

AMX



ASSET MANAGEMENT EXPERT



PUTTING YOU IN
CONTROL



www.assetmanagementexpert.com

 **AMX**
SOLUTIONS



Scottish
Canals

Leeds
City Council



RHONDDA CYNON TAF
MUNICIPALITY



North
Somerset

MK
Milton Keynes Council

Cyfoeth Naturiol
Cymru
Natural Resources
Wales

TABLE OF CONTENT



01
THE COMPANY

02
WHO WE ARE

03
WHAT WE DO

04
WHY CHOOSE US

05
WHO USES US

06
FEATURES

07
AMX MODULES

08
STREET LIGHTING
& HIGHWAYS

09
RAIL
& STRUCTURES

10
FLOOD & LINEAR

11
MODULE USES

12
AMX MOBILE

13
CASE STUDY

14
CASE STUDY

15
CASE STUDY

16
HOW WE DELIVER

17
JOIN US





THE COMPANY

PUTTING YOU IN
CONTROL



AMX
SOLUTIONS

AMX Solutions Ltd is an established, independent UK-based company specialising in developing enterprise asset management solutions in the infrastructure sector. With an in-house background in engineering, IT, and asset management, we understand the complex challenges faced by asset managers and provide solutions designed to support each aspect of asset management across every level of the business.

Operating across a wide range of market sectors worldwide, the company's focus has always been to provide high-quality, easy-to-use software solutions that empower users to take control of their asset management operations. Working collaboratively with our clients, we strive to provide a foundation for achieving success and delivering a return on investment.



The staff who have been involved in the testing of AMX have found it more user-friendly and intuitive than previous systems, with a user interface that is better and easier to navigate.

Andrew Stevenson, Asset & Programme Manager, Scottish Canals

Scottish Canals





WHO WE ARE

Mission Statement

We endeavour to provide high quality asset management software that precisely meets customer needs. We prioritise product development and responsive support for powerful, flexible, innovative solutions tailored to your operations.



Saeid Naelini
Managing Director



Will Thomas
Product Manager



Karen King
Business Development
Manager



The AMX Team

Having started as a small, tightly-knit operation, AMX has grown significantly into a talented core team whilst retaining that united spirit. We are proud to have a diverse and highly skilled workforce that pulls together to help both AMX and our clients achieve success!





WHAT WE DO

Asset Management eXpert is a market-leading solution for physical and infrastructure asset management. Our high-quality, configurable asset management software supports businesses in achieving financial and operational objectives enabling users to, monitor, maintain, and optimise their assets. With a growing global reputation and combining engineering, IT, and asset management expertise, Asset Management eXpert brings all your inventory inspections, maintenance, and management information together for effortless day-to-day operations.



ASSET MANAGEMENT EXPERT



Configurable

With built in configurable tools, you have the control to customise the system to support your specific organisational requirements.



Collaboration

With our extensive experience across asset management sectors, we can provide insight, advice, and design support to help achieve objectives and enhance the user experience.



Customer-focused

By listening to, and working closely with our clients, the AMX solution continues to evolve with enhanced features and functionality.

SUPPORTING YOUR ORGANISATION AT EVERY LEVEL





WHY CHOOSE US

Our core product, AMX, is used by numerous public and private sector organisations in the delivery of physical asset management projects, providing a means to manage assets effectively and efficiently throughout their lifecycle. It features comprehensive and configurable asset inventory, extensive tools for the management of inspection and maintenance regimes, powerful reporting, and in-built lifecycle planning.

AMX is a powerful, configurable solution that allows customers to evolve their asset management to meet changing requirements or legislation while supporting their organisation at every level, from day-to-day operations to strategic business planning.

AMX has a collaborative approach to working with clients typically using an Agile project management approach to implementation. We work closely with clients to ensure a clear understanding of specific requirements and, through regular reviews, deliver against these to create a best-practice solution.



“AMX is brilliant. It has improved how we work; we are much more efficient. Linking photos to defects on site has saved back-office work. We should have done it years ago!”

**Nicola Bound, Section Leader,
Asset Management,
City of Cardiff Council**



WHO USES US

We offer top-quality asset management solutions adaptable to diverse asset categories and customer needs. Our reach spans various sectors in the UK, Europe, North America, and the Middle East, addressing specific customer requirements. Local Authorities, Consultant Civil Engineers, Civil Contractors, and Government-sponsored bodies have relied on our software for over 20 years, initially in Bridge Asset Management and later expanding to cover departments like Highways, Flood, Drainage, and Street Lighting.

We tackle all our client's challenges, striving to execute asset management plans within tight budgets and limited resources. Our software supports day-to-day operations and streamlines reporting to meet legislative, regulatory, and funding demands. As of July 2018, we're an official G Cloud Framework provider, simplifying software procurement and accelerating implementation for UK government organisations.




“ Compared to other structure management systems, this is flexible and adaptable to what you need; it is by far the market leader, especially in the ability to manipulate things, maps, photos and the bulk edit tool, which are amazing. ”

**Antony Roberts,
Highways, Capital &
Structures Engineer,
Powys County Council**





FEATURES OF AMX

AMX seamlessly integrates with existing systems and supports various IT environments, accessible across Desktop, Web, and Mobile platforms (iOS, Android, Windows). It's user-friendly to implement, with strong encryption for data security. Enjoy quick starts, bulk import, and competitive licensing with discounts for bulk purchases.

Experience comprehensive reporting with customisable visuals, parent-child asset relationships, and chart visualisations for KPI management. Built-in email automation streamlines notifications and alerts. Manage finances effortlessly, set KPIs, generate reports, and customise the design—Personalize AMX with custom branding, tailored data entry, and granular user permission definitions.

Our AMX software platform adapts to changing needs. It offers real-time data access, supporting online and offline working—cloud-based hosting solutions backed by dedicated support and a detailed FAQ portal. Unleash efficiency and take control today!

1

EASY TO ADOPT

2

DATA AT YOUR FINGERTIPS

3

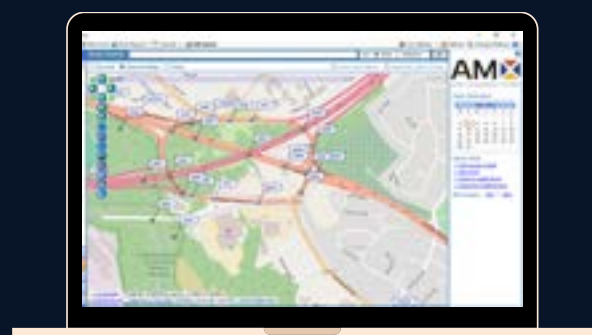
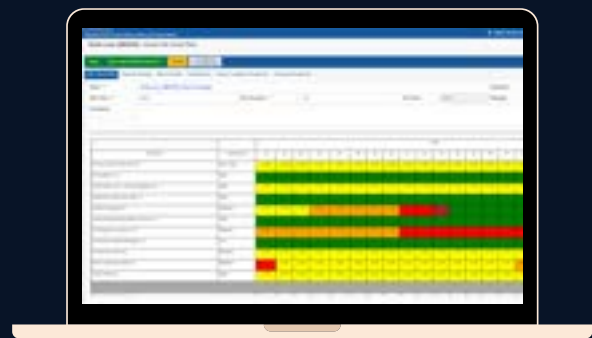
PUTTING YOU IN CONTROL

4

UNIQUE TO YOU

5

FUTURE-PROOF





MODULES OF AMX

Our system is already designed and configured to have all the functionality you will need with a highly user-friendly interface. However, we recognise that all customers are different, and at AMX Solutions, we strive to work with our clients to ensure they get the solution they really need when they need it. While you can constantly tailor the system to meet new or changing requirements, sometimes you need help to make the most of your system.

The AMX team is on hand with our configuration and consultancy service. Whatever you want to be able to do, whether it is a bespoke requirement for unique functionality or a minor tweak for your existing system to make AMX meet local policies and procedures, our team is always happy to help.

Flood



Structures



Rail



Street lighting



Highways



Linear



All AMX modules include comprehensive asset inventory, full inspection and maintenance programming, dynamic and powerful reporting, advanced GIS integration, inventory collection and review and AMX Mobile for onsite operations. On top of these universal features, each module has unique functionality specific to its role.



The best feature of AMX is its flexibility. We can record data and calculate fields how we want, manage our risks, plan our routine works and major projects, make evidence-based bids for maintenance budgets and capital funding, and keep politicians and the public informed. Customisation is easy – you can adapt it to fit your organisation’s needs.



**Paul Salmon, Asset Manager,
Department of Infrastructure,
Isle of Mann.**





MODULES OF AMX

Street Lighting



The AMX Street Lighting Module: With AMX, you will have information at your fingertips with all lighting assets viewable on an interactive map, taking you straight to the full asset record where you can view everything from its construction to its latest electrical safety test result. Create your own dashboards for faults and service failures so you know the status of your assets at a glance, where to prioritise resources and all associated costs. Produce dynamic charts and reports for everything from routine tasks such as Charge code reporting to complex KPI reporting and fault analysis. Simplify bulk lamp changes with the option to create replacements seamlessly. In case of incidents, effortlessly log unit replacements, including capturing all recoverable costs as needed. Illuminate your inspections with the AMX Street Lighting Module.



Highways

The AMX Highways Module: Developed in partnership with our clients, AMX provides all your business-critical functionality, such as job scheduling, works management, safety inspections, UKPMS condition survey tools, NSG management and full DfT Street Manager/EToN integration. Manage every aspect of a job to effectively monitor budgets and forecasts, prioritise maintenance activities and optimise resource allocation. Digital mobile working enables staff to capture real-time data in the field, including GIS and images. Capture and manage associated network assets, including gullies, streetlights and other street furniture, providing asset managers with a centralised platform for planning, monitoring and effectively maintaining their asset stock. Maintain the safety and reliability of your highway network with the AMX Highways Module.



MODULES OF AMX

Rail



The AMX Rail Module: Designed in partnership with our rail clients, the AMX solution can support the management of all rail assets from Plain Line track and S&T assets to fencing and vegetation. Record and view your comprehensive inventory. Manage all inspections, capturing measurements, condition and defect details, including automatic chainage setting, enabling prioritisation of works. Carry out complex tasks such as rail insertion/splitting with a single click, and view all your assets on the inbuilt interactive map for ease of visualisation. Hold details such as linespeed restrictions, Gross tonnage, Route and line sections and chainage for each asset whether it be point, line or polygon. Why not streamline your asset management with the AMX Rail Module.



Structures

The AMX Structure Module: All asset information in one place and at your fingertips with comprehensive inventory, full structure inspections history (General/Principal/Scour etc) supported by mobile inspection proformas to carry out inspections seamlessly on site, capturing defect details including severity/extent and images with automatic calculation of Structure Condition Index scores (Av and Crit) at stock, group and individual structure level. Prioritise and generate multiyear works programme, issue work orders, monitor costs, and update asset conditions as works are completed. Perform lifecycle cost analysis and evaluate the impact of various maintenance strategies on long term stock performance. Attach all relevant drawings and documents for easy access and review, including offline access on mobile devices to enhance inspection quality. Record and manage incidents, Abnormal Load movements, and do much more to ensure you are in complete control your assets.





MODULES OF AMX

Flood

The AMX Flood Module: A powerful yet simple solution to support all elements of managing Flood Risk Management Assets. Alongside the standard inventory, inspection and maintenance management you would expect, this module enables users to control every aspect of incident management, holding location details for a map view of incidents, capturing details of all responses and recording all critical data such as flood impact and details of properties affected. Users can also record and manage consenting applications and Sustainable Drainage Approval Applications; with AMX, you can log all applications and manage them from submission through implementation / build and inspection to final adoption of the new drainage assets. There is so much more to the Flood module, including hot spot inspections, weather event management, PSRA assessments, etc., so why not ask us for more details.



Linear

The AMX Linear Module: Designed for comprehensive asset management, this module effortlessly handles the complexities of linear assets such as canals, waterways and footpaths. Assets can be automatically split into defined length sections for inspection and condition monitoring with the Mobile solution enabling on-site capture of defects, whether on the linear asset itself or a related asset along its path, such as a bin or bench. Users can GIS locate all defects and add images to ensure work teams can accurately locate and respond to issues with the correct resources. Schedule and carry out maintenance activities along your assets in single work orders, adding details of environmental restrictions and access routes.





MODULE USES



Highways

- ✓ Carriageway
- ✓ Footway
- ✓ PROW
- ✓ Car Parks
- ✓ Signs and Bollards
- ✓ Gullies and Drains
- ✓ Street Furniture
- ✓ Barriers and Safety Fencing
- ✓ Kerbs and Verges
- ✓ Tunnels
- ✓ Bridges / Structures
- ✓ Retaining Walls

Structures

- ✓ Bridge
- ✓ Culvert
- ✓ Subway
- ✓ Tunnel
- ✓ Retaining Wall
- ✓ Sign / Gantry
- ✓ Road
- ✓ High Mast
- ✓ Cellar / Vault
- ✓ Underpass
- ✓ Barrier
- ✓ Embankment

Street lighting

- ✓ Light Units (incl LED)
- ✓ Feeder Pillars
- ✓ Illuminated Signs
- ✓ Bollards
- ✓ Cameras
- ✓ Subway and Building Lights
- ✓ Zebra and School Crossings
- ✓ Traffic Signals
- ✓ Any electrical element on a Highway

Flood risk

- ✓ Aids to Navigation (eg. Buoys, Dolphins)
- ✓ Instruments (eg. Telemetry, field devices)
- ✓ Beach Structures (eg. Groynes)
- ✓ Land (eg. Saltmarsh)
- ✓ Buildings (eg. Pumphouses)
- ✓ Major Civils (eg. Piers)
- ✓ Channels (eg. Gullies, culverts)
- ✓ PSRA (eg. Signs, fences)
- ✓ Channel Crossings (eg. Slipways, bridges)
- ✓ Sites (eg. Reservoirs)
- ✓ Defences (eg. Coastal walls, embankments)
- ✓ Structures (eg. Jetties, outfalls)

Linear

- ✓ Canals and Waterways (eg. waterways, footpaths, locks, gates)
- ✓ Roads and Footpaths (eg. ownership, rights of way, materials)
- ✓ Drainage and Pipes (eg. components, access points)
- ✓ Cabling (eg. utilities, safety, pylons)

Rail

- ✓ Railways (eg. tracks, ballast, sleepers)
- ✓ Fencing and Vegetation
- ✓ Level Crossings and Stations
- ✓ Tunnels (eg. buildings, highways)
- ✓ Cabling (eg. utilities, safety, pylons)
- ✓ Electrification and Bridges

AND MANY MORE 

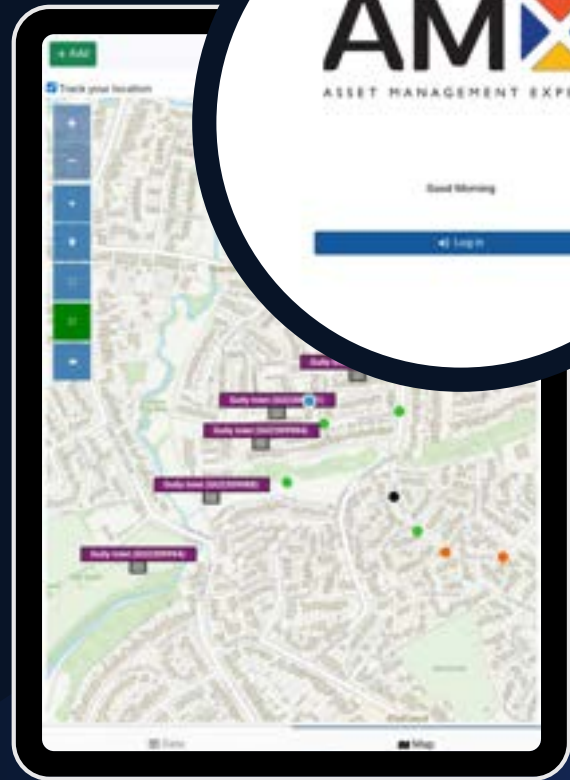




AMX MOBILE

There is increasing pressure on organisations to maintain accurate and timely data about their physical assets, so with AMX Mobile you can work on that data whenever and wherever you need to, ensuring everyone has the latest information at their fingertips.

Working closely with our clients, we have developed our mobile solution so that there are no compromises when working on-site – you will always have access to all the information you need, whether it is mapping and GIS information or asset images and access details, AMX will ensure you have what you need to do the job.



"Allowing our inspectors and engineers real-time access to data in the field gives the business a new communication tool which enables immediate visibility to information and prompts a proactive response."

**Andy Fletcher,
Scottish Canals**

MAKE OPTIMAL USE OF YOUR RESOURCES

View all assets and activities spatially to support optimal route planning and prioritisation of work. Once on site, quickly and efficiently capture all essential details, including images and GPS locations as needed then seamlessly upload to the core AMX for real-time responses from back off teams.

AUTOMATIC, QUICK AND SEAMLESS DATA TRANSFER

Real time access to inspection and works records for online completion. Should connectivity be lost, complete the record you are on and synchronise once you are back online with no data loss. Take jobs offline when working remotely and synchronise as soon as connectivity is available.

CREATE ACCURATE, COMPREHENSIVE RECORDS

Configure your mobile forms to ensure all essential data is captured (required fields and validation supported) and the user experience is simple and efficient. Add images, files and GPS locations to ensure all critical data is available to users.

REACT QUICKLY AND EFFECTIVELY

Respond swiftly to customer calls, inspections, and incidents by directly sending work orders or inspection requests to the relevant staff/team devices, eliminating the need for them to return to the office.





CASE STUDY



Background

A consortium including Walsh Investors LLC, Vinci Concessions, and Bilfinger Project Investments designed, built, financed, and operated the Lewis Clark Bridge (East End Crossing) over the Ohio River under the oversight of the Indiana Finance Authority. This cable-stay bridge, which opened in December 2016, spans seven miles of roadway and encompasses over 900 associated assets.

They collaborated closely with the project team, and AMX was approved to meet the client's needs within eight weeks of the new proposal.

Why choose AMX?

By utilising AMX, the project team efficiently tracks defects, schedules maintenance, and optimises resources. AMX Mobile has notably enhanced day-to-day operations, saving time and costs. The system streamlines data management and reduces the time required for quarterly reports by 88%, supporting better decision-making. AMX has bolstered trust between the client (IFA) and the contractor, providing a clearer picture of operations and boosting confidence in meeting performance-based targets.

How does AMX help?

Some of the key functionalities that were required to support compliance were:

- Full stock and material control, including ordering and assignment
- Winter maintenance programming
- Defect timeliness management to meet stringent response times
- Customer web access for reporting and inspection
- Vehicle management
- Tracking un-availability for lane closures
- Tracking all work hours against assets and actions

“AMX is user friendly, configurable and all in one source. AMX has replaced our previous admin burden and justified our decision to switch systems despite the cost implications. AMX proves to be much better value over the contract period and reinforces our commitment to ensuring the continued success of the project.”

Joe Meyn, Walsh Infrastructure Management (Project Manager) WVB (Operations Manager)

Modules used

Highways Structures





CASE STUDY

Background

The Welsh county of Powys, the largest county in Wales, was looking to find a replacement highway structures management system due to the withdrawal of their existing solution. To help manage thousands of assets that fall within their maintenance responsibility, Powys grasped the opportunity to look at a new system to support their needs.

Why choose AMX?

As part of a rigorous selection process, AMX Solutions presented Asset Management eXpert (AMX) to representatives from Powys. It was clear that, due to its flexible nature, it could be tailored to meet the county's unique requirements, and could be cost-effectively managed using an externally hosted package, saving time and money.

How does AMX help?

Since its implementation, some of the most significant benefits identified have been the:

- Ability to bulk upload and edit
- Easy customisation
- Mobility – enabling inspectors to be more productive while in the field
- Cost savings
- Excellent support



“AMX offers our Authority a powerful and flexible system to manage all our highway asset requirements. This, combined with excellent customer support, puts the product head and shoulders above the competition.”

Antony Roberts, Highways and Structures Officer, Powys County Council

Modules used

Highways



Structures



Flood





CASE STUDY

Background

In 2012, British Waterways split into two organisations: The Canal and River Trust for England and Wales and Scottish Canals for Scotland. Scottish Canals, responsible for 137 miles of waterway, needed to update its asset management software after the split. The goal was to incorporate new principles like ISO 55000, flexible reporting, and advancements in mobile technology to manage their diverse assets effectively.

Why choose AMX?

The AMX team closely collaborated with Scottish Canals to develop a tailored system, including improved user interface and search functions and importing current data. The system aimed to offer complete workflow visibility, from defect identification to repair and documentation. It featured configurable and flexible reporting for comprehensive data analysis across all assets. A mobile application for the Inspections team provided immediate visibility of asset conditions. Described as future-proof, the system included enhanced configuration tools for Scottish Canals to add asset classifications and expand into other business areas.

How does AMX help?

Over the initial two years, by using the configurable AMX solution, Scottish Canals have:

- **Improved condition of assets**
- **Streamlined processes: providing teams with live access to data whilst in the field and dedicated inspection proformas on handheld devices.**
- **Saved money and time: gaining new insights into assets enabling them to identify savings in costs and resources.**
- **Combined information together: plans to expand into other functional areas**

Scottish Canals

“**Allowing our inspectors and engineers real-time access to data in the field gives the business a new communication tool which enables immediate visibility to information and prompts a proactive response.**”

Andy Fletcher, Scottish Canals

Modules used

Linear





HOW WE DELIVER

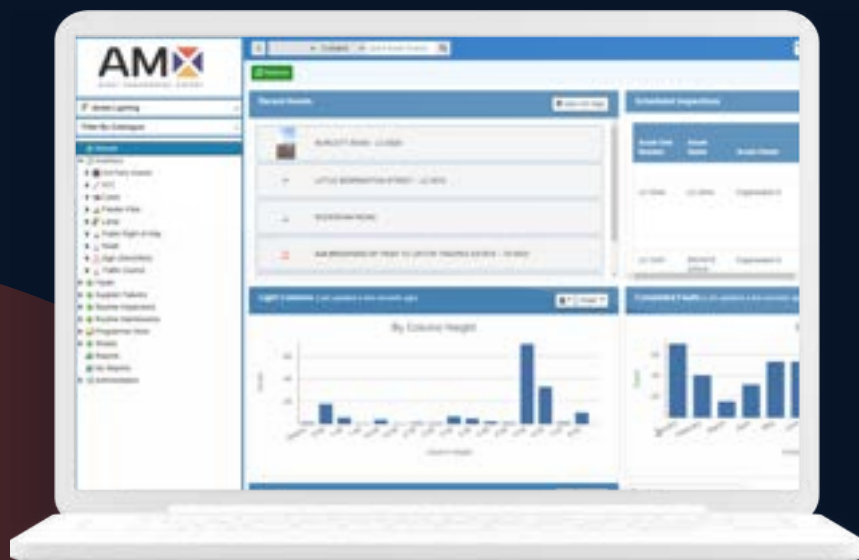
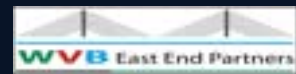
With AMX at the heart of your organisation's asset management operation, you'll have all the information you need to carry out your day-to-day activities precisely as you need whilst still meeting all the performance measurements of a long-term strategic plan. AMX becomes the foundation from which successful asset management begins.

Our market-leading software is designed by engineers specifically for physical and infrastructure asset management programmes of any size, value or importance. Built to accommodate the ever-changing physical environment and associated best practice standards and legislation, its configurable functionality helps you to adapt and scale alongside the programme objectives. With both public and private sector customers from all different industries across the world, AMX brings together all your inspection, maintenance and management information into one easy-to-use web, desktop, and mobile platform that you control.



“Owner-specific requirements have always forced compromises with “one size fits all” applications. The flexibility of AMX to use one standard system while managing a wide range of asset types and presenting different data views and reports specifically tailored to each contract is a significant benefit.”

Randy Morgan
Walsh Infrastructure Management





JOIN US

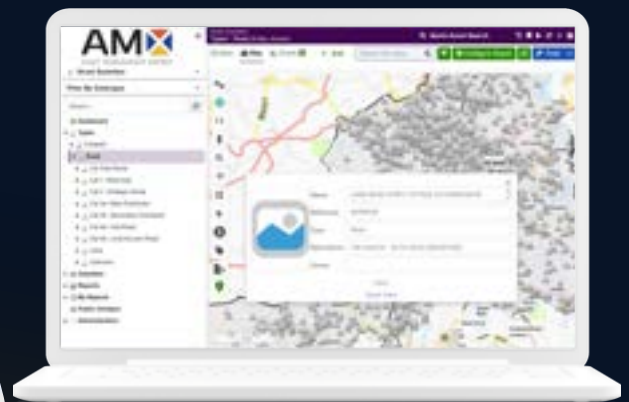
We understand that changing software can cause concern throughout an organisation's culture and team cohesion. Our team is dedicated to ensuring your implementation runs as effortlessly as possible. To do this, your organisation will be assigned a primary account manager and supporting team with experience in software implementation to work through the process with you in line with your distinct implementation strategy, IT specifications, budget allowances and deadlines.

Our goal is to empower our clients to achieve the best results in their roles and for their organisation. With experience across IT, Civil Engineering and Asset Management, our team of experts can help support the configuration and development of the software to fit existing processes and procedures or contribute ideas and best practice knowledge gained from other projects to improve efficiency.

You are the expert for your company, and we are experts in the software to help you deliver against your commitments, responsibilities and targets. We approach new projects with a collaborative attitude, open communication, and clear briefs to reach a positive outcome successfully.



ASSET MANAGEMENT EXPERT



BOOK YOUR LIVE DEMO

If you want to know more about how Asset Management Expert can fit your organisation's needs, Feel free to drop us a line, and we can run through a demo with you online or face-to-face.



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