, and high-value assets spread across multiple sites and suppliers. Without robust control, organizations risk:

- **Delays and cost overruns** due to missing or mismanaged materials.
- **Compliance failures** in safety-critical environments.
- **Inefficient resource utilization**, increasing working capital and waste.
- **Supply chain disruptions**, impacting project timelines and energy targets.

A **cloud-enabled Asset and Inventory Control strategy** ensures:

- **Real-time visibility** of assets across complex supply chains.
- **Optimized inventory levels** to reduce costs and accelerate delivery.
- **Compliance with stringent safety and regulatory standards**.
- **Data-driven decision-making** for proactive risk management.

Capgemini helps public sector organizations and major infrastructure programs implement **future-ready asset and inventory control solutions**, leveraging **cloud platforms, IoT, automation, and advanced analytics** to deliver efficiency, transparency, and resilience

3.1 Capgemini's Approach

Our approach is designed to take public sector organizations from scope definition through implementation and continuous improvement, ensuring measurable impact and alignment with strategic objectives.

1. Define Scope and Requirements

Objective: Establish the foundation for transformation by clarifying scope and business needs.

Key Activities:

- Conduct stakeholder interviews and workshops.
- Map the end-to-end journey of assets and categorize asset types (critical spares, consumables, IT assets, components).
- Identify compliance and audit requirements.

Deliverables:

- Scope definition document.
- Stakeholder landscape and asset categorization report.
- Requirements specification.

2. Evaluate Solutions and Identify Preferred

Objective: Select the right technology and partner ecosystem for cloud-enabled asset control.

Key Activities:

- Assess market-leading platforms (EAM, WMS, IoT, analytics).
- Evaluate integration with ERP and supplier portals
- Perform ROI analysis and risk assessment.

Deliverables:

- Solution evaluation matrix.

- Preferred solution recommendation report.
- ROI and business case document.

3. Transition and Mobilise for Detailed Design

Objective: Prepare governance, technical guardrails, and mobilize resources for design phase.

Key Activities:

- Establish governance team and terms of reference.
- Define cloud security guardrails and compliance standards.
- Mobilize SC-cleared resources and delivery teams.

Deliverables:

- Governance charter and RACI.
- Technical guardrails report.
- Mobilization plan.

4. Execute Detailed Design

Objective: Create the blueprint for processes, technology, and data architecture.

Key Activities:

- Design end-to-end asset lifecycle processes.
- Develop integration blueprint for ERP, WMS, IoT, and supplier portals.
- Define data taxonomy, analytics dashboards, and compliance workflows.

Deliverables:

- Target Operating Model and process maps.
- Solution architecture and integration blueprint.
- Data model and analytics framework.

5. Implement and Enable

Objective: Deploy prioritized digital initiatives and enable operational readiness.

Key Activities:

- Configure platforms and integrate IoT/RFID.
- Migrate data and implement tagging strategy.
- Conduct pilots and readiness assessments.

Deliverables:

- Implementation roadmap and deployment plan.
- Operational readiness assessment.
- Change management and training materials.

6. Continuous Improvement and Innovation

Objective: Optimise performance and scale across other programmes

Key Activities:

- Monitor KPIs and conduct periodic governance reviews.
- Introduce advanced capabilities (digital twins, predictive analytics).

- Scale solutions across nuclear, construction, and renewable projects.

Deliverables:

- Continuous improvement framework.
- Quarterly performance and ROI reports.
- Innovation roadmap for future enhancements.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

5 Service Management

This service can be delivered as a defined project or on a day rate basis.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss.

7 On-boarding and Off-boarding

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Vendor Accreditations/Awards

For the 13th year in a row, Capgemini has been recognised as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgement of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.

ISO 9001 Quality Management for Management Consultancy and IT Implementation and services to the Public Sector

ISO 27001:2013 - Provision (Delivery) of IT services including business applications development, maintenance and Data, Digital and Cloud technologies.

NelsonHall has identified Capgemini as a Leader in its 2022 NEAT Vendor Evaluation for Learning Services due to its ability to meet future client requirements as well as its capability to deliver immediate learning benefits to them.

Capgemini is the first amongst consultancy and technology firms to be recognized six times in a row for its thought leadership reports.

2023 Ecovadis Platinum Rating: We maintained a platinum rating, recognising us as a responsible and sustainable business in the top 1% of companies assessed.

Better Society Awards: Our collaboration with Code Your Future to offer digital skills training won a Better Society Award in 2022. The awards celebrate efforts by commercial organisations to create a better society.

Inclusive Top 50 UK Employers List: We achieved second place in the Inclusive Top 50 UK Employers List 2022/23 – a list that assesses companies for best practice on diversity, equality and inclusion

UK Best Workplaces for Women: We were listed as a Best Workplace for Women by Great Place to Work®. This listing is based on responses from our team to an anonymous survey about their employee experience.

UK Best Workplaces for Wellbeing: We are listed by Great Place to Work® as a Best Workplace for Wellbeing

Great Place to Work: We were certified as a Great Place to Work® in 2023, reflecting our employees' experience of working at Capgemini in the UK.

10 Sub-contractors

Capgemini UK may use the following subcontractors to deliver this service:

- Capgemini Technology Services India Limited.

11 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service.

15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

7. The name of this service.
8. The name of your organisation.
9. Your name and contact details.
10. A brief description of your business situation.
11. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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