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**Stan Nestor
Supervisor of Technology
Lehigh Career and
Technical Institute**

LCTI Advances Education in Supply Chain Processes with Technology Upgrades by integraONE



Located in the small town of Schnecksville, PA and ranked as one of the largest career and technical schools in Pennsylvania and the United States, Lehigh Career and Technical Institute (LCTI) offers over 50 areas of study.

The institute, which began in 1971, takes pride in providing Lehigh Valley area high school students and members of local business and industry the opportunity to learn in a cutting-edge, state-of-the-art facility.

A Growing Program

The Material Handling/Logistics Technology Program at LCTI was developed as a collaborative effort between LCTI, local and international logistics firms, and the Lehigh Valley Workforce Investment Board (WIB.) This program supports a growing need for qualified employees in the supply chain processes field and actively engages students in the areas of receiving, shipping, order picking, and operation of numerous types of material handling equipment.

Students learn in a working, state-of-the-art 17,000 square foot distribution center which actively handles the school supply processes for nine public schools throughout the Lehigh Valley. The facility needed to be equipped with today’s most contemporary technology to support the efforts of the staff and students working and learning there.

LCTI’s Materials Handling/Logistics program’s 17,000 sq. ft. distribution center.



Lehigh Career and Technical Institute Case Study



The necessary technology upgrade was made possible by a U.S. Department of Education grant secured through the office of U.S. Congressman Charlie Dent (*pictured at left during October 25, 2010 news conference held by LCTI to thank him for his support*).

The Solution

Several technology purchases were planned for the department based on the available funding. integraONE was the chosen provider for the installation of the 50 HP Thin Client workstations as well as an HP Blade SAN system to equip two new state-of-the-art classrooms placed in LCTI's Distribution Center, the heart of the Material Handling/Logistics Technology programs.

The Thin Client workstations offer LCTI the benefits of low power and maintenance requirements and ease of use for students. integraONE staff provided all necessary hardware, software and installation services for the project plus training sessions, ongoing support, and trouble-shooting for the LCTI staff who would take over managing the equipment.

Why integraONE?

Stan Nestor, supervisor of technology for LCTI, described his reasons for selecting integraONE for this initiative. "We needed a vendor who had an established partnership with HP, was on the state contract, and was preferably a local business. We already had a history of great experiences with integraONE, plus they met all of those other criteria."

A Solid Plan and Precise Follow-up

Nestor was impressed with how integraONE communicated regularly with his team at LCTI and managed all aspects of the project seamlessly. "The integraONE team met with our team prior to the anticipated start date and we worked together to create a plan for the system, a project schedule and a scope of work," noted Nestor. "We knew when equipment would arrive and what was expected of us. The integraONE team really stuck to that plan throughout the entire project. Everything went so smoothly."

integraONE: Customer-Focused and Patient

While the project team did enjoy a seamless implementation, the actual planning process took over one year to complete. Nestor chuckled a bit when he explained the circumstances. "The integraONE team is very customer oriented – and also very patient. Due to funding considerations, there were several instances when our work plan and project estimate needed to be reworked. Our account manager and the integraONE engineering team provided the same high-quality service every time," said Nestor. "integraONE provided everything we expected and much more."

Plans for the Future

LCTI unveiled the new classrooms and technology enhancements at an event honoring Congressman Dent for his continuous support of career and technical education on October 25, 2010. However, this phase of the project does not mark the end of technology improvement efforts for LCTI. "I look forward to adding more Thin Clients on campus in the near future," said Nestor. When asked if he would once again call on the support of integraONE, his response was a simple, "Absolutely."

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