

Project Commissioning

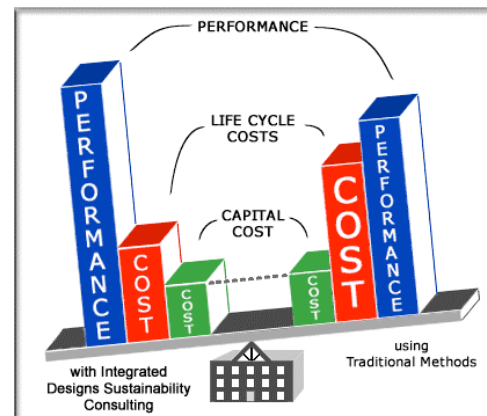
Project Commissioning Leaders

Integrated Designs Inc. (IDI) has been a pioneer in developing systems and services to deliver high performance sustainable buildings and has assembled a very talented team that are committed to leadership in providing project commissioning services. IDI has developed a culture of continual improvement and work to **add value** for our customers so they realize a sustainable advantage in owning and operating their facilities. IDI is a member of the Building Commissioning Association

Commissioning Leaders in the Design Stage

In the design stage of the project, one can integrate IDI commissioning to improve the efficiency and quality of the project delivery process.

- ✓ IDI works in a spirit of collaboration to ensure the design team delivers optimized designs that are complete, functional, and meet Owner's Project Requirements.
- ✓ IDI promotes owner involvement so that everyone on the project is working towards the same goals and objectives.
- ✓ IDI contributes a wealth of knowledge during the Integrated Design Process, resulting in simplified and optimized building system designs.



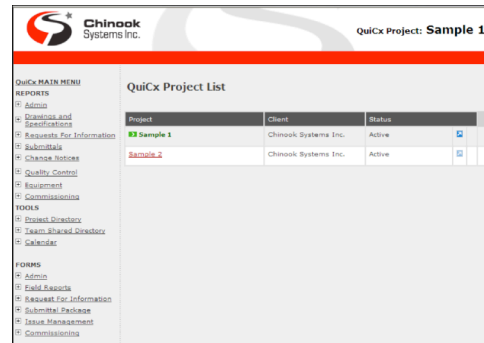
Commissioning Leaders in the Construction Stage

In the construction stage of the project, IDI's primary goals are to establish a clear understanding of the acceptable level of quality and performance for the installation of building systems and to establish a well-defined process for meeting project performance objectives into the future.

- ✓ IDI promotes pilot installations to clearly define quality standards, thereby minimizing potential deficiencies
- ✓ IDI works collaboratively with the project delivery team to improve scheduling, thereby reducing construction cost
- ✓ IDI provides professional training for building operators, thereby improving the effectiveness of project turn-over and optimizing future building performance.

Best-Value IDI Commissioning System

The **IDI Cx System** achieves the requirements for Leadership in Energy & Environmental Design (LEED) Best Practice and Fundamental Systems Commissioning **plus** adds significant value in achieving cost effective designs and sustainable operations. The **IDI Cx System** will ensure the design meets the performance objectives, systems are commissioned to perform as intended and that there are processes in place to keep the facility operating at peak performance.



Project	Client	Status
Sample 1	Chinook Systems Inc.	Active
Sample 2	Chinook Systems Inc.	Active

- + **Best Total Life Cycle Cost Solution:** IDI includes time for design reviews by professionals that have expertise in best total cycle cost designs.
- + **Best Value Information System:** IDI has developed an industry leading Building Management System (BMS) Standard.
- + **Professional Training:** A professional operator training program that encourages a high level of owner/operator involvement in the commissioning process.
- + **Sustainable Long Term Operations:** Our system helps prepare O&M staff to operate facility in a sustainable fashion.
- + **QuiCx:** A world class web-based commissioning management system that improves project coordination, communications and helps reduce the cost of commissioning.
 - ✓ Web-based Cx system with checks and balances to document and manage commissioning to achieve fully functional and successful projects
 - ✓ Project Management tool to improve communications and manage the Cx process
 - ✓ Construction Management tool to manage the quality control process
- + **ASHRAE Guideline 0:** The delivery of successful high performing facilities requires the implementation of a methodical consistent process to ensure that quality objectives are achieved. IDI has adopted the industry standard ASHRAE Guideline 0 Commissioning Process as a means to:
 - ✓ Consistently deliver successful projects
 - ✓ Reduce the cost of construction projects
 - ✓ Provide best value service