



**NYSERDA**

**New York State  
Energy Research and  
Development Authority**

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## **tw telecom and NYSERDA Announce Co-location Expansion**

*-Leverages **tw telecom**'s network capabilities to deliver industry leading co-lo facility  
-Tenant occupancy available in first quarter 2010*

**ALBANY**, New York. –September 14, 2009 – **tw telecom**, (NASDAQ: TWTC) a leading provider of managed voice, Internet and data networking solutions for businesses, today announced the expansion of a state-of-the art, 13,000-square foot co-location facility with the New York State Energy Research and Development Authority (NYSERDA). The facility, to be located at the Saratoga Technology + Energy Park® (STEP®) in Malta, is scheduled for tenant occupancy in the first quarter of 2010.

“Co-location facilities are becoming more and more strategic to enterprise and government customers as they search for the most cost-effective IT infrastructure expansion, as well as, business continuity and disaster recovery solutions,” said Dan Maynard, vice president and general manager for **tw telecom** in Albany. “This facility will be equipped with green and emerging technologies to be extremely energy-efficient and to reliably store a customer’s data. It also supports the state-of-the-art power and cooling needs of our customers.”

“I applaud **tw telecom**’s decision to locate their second Capital Region co-location facility at the STEP,” said Francis J. Murray Jr., President and CEO of NYSERDA. “Home to clean energy and environmental technology companies working hard to advance Governor David A. Paterson’s clean energy agenda, STEP is a natural fit for **tw telecom** to locate as the energy-efficient and environmentally-friendly technologies to be deployed at the site will reduce energy consumption and help improve our environment.”

**tw telecom** co-location facilities throughout the country protect customers from the risk of downtime and its Ethernet and voice services improve the quality of a customer’s network while reducing its costs.

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Technical assistance provided by NYSERDA's New Construction program identified several design features that will significantly reduce electricity load and add to environmental sustainability within the facility that go above and beyond what other centers currently use. For example, cooling of data centers consumes large amounts of energy. While most existing facilities use inefficient direct-expansion air cooled HVAC, this new facility, located at STEP, will use water-cooled, high efficiency chillers and what is known as a water-side economizer that utilizes cold winter air to aid in providing the necessary data center cooling.

Server cooling, another large consumer of energy within data centers, is impacted by hot and cold air mixing within the data center. The **tw telecom** facility at STEP will achieve hot aisle/cold aisle efficiency through a raised floor design, server layout, and physical separations between hot and cold aisles; known as "blanking" to ensure that cold air is fed to the front of the servers and hot air is exhausted and removed from the space. Many data centers do not adhere to this design guideline.

In addition, **tw telecom** is taking advantage of NYSERDA's lighting program and specifying high efficiency T8 lights controlled by occupancy sensors to ensure the lights are only on when people are in the facility.

**tw telecom** connects nearly 10,000 U.S. commercial buildings, more than any other competitor, directly to its own national fiber network, and continues to be one of the top three providers of retail Ethernet ports in service, as ranked by Vertical Systems Group, a leading industry analyst firm. With its fiber network, IP backbone, and global IP VPN reach, **tw telecom** has the network capability, robust product portfolio and national/local customer care teams to support mission critical enterprise applications and to deliver the industry's most sought after customer experience.

"Ultimately, we connect customers locally and across the country with quality, reliability and scale, thereby adding value to our vast fiber networks," Maynard said. "That is the power of **tw telecom** – networking and co-lo solutions that customers demand and depend on."

### **About STEP**

STEP is a knowledge-based community with significant resources for clean energy and environmental technology companies locate, build, and grow. Its strategic location in New York offers a marketplace committed to clean/green technologies and enables companies to tap into a highly-skilled workforce and state-of-the-art facilities. STEP's campus like setting, proximity to universities, the Luther Forest Technology Campus, and the area's clean energy manufacturing and research companies creates an opportunity for synergy and collaboration. Please visit <http://step.nyserda.org/>.

### **About tw telecom**

**tw telecom holdings inc.**, a unit of **tw telecom inc.**, headquartered in Littleton, Colo., provides managed network services, specializing in Ethernet and transport data networking, Internet access, local and long distance voice, VoIP, VPN and security, to enterprise organizations and communications services companies throughout the U.S. and globally. As a leading provider of integrated and converged network solutions, **tw telecom** delivers customers overall economic value, quality, service, and improved business productivity. Please visit [www.twtelecom.com](http://www.twtelecom.com) for more information.

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