



Peacock Engineering

Excellence in Asset and Service Management

We deliver tangible ROI by improving your asset performance.

About Peacock Engineering

Peacock Engineering Ltd delivers a diverse range of Asset and Service Management solutions to asset intensive industries.

Our consulting team is made up of long standing IBM Maximo professionals, who together have amassed over 400 man-years of Maximo systems implementation experience.

Our key solutions are:

- IBM Maximo implementation
- Fingertip mobile solution for Maximo
- Scheduling services for Maximo
- IBM ACE
- Managed Cloud services

For more information please contact us:

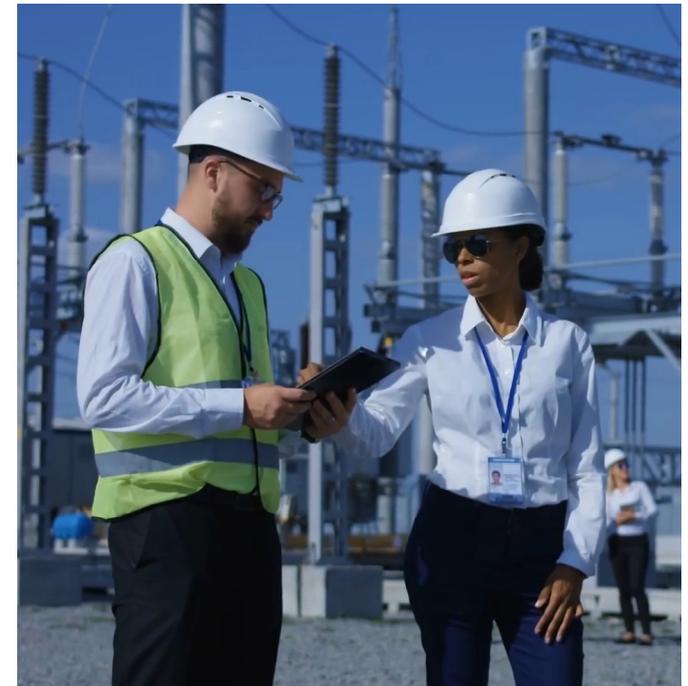
Peacock Engineering Ltd

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Our mission is to deliver tangible return on investment to customers through significantly improving asset performance, and reducing whole-life costs.

At Peacock Engineering, we combine Best of Breed products with highly qualified developers, and unrivalled industry knowledge.

This ensures that every project we undertake exceeds customer expectations.

Our key objective is to improve your business through rigorous solutioning, development and support. Most of our consultants come from an industrial background, and we work hard to understand the exact requirements of your organisation.

This enables us to deliver the right business and technical solution for you, to guarantee tangible business benefits and robust ROI.

What Peacock do differently

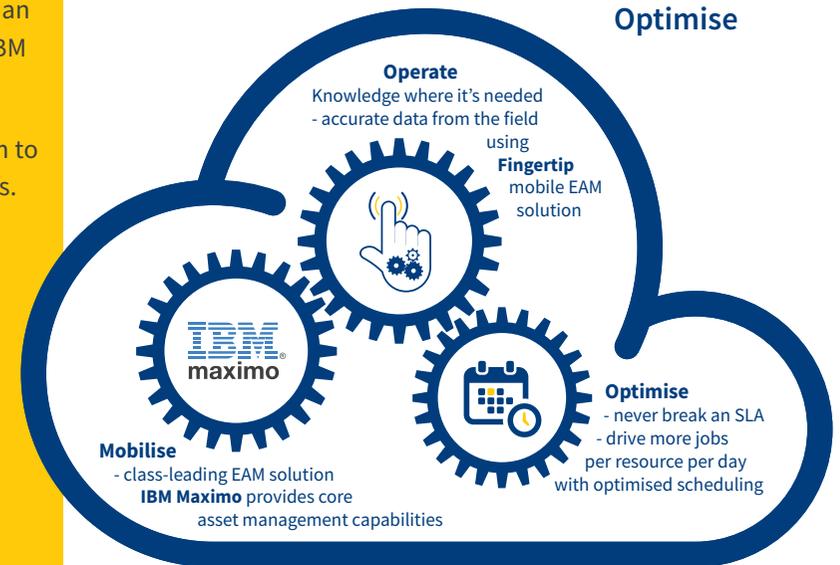
Our consultants have more than 120 IBM Certifications between them, and more than 60 of our consultants are certificated on IBM Maximo.

IBM have even asked us to work with them to develop their Maximo certification courses.

This compares with only a handful of certificated consultants at most of our competitors.

So you can be sure that when you work with Peacock Engineering, you get access to the best Maximo implementation skills available.

The Peacock Engineering Solution Stack - Mobilise, Operate, Optimise



Automate your asset management

We can show you how to leverage automated scheduling, mobile workforce solutions and AI-based predictive maintenance, in order to:

- reduce the TCO of your assets
- improve the rate and quality of production
- gain auditable and robust legal compliance
- integrate your supply chain and inventory
- build a solid platform for continuous improvement

Our consultants are experts in designing systems that streamline your work processes, while never compromising on safety or compliance.

Peacock Engineering's structured, detailed approach will give you the real-time asset data you need to improve your business decision making.



IBM Maximo Specialists

We are IBM Gold Partners, and are recognised globally as one of the top three IBM partners for innovation around Maximo, the leading EAM solution.

We have installed Maximo in a wide range of blue-chip companies, and we are among the world leaders for provisioning Maximo for industrial organisations.

Maximo is rated #1 by Gartner for EAM software*, and can help you to:

- use your assets more effectively
- get real-time data on all your assets
- extend the useful life of capital equipment
- enable predictive maintenance
- maintain regulatory compliance
- improve the return on assets and defer new purchases
- gain maximum user flexibility through cloud delivery



Implementing Maximo for industry

New components in Maximo include condition-based predictive maintenance, and the ability to add remote monitoring to your assets using Internet of Things technology. These innovations result in fewer, but more effective, maintenance calls, which reduces your costs.

We will install IBM Maximo to your exact requirements, and we also ensure that all your validation, regulatory, and SLA needs are met to the highest standards.

Industries that we specialise in include:

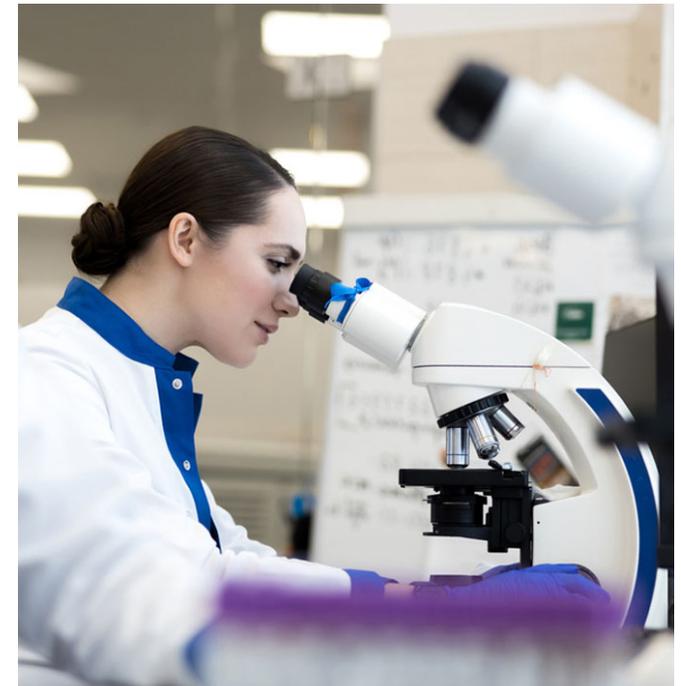
- Energy & Utilities
- Facilities Management
- Life Sciences & Pharma
- Manufacturing
- Oil & Gas
- Travel, Transport & Logistics

What Peacock do differently

Most members of our team have worked in industry previously, which gives them excellent insight into the issues you may be facing. Our team is:

- highly dedicated to enhancing your asset management
- committed to providing value
- focused on making decisions grounded in deep engineering and technical knowledge
- experienced in the complex issues of your industry

Your organisation will benefit from a non-disruptive implementation process that is focused on adding value to your processes. Your daily operations can continue, while we work behind the scenes to take your asset management to the next level.



ISO27001 Certified for your peace of mind

For technology companies providing consultancy, software, hosting and support to clients, it is essential to demonstrate a long-term commitment to information security. **ISO27001 Certification** proves that commitment.

As more services have migrated from in-house servers to third-party, cloud-based systems, it has become even more important that your data is kept secure in all circumstances.

Peacock Engineering's ISO27001 Certification demonstrates that we prioritise keeping your data safe, in everything we do.

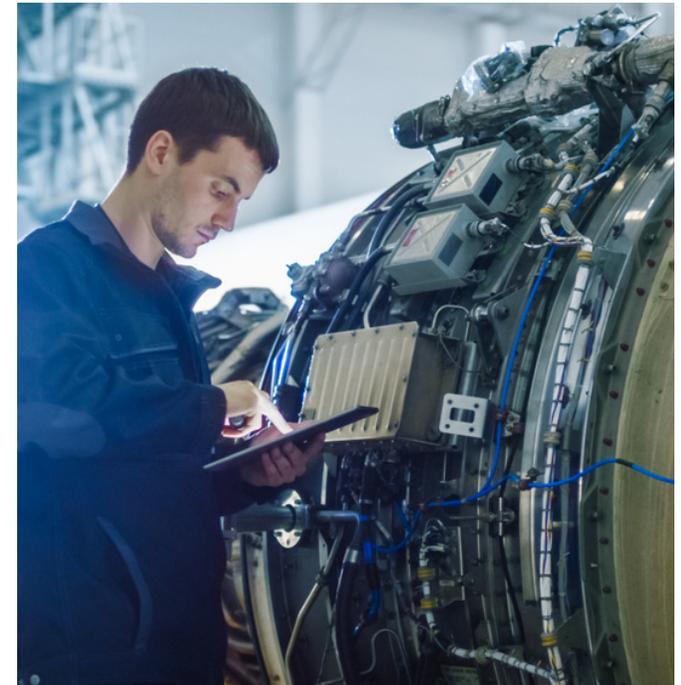
In addition, our programming offices which handle data, and sensitive IP, have visual and physical monitoring systems in place to maintain total security.

What Peacock do differently

We see Information Security Management as a core skill and capability, and we know how critical it is for your business.

We can advise you on the tools and techniques required for secure system design and usage.

Our controls and systems used to manage and monitor all system access, including physical access, contributes to our ISO27001 certification and ensures that our own and our client data and systems are secure, and resilient to attack and compromise.



Development and Validation

Agile development

In highly regulated sectors such as life sciences, validation and the development process are critical aspects of an EAM system, in order to prove its efficacy and resilience.

Your project will be developed using Agile, Waterfall and hybrid methodologies, depending on the best fit. This minimises the time taken to design, develop and test.

From your User Requirements Specification (URS), we work with you to develop the Functional Requirements Specification. We then create the User stories and the Functional and Detail Design Specifications (FDS). This means that:

- you are able to check that the specifications match your expected outcomes much sooner
- time to refine the URS is reduced
- development & delivery activities are supported
- carefully scripted tests for development are produced

Our developers & testers produce carefully scripted tests to support the development, which is used to produce the corresponding IQ (Installation Qualification) and OQ (Operational Qualification) documentation of what has been installed and verified to work correctly. We then:

- rework the code & determine any corrective or preventative action
- document each change we make
- verify that the code functions as designed

Faster route to validation

Once development is complete, all modules are merged and deployed into a test environment for pre-validation system testing. This ensures that the system is fit for validation, and makes it:

- easier to prepare & execute URS, FDS, IQ and OQ
- faster to develop the solution
- most cost-effective for you



What Peacock do differently

GxP validation of Maximo is a specialisation at Peacock Engineering. We have multiple clients benefiting from the resilience and cost savings of GxP validated systems, in both cloud & on-premise environments.

We contribute to and manage the PQ, IQ and OQ processes essential to a GxP system implementation, and the rigour of this has improved many of our standard delivery processes.



IBM ACE & system integration

Many larger organisations have to deal with fragmented IT systems, which may result from mergers, multiple business units, or partial upgrades.

One of the advantages of using IBM Maximo is that it has powerful tools to integrate to diverse systems. However, the requirement to manage information into and out of IBM Maximo, from your various different systems, can be complex.

Hub & Spoke message management

IBM's MQ and ACE 'middleware' systems, based on a 'hub and spoke' model, have become the message and queue management system of choice for many data-intensive industries such as banking and e-commerce.

As messaging is such a core function for many enterprise systems, using IBM's system provides reassurance for operators, developers and implementors.

Peacock Engineering are highly experienced in integrating your existing systems with Maximo, using ACE and MQ to manage the data inputs. ACE already has APIs for most current & legacy enterprise systems, and we can write new APIs if required.



Cloud-agnostic data management

Many larger businesses already have their own cloud arrangements, with providers such as AWS and Azure. Peacock Engineering's expertise in implementing IBM Maximo in a cloud environment, using MQ and ACE for data management, means that we can operate on any pre-existing cloud structure that you may have in place.

In addition, we provide queuing tools specifically for Maximo, to ensure that data goes into Maximo in the correct sequence, and that any data in an incorrect format is stopped before it reaches Maximo, providing an extra layer of security to your Maximo installation.

What Peacock do differently

Our application configuration and development teams in the UK and India provide a depth of knowledge and experience of system implementation and integration for Maximo, mobility and integration bus systems.

Our use of offshore developers makes much of this work particularly cost effective, and the quality management of the systems and processes used to manage development is consistent across the whole Peacock Engineering organisation.



Cloud implementation, management and service

Peacock Engineering have been providing Managed Cloud Services for EAM solutions, for over a decade.

Run Maximo on your own cloud

You may already have cloud providers for other parts of your business, or prefer to make your own cloud arrangements - and we fully recognise that cloud services is a rapidly changing arena, so our service has been changing to meet your needs.

Maximo Application Suite (MAS-8) is fully cloud-enabled, and cloud-agnostic. So whether you are moving to cloud for the first time, or you want to implement Maximo using your existing cloud provider, we have all the expertise you need.

Failover redundancy & disaster recovery

The servers we provide feature high availability options and load balancing, to route traffic to alternative service sources, avoiding any service

disruption. We can also offer clustered server architectures for improved scalability, and disaster recovery mirroring which replicate your system in separate geographical locations, for total reliability.

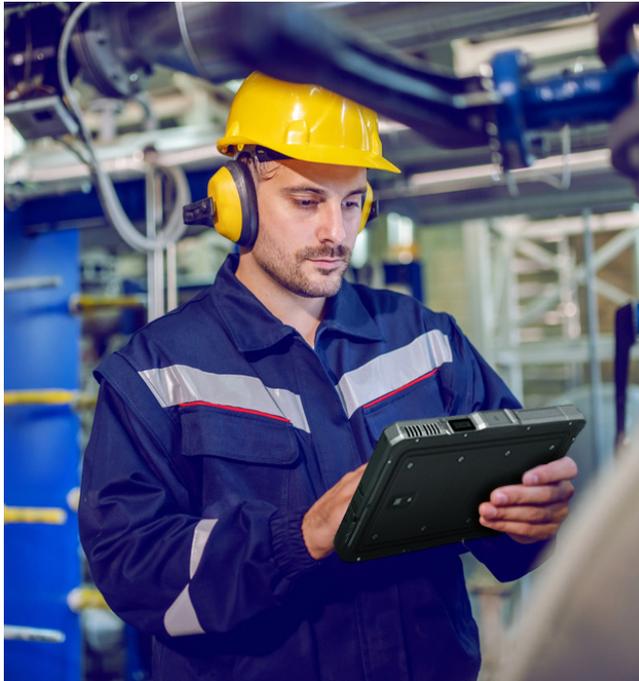
You can benefit from exclusive tools and technologies with our Managed Cloud Service, including:

- Short-Term Environments
- Change, Release & Licence Management
- Configuration Tool

You get full 24/7/365 incident support for all issues which cause any business disturbance. Our Maximo Support Consultants ensure any issues are resolved quickly, and we get right to the source of the problem. We offer different levels of service for organisations from SMEs through to Government and Utilities.



Extend your asset management into the field with Fingertip



Fingertip is Peacock Engineering's mobile solution for IBM Maximo. Designed to keep your whole organisation connected, Fingertip delivers knowledge where it's needed.

Your whole organisation will derive real benefits from using Fingertip - including your office-based asset management team, and your field-based workers.

Enforce your processes in the field

Your field crews can now carry out critical tasks in the field, and follow your safety and work procedures:

- issue work orders
- ensure procedures are followed using Mobile Forms
- capture digital audit trail for all work
- calibrate equipment without returning to base
- make inventory and stock changes during site visits

Real-time data updates to Maximo

Your asset management team benefit from always knowing the exact status of every asset and work order, as Fingertip updates Maximo in real time. They can also see the live status of all your field work crews, so can easily rearrange field work if required.

Whatever the size of your field force, Fingertip can handle it - Fingertip's architecture, built on IBM's MobileFirst framework, ensures that it is a secure, high performing solution, designed to handle large user numbers and data transactions.

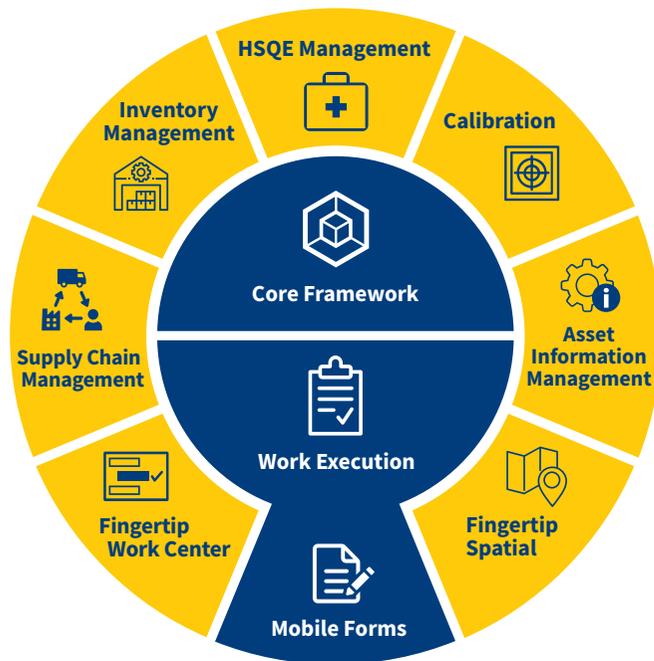
Personalised for your business needs

Your organisation's needs are unique, so Fingertip has a range of modules which provide extra functionality.

You can choose which modules you need to deliver maximum benefits for your organisation. Fingertip's core



Fingertip - individual modules to meet your business needs



functionality includes Work Orders, Work Execution, and Mobile Forms; other modules include:

- Calibration
- Asset Information Management
- Fingertip Spatial
- Fingertip Work Center
- Supply Chain Management
- Inventory Management
- HSQE Management

Fingertip can also work offline, which makes it ideal for use in volatile or hazardous environments, in ATEX devices. Fingertip then updates Maximo as soon as a data connection is restored.

Fingertip is a key part of Peacock Engineering’s mission to make EAM solutions that really transform our clients’ businesses.

What Peacock do differently

We created Fingertip to make the benefits of your Maximo installation available to your workers in the field, while at the same time making huge improvements in the quality and recency of data coming back in to Maximo.

Fingertip’s modular structure means that the same app can be configured to provide very different functions for different staff - making it easier to use and adopt, and providing you with more flexibility.

We’re continuing to improve and extend Fingertip’s capabilities, in response to client demand - so for example you can now view all your asset locations, and add GIS mapping and environmental data, using Fingertip’s Spatial module.



What our clients say



“Guerbet is committed to demonstrating compliance and safety. By using Fingertip as the mobile solution, we will have a robust calibration capability and the ability to effectively manage and report on asset performance.

Brian Doyle, Guerbet

“NIE and Peacock jointly managed a tight programme ...scope was controlled, cost was managed, and the timescale was closely followed. Peacock and NIE can be proud of a clear joint success in delivering a complex project on time and on budget.

Stuart Graham, Programme Manager, NIE

“Peacock Engineering clearly understood our requirements and the team demonstrated from the start, that it had the business and technical skills required to deliver the project. We will look to further develop Maximo so that we can better schedule downtime.

Maintenance Manager, Penn Pharma

“Peacock Engineering has supported us in implementing and developing a solution that has transformed the working practice, capabilities and profitability of our business. It has enabled us to reduce our costs, improve our workforce efficiency, and provide operation visibility that simply wasn't possible before.

Maintenance Engineer, VolkerHighways

“By combining our in-house telemetry skills with Peacock Engineering's expertise in IBM Maximo, we have been able to create a system that genuinely transform the way we handle incidents at our sites. The ability to predict where failures are most likely to occur ultimately leads to fewer outages, less emergency maintenance work, and greater total production across our generation infrastructure.

Neil Douglas, Head of IT, Infinis



What our clients say

“ Peacock Engineering offer excellent technical expertise, they are a good fit with our own organisation. Since the completion we became the first wind farm utility to be PAS55 certified by Lloyds Register.
Maintenance Engineer, ESB

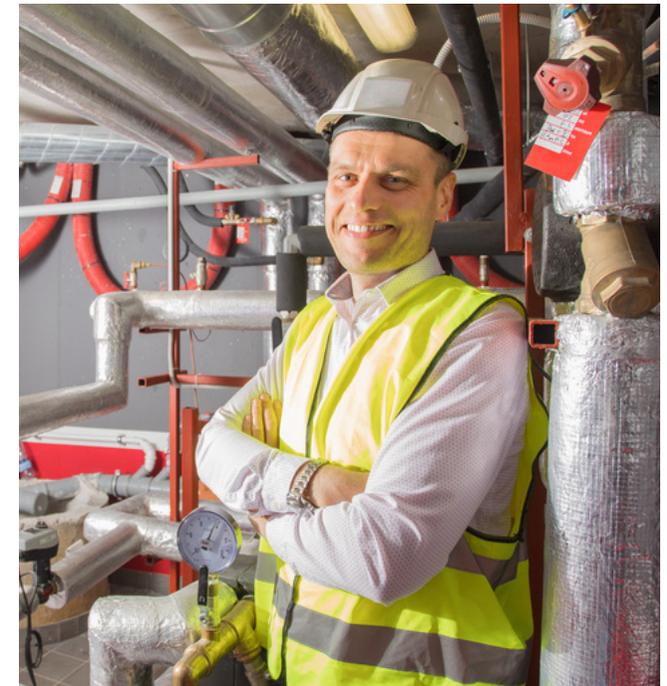
“ This project is a significant contributor to our objective of being one of London’s leading bus providers. By utilising the Maximo system and using Fingertip as our mobile solution, we are empowering our engineers to carry out their checks digitally, eliminating the old paper-based system. It gives the transparency and clarity around compliance that we expect.
Paul Gooderson, Project Sponsor, RATP Dev

“ Our Peacock consultant was very knowledgeable about Maximo and was able to quickly translate our specific business requirements into a working solution.
Business Analyst, Cavendish Nuclear.

“ Eventually, we will have a totally mobile workforce so that all of our work orders will carry a real-time stamp and our data will be accurate and up to date at all times. Our ATEX project has been successful and other companies have shown interest in it. We think Fingertip ATEX is a great solution.
Maintenance Planner, Dragon LNG

“ Peacock Engineering support our whole system, including mobile devices. We have found them to be reliable, responsive and capable, having no system outages or interruption to work during their tenure.
CIO, Major FM Provider

“ We have worked with Peacock Engineering to establish IBM Maximo as our platform for asset inventory, maintenance work, inspections, management of change and permit to work.
Health & Safety Engineering Integrity Manager, Flogas





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