



Asset Management Planning
Software to optimise your
expenditure and investment



What will help you plan your asset renewals programme?

Do you need asset management software that delivers tangible cost savings?

Do you need to know your investment in your network is best placed to deliver results?

Do you need to know the minimum investment required for the most beneficial outcome?

Do you need help to build your regulatory business plan?

Then you need PIONEER



The benefits of PIONEER

PIONEER is decision-support software which delivers optimal asset management planning. Under continuous development by Servelec Technologies, the software has delivered tangible benefits to clients over many years including:

- Capital cost savings of over 10% due to optimisation of investment
- Improved levels of service to customers and increased customer satisfaction
- Increased funding through improved justification of needs
- Consistent decision-making leading to more effective planning

What does PIONEER do?

PIONEER is highly flexible and user friendly. It produces optimal investment plans for future periods of typically one, five or 30 years and beyond including climate change scenarios. It allows you to decide how and when to refurbish or replace assets at minimum overall cost, across a single asset group or your entire company network. This investment is targeted to maximise benefits per unit cost and deliver increased levels of customer service. PIONEER provides your company with the tools required to effectively manage your assets and to justify with confidence future investment during regulatory price reviews and for budget planning.

PIONEER can be used to determine the minimum investment required to meet chosen levels of service. It can also solve the problem of how best to invest when there is a limit on expenditure as PIONEER will identify a programme of interventions to maximise service performance.

PIONEER can be used for all operational asset types. Examples for the water sector include:

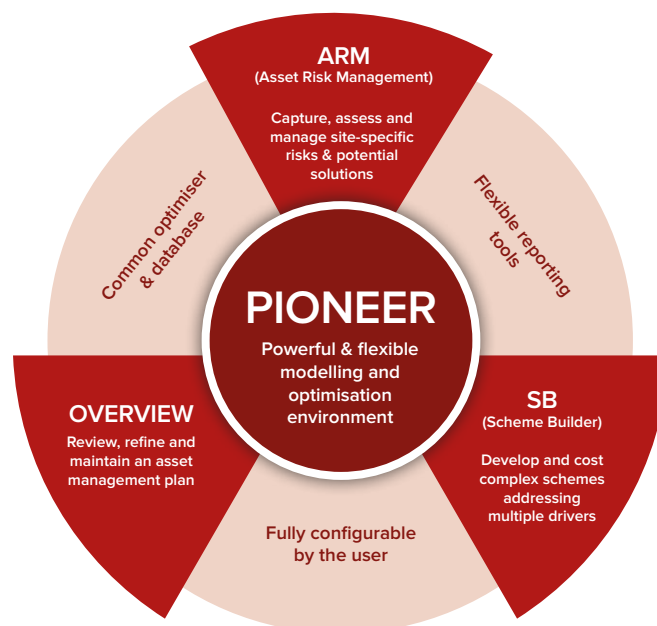
- Water distribution mains
- Trunk mains
- Water pumping stations
- Water treatment works
- Reservoirs
- Boreholes
- Gravity sewers
- Wastewater pumping stations
- Sewerage rising mains
- Wastewater treatment works
- Sludge treatment

Features of PIONEER

In keeping with best practice in asset management and investment planning PIONEER is designed to provide an integrated modelling environment to implement analysis that is:

- Focused on the provision of service to customers and the environment
- Centred on whole life costs and measurable outcomes using TOTEX principles
- Risk-based and forward-looking
- Founded on the principles of ISO 55000 and the UKWIR Framework for Expenditure Decision Making
- Able to identify an optimal set of interventions to meet a chosen strategic planning objective
- Designed to provide better understanding of service risks with and without capital and operational interventions
- Transparent, flexible and suitable for use in any asset-intensive industry
- Regularly updated to meet current and future client needs

Full technical support, user documentation and training are provided.



PIONEER is supported by a full range of consultancy services to help you get the best out of the software:

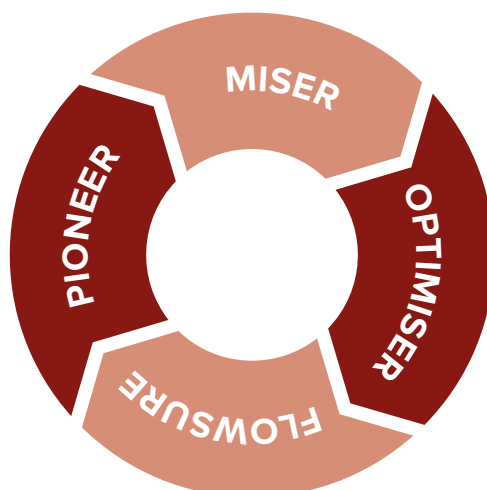
Servelec leads the water industry in the development of optimal approaches to asset management planning. Our team has extensive experience gained from supporting water companies with regulatory price reviews since 1997. We provide modelling and wide ranging analysis services covering all water and wastewater asset types. We have provided PIONEER related services to 30% of UK Water companies during the most recent Price Review. We are also supporting international customers with their own regulatory reviews and routine planning.

We provide:

- Expenditure planning
- Development of deterioration and consequence models
- Strategy advice
- Data review and improvement including asset hierarchy design
- Survey support
- Other associated consultancy to support the use of PIONEER
- Full support services

This is a small snapshot of the capabilities of PIONEER.

For further information on how we can help you please contact us on **+44 (0) 1306 742772** or **pioneer@servelec-technologies.com**



www.servelec-technologies.com

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