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## Central High School

Paddock Lake, WI

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### At a Glance

#### Planning

- » Increase technology in curriculum
- » Start a 1:1 program
- » Reduce technology burden on school personnel

#### Implementation

- » Implemented a 1:1 program starting with the incoming freshman class
- » Researched, found and installed a solution that safely charges the technology

#### Results

- » Laid the foundation for a robust and vital 1:1 school-wide program
- » Engaged students in an interactive learning environment
- » Motivated teachers to take advantage of the technology, improving students, time in the classroom
- » Implemented a technology that provides safe charging of mobile devices
- » Implemented a technology that encourages student responsibility for their devices

#### FUYL Cell Technology Key Features

- » No Stress. Safe. Secure.
- » On-the-go charging
- » Charge almost any device
- » Modular and scalable
- » Fully ventilated

# Lock'n'Charge Solutions - An Essential Component in 1:1 Programs

## About the School

Central High School • Westosha School District • Located in Paddock Lake, WI  
Number of Students: 1200

### Their Mission:

As a community of learners, ensure all students acquire knowledge, skills and character to thrive as contributing members to a global society through a quality, caring staff; a challenging and relevant curriculum; and diverse opportunities to achieve personal success.

## Challenge

A strategic imperative for Central high school is to develop a comprehensive plan to address space and technology needs in support of an expanding student and adult curriculum. As part of this plan, a 1:1 program was put into place, starting with the 2012 freshman class. To enhance and improve student achievement, each freshman is required to bring a wireless device with a keyboard and N-rated wireless card to school every day. A direct challenge was the 300 devices for the incoming freshmen. Another challenge was how to support the students using these devices while maintaining the security and reliability of the network infrastructure.

## Solution

Supplying the students with the devices went smoother than anticipated, Dr. Annette Smith, Central's Technology Director, said. "We had prepared for 30 percent of students to need school-supplied laptops either through a lease program or through a waiver process for families who didn't have access to the necessary hardware."

Central has had in place a program for securing and charging school-owned laptops, but since the 1:1 initiative required students to bring in their own device, the school needed to provide a safe one-to-one charging option for the students. Additionally, students were not allowed to bring devices with cameras into the locker room so a secure charging option was needed in the gymnasium area. Smith had been to an education trade show earlier in the year where she saw and liked the FUYL Cell charging technology from Lock 'n' Charge Technologies. She thought this might be just the technology needed for students to keep their computers charged for use in the classroom throughout the day.

Central High purchased two FUYL Cell stations for placement between the gymnasium and cafeteria. The thought was to install only one FUYL Cell station and then watch to see how the students responded to and used the charging lockers. However, after only two short weeks, it was clear they needed to quickly install the second FUYL Cell station as the demand for safe charging capability was higher than the one FUYL station could supply.

During Freshman Boot Camp the first two days of school, the students were trained on how to use the FUYL Cell charging technology. Nancy Switalla, Administrator Assistant to the Principal, said:

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*"A few of the kids struggled the first two weeks. At first they forgot which slot they put their laptop in or forgot the combination they used, but now very seldom does she have to assist students in remembering which locker they had placed their device based on the numbers and letters next to the key pads."*

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## Highlights

- » Starting a 1:1 initiative
- » Infrastructure challenges
- » Excited student response
- » Teachers jump on board
- » Smooth transition
- » FUYL station – integral component
- » Growing 1:1 program



## Result

The 1:1 initiative is a success from both a curriculum and infrastructure perspective. Dr. Smith says the transition has gone more smoothly than expected. One of the biggest surprises was how few students needed the school to provide computers. In the class of about 300 students, 24 leased computers and another 11 check out school-owned netbooks during the day because their family owns a desktop computer they can use at home.

The program supports a myriad of curriculum. From analyzing an Edgar Allan Poe short story in an English class to creating an international cultures video presentation in World History, the technology facilitates learning and motivation. Homework,

projects, assignments and many textbooks are found online. Students say the technology helps them stay organized and motivated.

Teachers are developing new instructional practices because of the technology. In some classrooms, lectures are online and traditional homework is now an interactive exercise in the classroom. John Kao, a science teacher, says he loves the 1:1 program as it enables more real-world examples in the classroom. "In science," he says, "we really use technology to analyze the data."

The 1:1 initiative is making the positive impact the school hoped for. The FUYL cell charging technology is keeping the mobile technology charged in a safe and secure environment. Nancy Switalla says the FUYL cell stations are used constantly, mostly charging laptops, iPad devices and netbooks. "I never see a student just charging a phone."

Smith says they are very proud of their program and that Central's plan is to execute the program school-wide. "Having the technology to support the 1:1 initiative will allow us to move forward," Smith says. "The FUYL Cell technology brings security for the kids and for us."



*"It's important to know that the laptop or other mobile devices are safe when charging. The FUYL Cell technology enables the students to be responsible for managing their technology – another way to prepare them for life after high school."*

Dr. Annette Smith, Technology Director  
Central High School, Westosha School District



### **FUYL™ Cell Locker Cube with Digilock**

*Manufacturer Part Number:*  
FUYL Cell+Digilock

*Distributor Part Number:* 78705

Designed to individually store, charge and secure laptops, iPad devices or any other mobile electronic device.

### **Accessories**



### **FUYL™ Cell Pedestal**

*Manufacturer Part Number:*  
LNC3107

*Distributor Part Number:* 78742

The Lock'n'Charge pedestal is primarily used to raise a cube stack off of the floor. It provides extra storage and can be used to secure a network switch.

## **So what is the FUYL Cell?**

### **No Stress. Safe and Secure.**

Our robust FUYL™ Cells are designed to secure valuable mobile electronic devices such as iPad® devices, laptops, cell phones and more. Each Cell has five individual lockable compartments.

### **On-the-go charging.**

Set up FUYL™ Cells in any environment and create a secure charging and storage facility. Perfect setup for schools, universities, convention centers – anywhere mobile devices are used.

### **Highly compatible.**

Charge almost any device. Each compartment is fully equipped with a main supply power outlet, as well as dual USB charging ports capable of delivering 2.1 amps. (iPad compatible).

### **Modular and scalable.**

Mount the FUYL™ Cells on a wall or stack them. It's your choice. FUYL™ Cells are designed to adapt to your space.

### **Fully Ventilated.**

No worries. Uniquely designed for passive ventilation to minimize heating during charging. A fan can be added for additional air flow.

### **Easy to use.**

Works just like a hotel safe. FUYL™ Cells come with digital locks for individual use 24/7.

Please note:  
Specifications and images are for illustration purposes only. Final product may differ. iPad is a registered trademark of Apple Inc.