

# Matheson Courthouse

*Salt Lake City, Utah*

## **Continuous Commissioning® Success**

In 2002, the Energy Systems Laboratory began a Continuous Commissioning® project on the 420,000 ft<sup>2</sup> Matheson Courthouse in Salt Lake City, Utah. This State Courthouse was built in 1997 to house the Utah State Supreme Court. Although it wasn't obvious, ESL uncovered a significant performance and efficiency improvement opportunity requiring a minimal investment to reach success:

- A 1.2 year simple payback resulting from cutting yearly energy costs by 20%
- Extended equipment life by reducing HVAC operation time by 700 hrs/yr
- Drastically cut natural gas expense by 70%
- Required no new equipment
- Trained staff in improved operations techniques providing continued savings

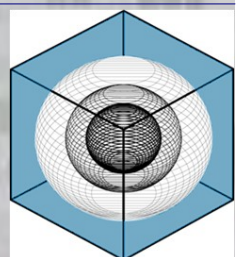
The Continuous Commissioning® process helped improve the Matheson Courthouse's overall performance for significantly less money than the alternatives. Through optimization of equipment use strategies, this project began generating positive cash flow in less than two years.

**Continuous Commissioning® - building excellence!**

*Energy Systems Laboratory  
Texas Engineering Experiment Station  
Texas A&M University System*

214 Wisenbaker Engineering Research Center  
Texas A&M University  
College Station, Texas 77843

Phone: 979.458.3434  
E-mail: wesvanrite@tamu.edu



# *Continuous Commissioning®*

## *Energy Systems Laboratory*

Continuous Commissioning® is an ongoing process to resolve operating problems, improve comfort, and optimize energy use for existing commercial and institutional buildings and central plant facilities. Continuous Commissioning® incorporates and extends existing building commissioning practices.

The CC® process –

- Results in improved occupant comfort and satisfaction
- Normally uses existing equipment rather than costly retrofits
- Achieves higher system efficiencies over traditional methods

The Energy Systems Laboratory has developed the Continuous Commissioning® process to improve comfort and performance using cost effective measures. CC® incorporates the best of retro-commissioning techniques into a process that has achieved superior performance in over 300 buildings around the globe. The objective of CC® is to produce a rapid payback while providing sustained improvement to building performance according to the facility's actual use.

The Energy Systems Laboratory and its Licensed Partners have access to the tools, research and expertise that make the Continuous Commissioning® process effective. This select group of Engineers and Building Professionals have the necessary skills and training to quickly identify the best improvement opportunities—those that can be implemented with the least cost while producing the greatest impact.

Continuous Commissioning® Facts:

- Implemented in over 300 buildings
- Provides an average project simple payback of under 2 years
- Used in climates around the world
- Produced over \$90 million in savings with a \$13 million total investment

To find out how the CC® process can help you with your sustainability, energy management, and carbon footprint reduction objectives, contact the Energy Systems Laboratory at Texas A&M University.

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