j5 replaces manual processes leading to improved accuracy and increased productivity

Key Facts:

Company: Salt River Project

Website: srpnet.com/about/about-srp

Industry: Power transmission and distribution

Products Used: j5 Operations Management Solutions

Key Benefits:

- Implemented a digital solution that improved communication, leading to better productivity

- Moved from multiple applications to a single source of truth

- Eliminated manual processes to save time and improve accuracy

- Personnel adapted easily to j5 Operations Solutions platform

Salt River Project was founded in 1903 and has been shaping the concept of a public power utility in the United States ever since. It has gone on to become the third-largest public power utility in the U.S. and one of Arizona's largest water suppliers. The company uses renewable energy sources as part of its portfolio for power production including hydro, wind, geothermal and solar energy sources.

The problem

Salt River Project was using an old generic notes application, which was configured to monitor process alarms and used for the standard logging of events. It decided that this technology was not fit for purpose in its modern environment and was concerned about the need for more support from the vendor.

Maintenance issues could also not be monitored using the limited functionality of this software. Manual processes were unnecessarily difficult, and there was less accuracy of alarms, which lowered situational awareness.

A formal RFP process — after defining requirements from the business units — was conducted, and j5 Operations Management Solutions was chosen to replace its antiquated technology.

How j5 Operations Management Solutions solved the problem

Salt River Project implemented various j5 applications to satisfy its requirements, including the j5 Operations Logbook, j5 Shift Handover, j5 Standing Orders and j5 Event Manager. It also deployed j5 IndustraForm® Templates and the j5 Connector for multiple external applications.

The **j5 Operations Logbook** enables the clear recording and managing of manual and automated events across shifts. These events are visible consistently and efficiently on a web browser, which was not possible using the previous outdated software at Salt River Project.

j5 Shift Handover allows operators, supervisors and managers to thoroughly review relevant data, events and alarms at shift turnover. This ensures a consistent, visible and accountable process.

j5 Standing Orders enable the controlled dissemination and acknowledgment of critical communications across the Salt River Project operations team.

j5 Event Manager ensures that the real-time events retrieved using the j5 Connector for external systems are properly recorded and that the correct human workflows are implemented.

j5 IndustraForm Templates allow consistent layouts, fields, categorization, hierarchies, reports and clean data. This enables users to easily search for and understand important information, improving day-to-day performance and safety. Personnel use j5 IndustraForm Templates to record and view a range of manual and automated data and follow a strict approval workflow related to each shift handover process.

The **j5 Connector** retrieves equipment and functional location data in order to populate the j5 asset register, improving communication between the operations and maintenance teams.

Benefits of j5 Operations Management Solutions

Salt River Project has implemented a leading-edge digital solution that can be extended easily and is fully supported. This has improved the flow of communication and information, resulting in better productivity.

Using the proven j5 Operations Management Solutions platform rather than multiple disconnected and in-house-developed applications allows internal resources to be utilized elsewhere. Manual processes have now been digitized and reduced, and the auto feed of specific alarms is saving time at the end of shifts and improving accuracy.

Personnel have adapted to j5 Operations Management Solutions easily, which is important, as the solution aims to improve the day-to-day human processes.

> Without j5 Operations Management Solutions, there would be more manual processes and, as a result, less accuracy and situational awareness of recorded events and important alarms. Our business users like the solution, and it has helped them achieve greater productivity."

Maureen Kempton
Manager of Business Systems Applications
Salt River Project

About Hexagon

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Hexagon's Asset Lifecycle Intelligence division helps clients design, construct, and operate more profitable, safe, and sustainable industrial facilities. We empower customers to unlock data, accelerate industrial project modernization and digital maturity, increase productivity, and move the sustainability needle.

Our technologies help produce actionable insights that enable better decision-making and intelligence across the asset lifecycle of industrial projects, leading to improvements in safety, quality, efficiency, and productivity, which contribute to Economic and Environmental Sustainability.

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