



Northgate Flushing Designer is a powerful solution which guides you through the process of flushing sections of your network, to ensure that water quality is not compromised for your customers.

Northgate Flushing Designer

Fresh from the tap every time

Key benefits:

- Reduce time taken to develop flushing sequences
- Identify customers affected so they are pre-notified of planned works
- Calculate water volumes used to reduce unaccounted for water
- Simple to use, requiring little training
- Flexible solution that fits in with your existing flushing process.

Water companies have a duty to minimise the impact of deposits in their mains on their customers. A properly designed flushing programme can help to remove the sediments that build up during normal operations before longer term remedial measures are implemented.

A well designed flushing programme involves minimising the number of valve operations whilst maximising the length of mains flushed, notifying customers and communicating the works to contractors or staff. Northgate Flushing Designer can reduce the time spent on the design stages by 80%, increasing your efficiency and cutting costs.

Northgate Flushing Designer is intelligent software that understands your network connectivity and calculates the path that water will take through the network when valves and hydrants are operated. Once the area to be flushed has been selected, Northgate Flushing

Designer identifies the shortest path from the water input point to each hydrant. You can then review and refine the proposed design to account for local conditions.

Information on the length of pipe flushed, volume of water required and duration of flush are automatically supplied and any parts of the network that have not been flushed are highlighted.

With built in reporting facilities, a comprehensive flushing sequence report can be produced for field operators, along with detailed plots of each valve/hydrant to be operated. If required, a list of properties connected to pipes included in the sequence can be generated.

Northgate Flushing Designer has been developed in consultation with experienced flushing sequence designers to ensure that each step in the flushing sequence is refined.

“Let’s make change work”

Technical Features

- Powered by StruMap
- Uses network data from your corporate GIS
- Can work standalone – you do not need to be an existing StruMap user
- Configurable to match existing business processes.

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Let's talk

With Northgate you get cost-effective innovation from local authority experts. We help you increase efficiency and give citizens excellent service. Let's meet and discuss it.

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About Northgate Public Services

Teamwork, transformation, results. These three words summarise what you get from Northgate. Most of all, results.

Northgate is a public sector and utilities specialist that operates within strategic client partnerships to make change work for you. We help you transform your business processes, streamline the customer experience and reduce overhead.

Northgate clients achieve lower costs, less paperwork, better performance and more joined-up working. Northgate partners 80% of UK local authorities and every UK police force.

Our technology processes over £12bn of revenues and benefits, drives the electoral administration systems for 18 million people, manages over three million local authority and housing association properties worldwide, and supports the national system for reporting police performance. The company was founded in 1969 and employs over 6,000 people.

www.northgate-is.com/publicservices

"Let's make change work"