



# STREAMLINE YOUR WORKFLOW

In this e-book you will learn how water professionals use OpenFlows™ SewerGEMS® to solve everyday challenges and to effectively and efficiently plan, design, and operate their hydraulic networks.





# WASTEWATER ENGINEER

## The Challenges

- Ineffective calculation methods require manual input, creating potential errors in your designs.
- Using multiple software programs means unconnected data and disruption to the workflow, which affects your productivity.
- Potential flooding poses risks to residents, damages property and infrastructure, and disrupts urban services.
- Creating easy-to-understand reports for design review takes time from your already tight schedule.

## The Solution

OpenFlows SewerGEMS enables you to meet deadlines with optimized designs by providing:

- Direct integration with other products to improve workflow and save time.
- Hydraulic simulations with user-friendly tools that connect 1D network elements with 2D surfaces.
- Calculation and analysis tools that support standard requirements.
- Customizable reporting that allows management to quickly review designs.







# WASTEWATER PROJECT MANAGER

## The Challenges

- Using outdated or disconnected systems is time-intensive and leads to errors. As a result, you risk delivering lower quality work and missing important project deadlines.
- Reporting issues and addressing numerous problems lead to low productivity and time-consuming reviews.
- Missed deadlines and poor-quality designs mean loss of profit, a tarnished reputation, and unhappy employees.

## The Solution

OpenFlows SewerGEMS provides a streamlined workflow, automates menial tasks, interoperates across tools, and includes customized reporting capabilities so you can:

- Quickly review designs to ensure they align with standards and meet project requirements.
- Meet project deadlines and present designs you and your client trust.
- Save time and take on more projects, resulting in increased profits.
- Win new projects by building an impeccable reputation and producing trustworthy designs.





# WATERSHED MANAGER

## The Challenges

- Running complex models that have a significant learning curve.
- Avoiding major system problems and potential catastrophic events.
- Data management for pre-processing and post processing.

## The Solution

OpenFlows SewerGEMS empowers you to make reliable decisions based on accurate hydraulic simulations.

- With superior interoperability, SewerGEMS helps you get results that can be visualized on multiple platforms.
- You can model the effect that low impact development controls have on retaining runoff before it enters the sewer system.
- The application easily connects with virtually any digital data format, helping you synchronize database connections, geospatial links, and advanced model-building modules.







## HYDRAULIC AND HYDROLOGIC CONSULTANTS

### The Challenges

- Changing complex models and processes can cause delays and risk.
- Keeping workflows efficient and accurate.
- Meeting project deadlines and requirements while lacking resources.

### The Solution

OpenFlows SewerGEMS eliminates the need for multiple modeling solutions and provides the ability to focus on more projects.

- You can evaluate design, operations, sanitary loading, and network topology strategies for better decision-making.
- The application allows you to assess systems, facilitating leak detection and rehabilitation.
- Easily create what-if scenarios to gain a better understanding of wastewater systems, helping you make smarter decisions and improve your response times.





# WASTEWATER ENGINEER

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## The Solution

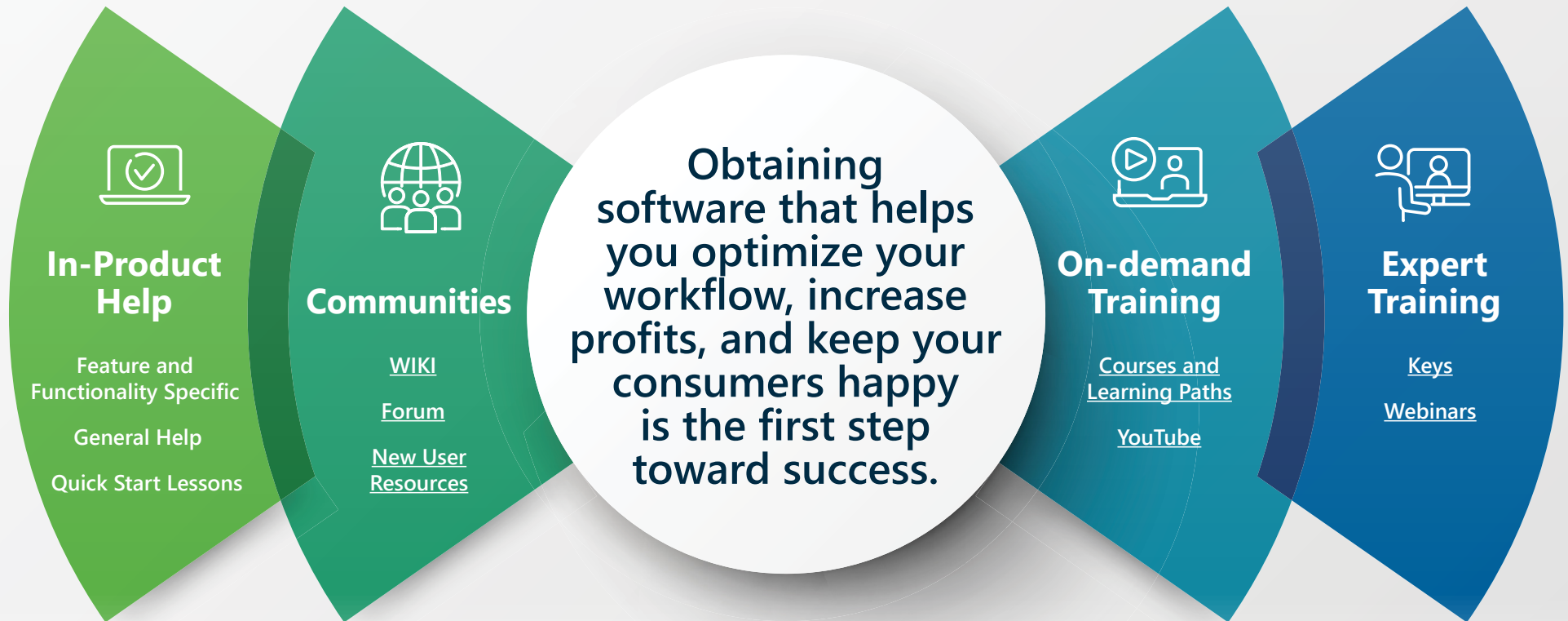
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# WORKING TOGETHER FOR SUCCESS



We understand that committing to learning a new software program is a difficult decision that may have kept you from upgrading from a less efficient solution. That is why we offer an array of resources that allows you and your teams to customize individual learning paths that support busy schedules and personalized learning styles.



# OPTIMIZE HOW YOU PLAN, DESIGN, AND OPERATE

A complete portfolio of integrated software and resources for water, wastewater and stormwater systems.



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