



Monitor and Prevent Inflow, Infiltration, and Overflows

Digi Connect® Sensor XRT-M smart solutions for sewer system management.

Excessive inflow and infiltration (I & I) in sewer systems, coupled with the risk of overflows, poses significant challenges for municipalities and utilities. The cost of these issues can be staggering — including increased treatment expenses, fines for regulatory violations, and millions spent on emergency repairs and upgrades. [Digi Connect Sensor XRT-M](#) provides a cost-effective, reliable solution to monitor manhole levels, track I & I trends, and mitigate overflow risks — helping to save money while protecting infrastructure.

The True Cost of I & I and Overflows



Increased Treatment Costs

Treating excess clean water from I & I wastes energy and chemicals, often increasing costs by an additional **\$500,000 to \$1 million annually**.



Environmental Fines and Cleanup Costs

Overflows that release untreated sewage into water bodies can result in penalties ranging from **\$10,000 to \$100,000 per incident**. Add to this the cost of environmental remediation, which can exceed **\$1 million** for significant spills.



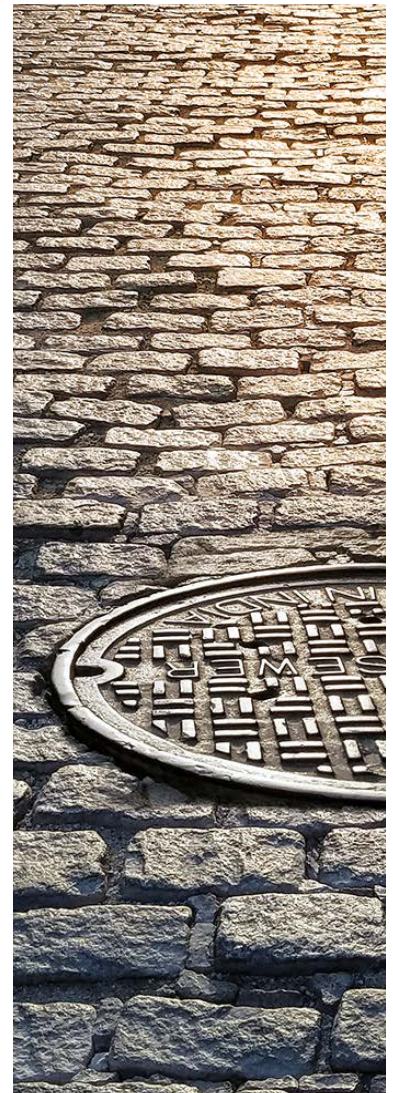
Emergency Repairs and Infrastructure Damage

Sewer overflows stress pipes and systems, leading to costly emergency repairs. Infrastructure failure caused by unchecked I & I can cost municipalities **\$50,000 to \$200,000 per site**.



Lost Economic Opportunity

Severe overflows disrupt community operations, reduce property values, and deter investments, adding indirect costs to the municipality's economy.



For more information, visit:

www.digi.com

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5 Ways Digi Connect Sensor XRT-M Saves Money

1 Reduce Treatment Costs

By monitoring manhole levels and detecting sources of I & I, municipalities can target problem areas for repairs, significantly reducing unnecessary treatment of clean water.

Over time, this can save tens of thousands, or even hundreds of thousands of dollars annually.

2 Prevention of Costly Overflows

Digi Connect Sensor XRT-M, placed in key areas, helps identify trends in rising water levels before they lead to overflows. This proactive approach minimizes environmental fines, cleanup costs, and public health risks.

3 Extend Infrastructure Lifespan

Accurate monitoring allows for targeted maintenance, reducing wear and tear on sewer infrastructure. This avoids costly emergency repairs and extends the life of critical assets.

4 Lower Inspection Costs

Manual inspections of manholes and sewer lines are labor-intensive and expensive. Digi Connect Sensor XRT-M provides consistent monitoring at a fraction of the cost, freeing up resources for other priorities.

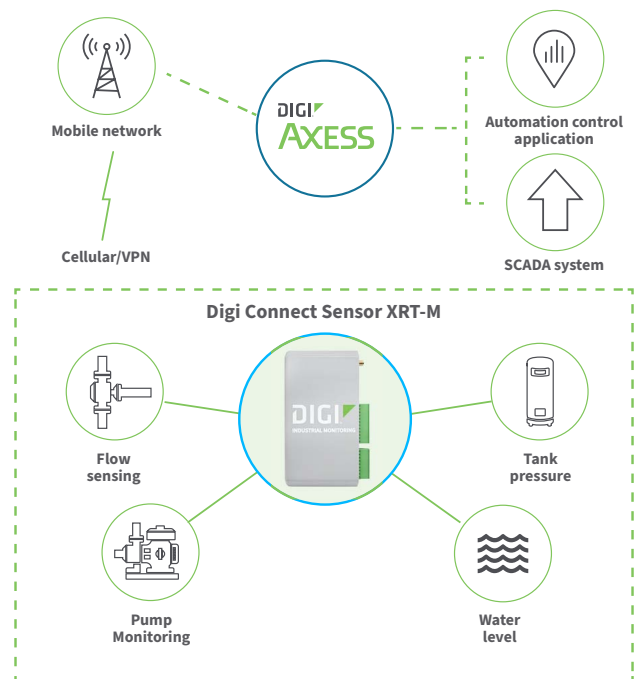
5 Scalable, Cost-Effective Deployment

Digi Connect Sensor XRT-M's flexibility allows municipalities to start small and scale as needed. Whether monitoring a handful of manholes or an entire city's system, the Digi Connect Sensor XRT-M offers a cost-effective solution tailored to your budget.



Monitor, analyze and control with Digi Axxess

Application example



Contact us today to transform your sewer system management! →

"Digi makes it simple. From the time we implement a Digi Connect Sensor XRT-M, we're receiving updates from the field within 15 minutes. I can make changes from anywhere and push them out for automatic updates in the field."

— Stephen Orton, Superintendent II, Facilities Maintenance, Augusta Utilities

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