



Optimized for the Enterprise

Bechtel and the Department of Energy's Nevada Test Site: Cross-Platform Support for Distributed User Community



A unique national resource, the Nevada Test Site (NTS) is a massive outdoor laboratory and national experimental center that has seen more than four decades of nuclear weapons testing. Bechtel Nevada performs management and operational activities at the NTS and offsite locations. Bechtel's functions include scanning, indexing, archiving, and disseminating test result documentation and facility engineering drawings. Such critical tasks demand a leading-edge document management and workflow solution. Optix was the obvious first choice.

Optix: Opportunity

Bechtel Nevada implemented Optix to address the following core needs:

- Cross-platform support for Macintosh and Windows PCs required
- Various media types and document sizes – including older test documentation on microfilm and microfiche, large format facility drawings, aperture cards, and modern electronic and paper documents
- Diverse, geographically-dispersed user community

Optix: Options

Bechtel Nevada's Optix implementation included:

- Optix Server running on Sun Enterprise 450 running Solaris with the Oracle RDBMS
- Optix Web to support remote user access to critical materials
- Scan Software for Fujitsu scanner
- Comprehensive, hands-on user training

Optix: Optimized

Bechtel Nevada achieved the following post-implementation results:

- Indexing of over 850,000 critical documents – including over 40,000 engineering drawings on aperture cards, 50,000 large format facility drawings, and 750,000 paper documents
- Ability to quickly design and deploy repositories for large range of incoming documents – with no programming required
- Support for 250+ member user community across multiple locations

"Optix's unique support of Fujitsu and other scanners on the Macintosh enhances our ability to input documents from a variety of media and make them available to cross-platform and web users here in Nevada, and remotely at research labs, such as Lawrence Livermore, Sandia, and Los Alamos."

Randy Wood
Systems Administrator