

Case study

Arizona Public Service



There are hundreds of requirements spread across hundreds of documents. If one changes, can you analyze the impact? Can you track down precisely where a specific requirement has been implemented? APS has found a way.

Profile

Arizona Public Service (APS), generates, sells and delivers electricity and energy-related products and services. APS serves more than a million customers in 11 of Arizona's 15 counties, and is the operator and co-owner of the Palo Verde Nuclear Generating Station (PVNGS) – a primary source of electricity for the Southwest.

APS is an affiliate company of Pinnacle West who for more than 119 years have provided energy and energy-related products to people and businesses throughout Arizona.

Further info

www.aps.com

Challenge

The Palo Verde Nuclear Generating Station is subject to a vast number of federal, state and business requirements. These must be tracked and implemented into site Programs and, ultimately, operating documentation. Palo Verde needed a more efficient, open method to keep the requirements and documentation in sync.

Solution

Using Casewise Corporate Modeler, APS transformed text-based Program documentation to graphical representations of the relationships between requirements, site Programs, high-level Process Procedures and Implementing Procedures. Additionally, the power of Associations was utilized to create another level of relationships between individual requirements and Palo Verde Implementing Procedures.

Corporate Publisher worked its magic to create a set of web pages for easy navigation from high-level requirements to Implementing Procedures, regardless of where in the chain you start.

The addition of search functionality makes the published output a powerful information repository. Searches on a simple requirement name or number will instantly allow the user to find all associated documentation.

Results

A simple-to-use interface to track precisely where requirements are implemented at PVNGS can be made available to anyone, including procedure authors, Program Managers and Auditors.

Why Casewise?

Combining the flexibility of Casewise modelling tools with a simple search tool has created an application that is much more than the sum of its parts – synergy accomplished.