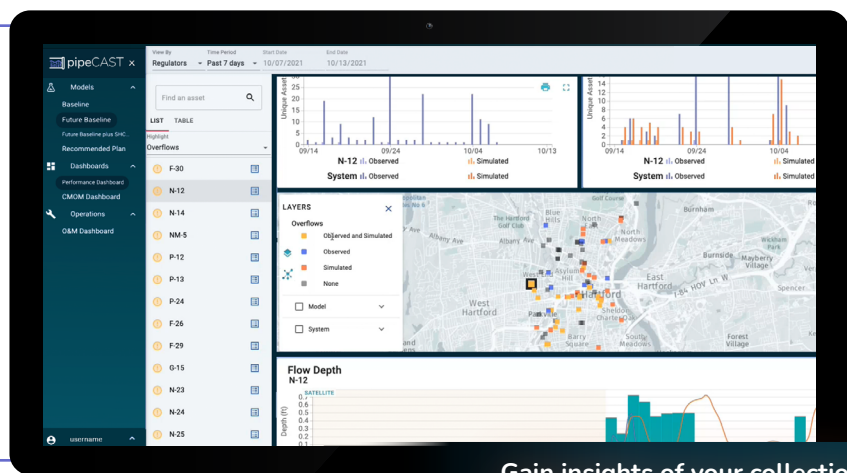# pipeCAST ™

Capture. Assess. Simulate. Take Action.

What is pipeCAST™?

pipeCAST is a digital twin platform that helps utilities gain insight into the performance of their collection systems to proactively prepare and respond to the next extreme weather event. Built upon decades of experience supporting water systems, pipeCAST combines domain expertise with cutting-edge technology to boost your operational performance.

Product Features:

- Real-time monitoring & smart alerts
- Performance prediction with simulated events
- Web & mobile applications
- Purpose-built dashboards & system performance

Gain insights of your collection system performance with a single system that unifies existing data and augments it with digital twin technology.

How does it work?

pipeCAST uses digital twin technology to find discrepancies between predicted activity and observed behavior, helping to identify issues like overflows, blockages, and back-ups before they become problems.

Users receive discrepancy or anomaly alerts through pipeCAST's automated messaging system and purpose-built dashboards, which allow them to direct operations and maintenance resources to the assets in need. pipeCAST integrates with clients' existing data and processes (traditionally disparate and siloed systems) to consolidate, simplify, and streamline utility operations:

- Internet of things (IoT)
- Flow Monitors, rain gauges, and Internet of Things (IoT) Sensors
- Supervisory Control and Data Acquisition (SCADA) data
- Geographic Information System (GIS) information
- Hydraulic models
- Computerized maintenance management system (CMMS)

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Trust in what's next.

Why pipeCAST?

Utilities routinely conduct system monitoring activities; however, sometimes it's too costly or time-consuming to proactively inspect and monitor thousands of miles of buried infrastructure. Data also lives in separate systems, leaving utility staff to consult a variety of siloed systems to piece together enough information to assess relevant system performance. These monitoring activities and data sets are critical to system performance and to manage overflows effectively.

With pipeCAST, utilities have a single solution that can meet the collective needs of engineering, operations, and maintenance staff, while transforming data silos into integrated and actionable intelligence. Improve collaboration through a shared performance of system performance and capture institutional knowledge to future-proof your teams.

Track every data point with pipeCAST.

Schedule a demo today at trinnex.io.

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