

Brooke Army Medical Center

San Antonio, Texas

Continuous Commissioning® Success

This 1.5 million square foot, 450 bed facility opened in 1996. Two years later, The Energy Systems Laboratory began a Continuous Commissioning® project in an effort to improve overall building performance. BAMC is a Level 1 Trauma Center and houses many critical environments including the Army Burn Center. This posed a new challenge for the Continuous Commissioning® process - to maintain environmental requirements and produce energy savings.

The results were amazing:

- Produced over \$500,000 in savings in less than two years
- Extended equipment life by significantly decreasing run time
- Resulted in a CC® project simple payback of 1 year

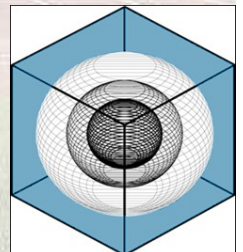
Over the past decade, the Continuous Commissioning® process has helped the Army Medical Command save millions of dollars in energy and maintenance costs. The success of this project showed that significant improvement opportunities may exist even in critical environments with special heating and cooling requirements.

Continuous Commissioning® - building excellence!

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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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