

Case Study

LocknCharge and iPad Devices in Schools



LocknCharge at Putnam City Schools

Vision

All students will have the skills they need to thrive in our 21st Century Economy.

District Wide Goal

All Students can read to learn and write to express their learning.

It all started at TCEA and ISTE

At a Glance

The Plan

- 4 year bond
- 1 iPad for every 1.4 students
- iPad devices stay in schools
- 10,000 iPad devices
- Teachers apply for the iPad devices

Putnam City Schools

LocknCharge solution facilitates logistics and makes life easier



About Putnam City Schools

Located in Oklahoma City, OK
Number of Students: Over 19,000
Number of Schools: 27
Number of Alternative Schools: 2

Their Mission

The mission of Putnam City Schools is to prepare our students to be responsible citizens and lifelong learners. It's a mission in which we are succeeding.

Challenges

Amidst the excitement, several challenges emerged.

- **First**, how to determine which classrooms receive the iPad devices and when?
- **Second**, how to secure and charge the iPad devices – manage the chaos and secure the investment.
- **Third**, training the teachers – management and integration into the curriculum.

Execution

Why iPad devices? The district, at all levels, recognized the need to get devices into students and teachers' hands. After a thorough exploration and evaluation phase, they decided on the iPad.

The pilot featured a 1:1 deployment in one of the Alternative High Schools. The deployment was designed to gauge student engagement and how well teachers integrated the iPad application into the curriculum.

The pilot provided the information they needed and then some. Students bought into using the iPad device. Students were not just surfing the internet, they were fully engaged in the learning experience. As student engagement grew, administration saw a decrease in discipline referrals. The pilot uncovered a planning flaw as not all the teachers were on board with the project. Armed with the students' response and the knowledge that teachers need to be brought into the project early on, the pilot did ease the way for integrating technology into all the schools over time.

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Cart deployment

School year 2012/13 deployed

130+ carts

Total number of carts - 179

Located in 27 buildings

Some off-site pre-K schools

Cart Criteria - in order

Warranty

Quality Construction

Price & flexibility - tied

“The flexibility of the EVO 40 Cart to be either syncing and charging or just charging kept our costs down while meeting all our management needs”... Stratton



The bond to support the technology initiative passed. We wanted to build off the pilot success and address the challenges we identified. Charri Stratton, Director, Instructional Technology, says “we set up a program to address teacher buy in and which classes received the iPad devices and when.” The program involved the teachers completing a form stating how they would integrate the technology into their curriculum and how many devices they are requesting. The site principal and a district committee then reviewed the applications and distributed the iPads accordingly.

Putnam City Schools would like all students to have an iPad eventually, but with the current initiative we ended up with a ratio of one iPad for every 1.4 students. Since the iPad devices were not going home, we needed a cart-based rollout. The quest for the right cart started.

Stratton says they looked at 20 different carts. The usability, quality and ease to maintain were looked at by many people within the school district:

- Instructional Technology Team
- Randomly selected teachers
- Randomly selected administrators and others within the district

It was immediately obvious when a cart didn't meet the criteria, especially from a quality and flexibility perspective. And, Stratton says “we definitely knew what carts we didn't want.”

Next was the trip to ISTE where the original findings were confirmed. Stratton says,

“We visited all the vendors at ISTE. After talking with them, reviewing our criteria and understanding the workflow around our deployment, the right cart for us was obvious. LocknCharge was the clear solution. The quality and baskets certainly make managing our iPad devices easier.”

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How one Pre-Kindergarten made life easier with our baskets



The LocknCharge EVO 40 Carts made our lives easier. The deployment is going great. Stratton says:

“Teachers like the cart and love the baskets. They all want their own cart but that is not viable from a budget perspective. The baskets make the deployment work.

The ability to easily move the carts from one location to another fits our workflow. And since the cart is so good, fewer iPad devices disappear.

The syncing works great and saves us time.”

The workflow is simple and provides the teachers with the freedom to own their curriculum. The teachers have keys to the carts that they use. Teachers download the apps they want to use to their iPad devices; the syncing capability of the cart makes that easy.

With the actual deployment plan in place and the management of the iPad devices secure, training was of the utmost importance. Stratton says they put a lot of time and energy into the training. Each teacher using the devices, received eight hours of training on how to enrich their students’ learning experience through the technology. They also received four hours of training on managing and supporting the iPad devices.

So what is the result?

The teachers are on board and building technology into their curriculums – increasing engagement and enhancing the learning experience for all their students.

One teacher has wholly applied the technology to the Socratic Method. The class is divided into two groups; an inner circle answering questions and an outer circle who is asking the questions. With the iPad devices, the engagement is higher and comprehension increased.

Another teacher went totally paperless. Students access assignments,



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Carts in the classroom



Having the baskets for the iPad carts makes storing and collecting the iPads so easy. It is nice that each iPad has its own slot.

- Brittany, Middle School student



I love using these iPad carts. They keep everything so organized and easily accessible. The iPads are kept secure and safe too.

- Molly, High School student

What people are saying

“Students are more focused on their learning because they are so engaged. I am hoping to see them become more independent and learn how to save their work to share with me/the class. I am also seeing their teamwork and cooperativeness improve! “

Samantha VanOsdol- Elementary Teacher

“Students are always engaged. They do not need to look for something to do when they finish their work”

Deana Morrison-Middle School Teacher

”The iPads helped to engage students more deeply in taking notes. I know from last year the iPads encouraged creativity when the students shared their reading experiences. The students continued learning by creating book trailers.”

Jamie Causey – High School Teacher

The Future

Putnam is taking the deployment one step at a time. This year was the first deployment and working through the logistics. Next year the excitement builds. Teachers will continuously receive training that builds on the initial training. The district is developing digital curriculum that students and teachers can access 24/7.

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So what is this technology?

- **Safe, efficient and a future proofed power management system for charging 40 devices at once** – How? ECO Safe Charge™ can handle the power requirements of almost any device by staging the availability of power to each bank of devices.
- **Compatible.**
The Carry Baskets are designed to accommodate almost any Tablet device.¹
- **Extremely portable.**
Equipped with four removable 10 slot Carry Baskets, making mobile device deployment easier. The Carry Baskets are made from aluminum making them strong and durable.
- **The larger device storage area** means that Tablet devices can be accessed with ease and by more users at once.
- **Cable management.**
The Tablet devices' power packs are stored under the lockable top lid in a separate storage compartment.
- **Two tilting storage compartments** are located on opposite ends of the Cart where your Tablet devices are securely stored in for charging and transportation.
- **Highly secure.**
Two-point locking system per tilting storage compartment to keep your valuable devices safe.
- **Quick access.**
Because the tilting compartments are located on opposite ends of the EVO 40 Tablet Cart, more Tablet devices can be accessed at once.
- **Transport in bulk.**
Don't want to carry your Tablet devices by hand? Roll the EVO 40 Tablet Cart to where you need it.
- **Lock it down!** After a day of use, lock the tilting storage compartments and attach the heavy duty anchor kit for securing the Cart whilst it's not in use.
- **Lifetime warranty.**
LocknCharge products are built to last.²
- **Modular syncing.** (Optional).
Think you may need syncing functionality in the future? Don't buy a new Cart... Purchase the hand held iQ Sync Charge Box which allows you to carry the unit where syncing is required (sold separately).

Please note:

Maximum load of 39 lbs. per tilting compartment.

Images and specification are for illustration purposes only. Final product may differ and is subject to change without notice. Charging requires a power point.

¹ May not fit detachable keyboard attached. May not fit all devices. Please check the dimensions of the device and the Carry Basket. Some Power Adaptors may not be compatible.

Contact us for details and compatibility.

² Click here for full warranty details.

About Us

LocknCharge is a company dedicated to the design, manufacture and functionality of the highest quality security, charging and transport solutions for mobile devices. Our vision is to be globally recognized as the most innovative and trusted brand in developing solutions for managing deployments of mobile technology. Our mission is to make life easier for organizations implementing mobile technology.



www.lockncharge.com