



POWERFUL | FLEXIBLE | MOBILE

# Intelligent Asset Management

Karen King, AMX Solutions Business Development Manager



- AMX Solutions – who we are
- The Evolution of Asset Management Solutions
- In Practice – how are Local Authorities using Asset Management Software
- Achievable Benefits

- Operating since 2004
- Original Product - Bridge Management Expert
- Operating in UK, Europe, Middle East, North America



- Asset Management Expert
  - Customisable
  - Flexible
  - Mobile
- Expand to different Sectors



Highways



Bridges & Structures



Street Lighting



Flood & Drainage



Linear Assets



Incidents

Asset Management has changed – how has the software changed to support it?

<b>Asset Management</b>	<b>Software</b>
Asset Inventory, Inspections, Maintenance	Static COTS Package vs Bespoke Solution
On-site Working	Mobile Solutions - Windows, iOS and Android
Asset Valuations and reporting—what assets do you have? What are they worth?	Depreciation calculations Reporting tools
Asset Lifecycle Planning	Atkins / HMEP lifecycle planning tools integrated into software

Asset Management has changed – how has the software changed to support it ...

<b>Asset Management</b>	<b>Software</b>
Work Planning	Scenario modelling (budgets / priorities) Visualisation of network (condition/priority)
Efficiency Requirements	Automation of tasks Integration of systems Links to CRM / Customer communications
Changing legislation (Incentive funds / benchmarking etc)	Client customisation → Dynamic solution

# Local authority case studies and outcomes



## What

- 5000 roads and over 100,000 associated assets

## Why

- Tied to old working practices and unable to adapt to new requirements such as Whole of Government Accounts reporting. Mobile working outdated and slow.

## Results

- Increased productivity & swift response
- Informed planning and decision making
- Streamlined working – integrated with Call centre



**“AMX is brilliant. It has improved the way we work, we are much more efficient.”**

Nicola Bound, Highways Safety Inspector, City of Cardiff Council

# Local authority case studies and outcomes



## What

- Managing assets for Herefordshire Council
- 17,000 assets across structures, highways, street lighting, drainage and flood risk

## Why

- Facing 20 bridge and highway closures within 10 years
- Accountability as a third-party contractor

## Results

- Accurate analysis to support funding applications and planning
- Time and Cost savings – with intuitive mobile working and automated processes



**“We have found AMX to be an easy to use and intuitive system that we have been able to develop for one area, but then scale across our service into differing asset areas and services.”**

Richard Perkins,  
Asset Management Team Leader,  
Balfour Beatty Living Places /  
Herefordshire Council



# Local authority case studies and outcomes



## What

- 22 Users
- 2000 Highway Assets along 2472km of highways, 877 structures, 62000 drainage items and 83000 items of street furniture

## Why

- Outdated systems, internal frustrations affecting productivity and poor-decision making from lack of data

## Result

- Increased productivity
- Streamlined daily tasks
- Increased visibility for decisions and improved integration within the council



**“We are continually adapting AMX to suit our requirements and improve our service.”**

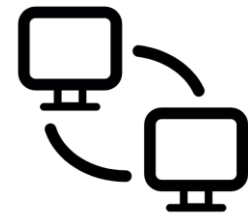
Gavin Pritchard,  
Highway Asset/Network Engineer,  
Pembrokeshire County Council

When looking for your future system...

- Mobile working
  - Time and Cost reductions
  - Improved data quality
  - Increased productivity
- Inbuilt functionality
  - LCP – real data, no extraction, linked to programme planning
  - Asset Valuations – accurate, current data.  
Easily reported upon



- Automation
  - Increased efficiency
  - More responsive
  - Improved customer communications
- Integrated Working
  - Streamline operations
  - Shared knowledge
  - Improved decision making



# Benefits of new Technology



- Dynamic Solution
  - No limits
  - Cost effective
  - Responsive to changing needs
  - Tailored solution



Any questions.....?



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