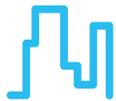


City of Henderson

Part of SmartStruxure™ solution, Building Analytics provides automated fault detection and diagnostics for forecasted energy and cost savings



CUSTOMER BENEFITS

- Prioritized maintenance recommendations & reports
- Lower HVAC operating costs
- Maintain occupant comfort

PROJECT AT A GLANCE

Location

Henderson, Nevada, US

Facility

13 municipal buildings
903,000 ft² (83,891 m²)

Monitored Systems

Building Management System

Cumulative Net Savings

\$364,000 (€264,000) estimated over
10 years

Software/Service

Building Analytics

Installation

2013



Overview

The US City of Henderson, Nevada, is nestled among three of the most renowned manmade attractions – the neon of Las Vegas, the engineering marvel of Hoover Dam, and the tranquil beauty of Lake Mead. One of the younger cities in the Southwest, Henderson's infrastructure has grown efficiently over the past 20 years due to the efforts of private citizens and city leaders working together to build a community that is conducive to business, the entrepreneurial spirit, and a high quality of life for its over quarter-million residents.

The Challenge

Placing a high priority on energy efficiency, the City of Henderson has worked with Schneider Electric for over 15 years. Schneider Electric's Las Vegas branch counseled this customer to upgrade their existing building management system to SmartStruxure™ solution at all 13 municipal buildings covering 903,000 ft² (83,891 m²). The customer was excited about deploying the latest technology, enhanced with the addition of Schneider Electric's Building Analytics remote life cycle service.

The Solution

Building Analytics combines cloud-based data storage with powerful analytics to identify and prioritize repair recommendations based on cost, comfort, energy and maintenance. It improves the energy, comfort, and

Make the most of your energySM



[Services for Buildings] Building Analytics

financial well-being of buildings especially when coupled with SmartStruxure solution. A Building Analytics software demonstration showed the City not only a targeted maintenance solution for all of its HVAC equipment (subsequently lowering yearly operating costs), but also an anticipated positive return on investment.

Building Analytics also addresses other customer needs through its tailored solution features, including:

- Data analytics recorded at five-minute intervals
- Prioritized maintenance recommendations and detailed reports
- Supervision by Schneider Electric technicians and engineers
- Plus, an annual budget for fixing faults identified by Building Analytics

The Bottom Line

The City of Henderson has made a 10-year commitment to Building Analytics, which will monitor 1,200+ pieces of equipment, including 12,000+ data points, for performance and fault detection. Estimated cumulative net savings over 10 years based on making the identified recommended repairs is expected to exceed \$364,000 (€264,000).

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