

## **PTS Plays Role in Conservation by Building New Data Center for the World Wildlife Fund**

Franklin Lakes, NJ, January 30, 2013 — [PTS Data Center Solutions](#) (“PTS”) was requisitioned by the world’s leading conservation organization to assess its data center environment problem.

The World Wildlife Fund (“WWF”) was in need of a more energy efficient data center with high availability and lower operating costs. During the assessment, PTS detected that WWF’s rack densities were causing an increase in heat which caused the existing Computer Room Air Condition System (CRAC) to flood the room with air. Hence, the CRAC had a very low Delta T between its supply and return. The resulting increased loads did not work well in the environment, causing inefficiencies in the overall effectiveness of the cooling solution, so improvements in power and cooling were a necessity.

A renovation was initially proposed, but when PTS found out that WWF’s first floor tenant was moving out, PTS recommended an entirely new data center build-out. PTS was tasked with design, construction management, procuring equipment, overseeing installation, commissioning, and post construction services. WWF received a dynamic cooling solution which gives the data center the energy efficiency that was desired.

PTS was able to educate WWF on the efficiency of a modular data center. By using an in-row cooling design with variable frequency drives, WWF was given a dynamic cooling solution which offers the desired energy efficiency.

“The use of modular systems is an excellent strategy to address growth without major disruptions”, said Michael Petrino, PTS Vice President. “WWF is now operating a reliable, energy efficient data center. With the new, energy efficient cooling solution in place, the WWF data center is able to conserve significant amounts of energy and allow the WWF to practice internally its mission of conservation of natural resources.”

### **About WWF**

WWF is one of the world's largest and most respected independent conservation organizations, with over 5 million supporters and a global network active in over 100 countries. WWF's mission is to stop the degradation of the earth's natural environment and to build a future in which humans live in harmony with nature, by conserving the world's biological diversity, ensuring that the use of renewable natural resources is sustainable, and promoting the reduction of pollution and wasteful consumption.

To learn more, visit the company’s website at [www.worldwildlife.org](http://www.worldwildlife.org).

## About PTS Data Center Solutions

Founded in 1998, PTS is a turnkey solutions provider specializing in data center and computer room consulting, engineering, infrastructure, construction, and maintenance services. We offer a broad range of project experience in designing data centers, computer rooms, and technical spaces. We employ industry best practices in integrating proven, 'best-of-breed', critical infrastructure technologies that result in always available, scalable, redundant, fault-tolerant, manageable, and maintainable mission critical environments.

In today's highly competitive climate where businesses can't stop and downtime is measured in profits lost, PTS offers survey, assessment, strategy, planning, feasibility, engineering, design, construction, commissioning, implementation, monitoring, maintenance, and predictive analysis services for protection against some of the leading causes of critical systems downtime, hardware damage, data loss, and decreased employee productivity. Highly respected in our industry, PTS sets the standard for 'always available' solutions for data center and computer room environments.

To learn more, visit the company's website at [www.ptsdcs.com](http://www.ptsdcs.com).

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Larry Davis  
PTS Data Center Solutions, Inc.  
201-337-3833 x123  
[ldavis@ptsdcs.com](mailto:ldavis@ptsdcs.com)