

Go Green with a Data Center Efficiency Assessment

These days, you not only face increased energy costs — you face them with the pressure to run more environmentally-friendly operations while maintaining 24/7 availability and meeting expanding IT demands. An efficiency assessment from Emerson Network Power, Liebert Services will help you meet this rigorous challenge by identifying energy reduction opportunities without compromising availability.



Using sophisticated tools such as Computational Fluid Dynamics (CFD) modeling, Liebert Services will assess your electrical and cooling infrastructure and enable you to make informed decisions on the energy efficiency of your data center.

Increase Efficiency without Decreasing Performance:

- Eliminate hot spots, identify areas of overcooling, and validate solutions to enhance your data center's cooling efficiency.
- Identify ways to improve your electrical and cooling equipment for greater efficiency.
- Understand Power Usage Effectiveness (PUE) in your data center so you can establish an efficiency baseline and track PUE ongoing.
- Plan for IT expansion and optimization while maintaining energy-efficient operations without compromising availability.
- Use our ROI analysis to get vital payback calculations that justify investments in your data center improvements.

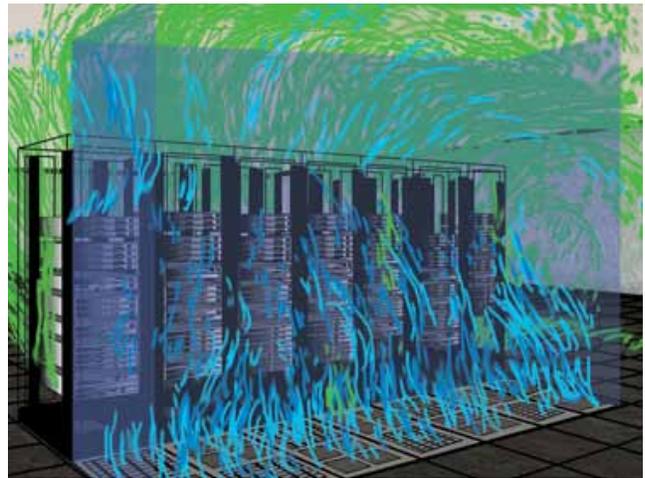
Choose the Level of Support You Need:

- **Basic** — PUE and load profile analysis provide a baseline for efficiency.
- **Essential** — Basic features plus electrical and cooling systems analysis with CFD modeling and ROI calculations.
- **Preferred** — Essential features plus a plan for IT expansion or optimization including full inventory of mechanical, electrical and IT equipment.
- **Assessment Contract** — Featuring wireless sensors deployed at key locations in your data center, this offering provides long-term analysis of environmental conditions with quarterly engineering recommendations to avoid availability and efficiency problems.

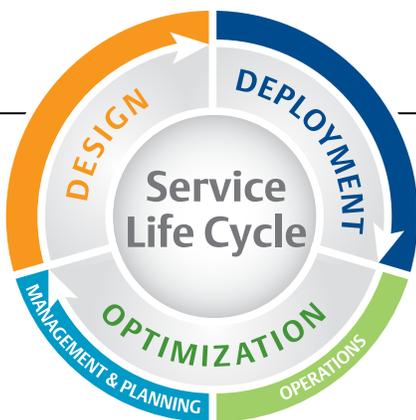
Our Data Center Efficiency Assessment Helps You Reduce Energy Usage and Cut Costs

Our efficiency assessments ensure that your cooling and electrical strategies evolve with your data center, maximizing performance, cost effectiveness and availability. Efficiency assessments deliver clear recommendations with detailed analysis, CFD modeling, and ROI calculations to validate efficiency improvements and investments necessary to get the most from your data center.

- **Expertise** — We are industry leaders in assessment techniques. We have the experience and state-of-the-art tools to deliver superior analysis of electrical and cooling system performance — along with efficiency improvement opportunities.
- **Comprehensive Report** — You'll receive thorough reports with site survey data and clear, detailed recommendations for efficiency improvements; cooling system improvements validated with CFD modeling illustrations; and financial estimates for improvement costs and energy savings.
- **Customer Focus** — We will tailor a Data Center Efficiency Assessment package to fit your unique needs.
- **Return on Investment** — Recommendations from assessment reports are backed by ROI calculations and CFD modeling to provide you with quantifiable justification for any recommended improvements needed to enhance your data center's efficiency.



The above CFD modeling illustration is of efficient data center air flow due to perforated tile placement and aisle containment.



Access Inc / 844 Ehlers Road / Neenah, WI 54956
www.access-inc.com / Mail@access-inc.com
(920) 729-5900

Emerson Network Power, Liebert Services and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co. All other trademarks are the property of their respective owners. ©2012 Emerson Electric Co.

