STRATUM
CONSULTING PARTNERS

South Platte Renew

Making the move from a limited work order management system to a robust, mature asset management program

Owned by Cities of Littleton and Englewood, Colorado
Modern, highly automated wastewater renewal facility.
3rd largest water renewal facility in Colorado.
Nearly **24** million gallons of wastewater cleaned per day.

SOUTH PLATTE
RENEW
OWNED BY LITTLETON/ENGLEWOOD

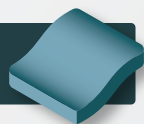**+**

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HEXAGON

BACKSTORY
In 2007, South Platte Renew (SPR) determined that they needed a comprehensive EAM solution, as their existing system was limited to work order management and lacked the consistency and automation that a modern EAM system provides. They also lacked visibility into critical data to drive key decisions, such as hiring, budgeting, and asset procurement versus repair.

GOALS
SPR's new EAM system and larger asset management goals were to:

- Interface with existing SCADA systems
- Expand visibility into critical data
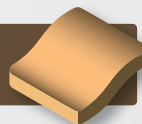- Enable advanced analysis to support condition assessment and capital planning initiatives
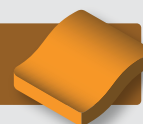
SOLUTION

People

Collaborative team: Stratum worked closely with SPR's engineering, operations, and maintenance divisions, building a cohesive alignment on processes, data, and performance metrics. This coordinated effort allowed SPR to gain insight on condition assessment data, enabling a thorough understanding of projected capital needs.

Process

Best practices: Stratum assisted SPR in embedding industry-accepted maintenance best practices into their EAM program. These organizationally accepted workflows provided the framework for growth of SPR's asset management program.

Technology

HxGN EAM as the tech solution: SPR chose HxGN EAM as their asset management software solution due to its robust out-of-the-box functionality and scalable configurations. HxGN EAM, an acknowledged leader for Enterprise Asset Management software, was the right choice for supporting SPR's integration requirements and capital planning initiatives.
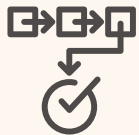
RESULTS

Stratum's implementation allowed SPR to meet and move beyond their desired EAM and asset management program goals, including:

SCADA system interface

SPR was at the forefront of a successful IoT initiative by interfacing their SCADA system with HxGN EAM. This integration allowed EAM to automatically create repair and inspection work orders based on equipment degradation or equipment performing outside of normal specifications.

Advanced analysis

HxGN EAM allowed SPR to utilize asset tracking and condition assessment data to create accurate capital planning budgets. Armed with specific data related to labor requirements, part disposition, and equipment end of life forecasts, SPR was able to provide justification to budget numbers based on insightful data.

Expanded visibility into critical data

SPR improved their master data by utilizing SCADA data definitions and through implementing naming conventions based on current industry standards. These activities enabled SPR to initiate continuous improvement activities via various business intelligence metrics.

Want to learn more about how Stratum can help your organization meet your asset management goals? Let's talk!

Stratum maximizes your HxGN EAM investment by leveraging the essentials of people, process, and technology.

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