

# Case Study

LocknCharge EVO™ 40 Carts and iPad® Deployment at  
Coachella Valley Unified School District



# LocknCharge at Coachella Valley Unified School District.

## Vision

Level the playing field for students with technology.

## District Wide Goal

Prepare students for college, career and citizenship by being the first school in the United States to deploy an iPad to all students and teachers pre-K through 12th Grade.

## At a Glance

### The Plan

- Deploy 5,600 iPads and 140 EVO Carts as a Pilot
- Pass a \$42 Million Technology Bond
- Complete full deployment of over 20,000 devices and 480 EVO Carts

# A deployment like nothing that had been done before.



## About Coachella Valley Unified School District (CVUSD)

Located in Thermal, CA  
Number of Students: 19,500  
Number of Schools: 22

### Background

The district's schools are spread out over an area the size of the State of Rhode Island. As one of the poorest school districts in the United States, with 90% qualifying for free or reduced cost lunches and with a population that is 97% Hispanic, the passing of a \$42 Million technology bond in 2012 was a signal that the district and community were making a true investment in the future of their students.

### Device Deployment Vision and Goals

Superintendent Dr. Daryl Adams' vision of leveling the playing field for all of his students with technology led to the initiative to be the first school in the United States to provide Apple iPads® to all students and teachers pre-K through 12th Grade. Preparing their students for college, career and citizenship was a core tenant of this initiative and there was no roadmap for how to accomplish this. It had never been done before.

Michelle Murphy, Executive Director of Technology Services, led the technology team of the CVUSD iCenter, in coming up with a plan on how to provide 20,000 iPads® in their first year of deployment, knowing that the impossible is possible with hard work and collaboration.

The first step was securing funding, through a \$42 Million technology bond to upgrade digital infrastructure increasing Wi-Fi access points and bandwidth, as well as to purchase the devices. To prove to voters that this bond was worth passing, the district established an iPad deployment pilot.

# Coachella Valley Unified School District

LocknCharge partners with CVUSD to offer best practices and solutions.

## Cart deployment

School year 2011-2016

Total number of carts - 480

Located in 22 buildings

Cart in every classroom.

## Cart Selection Criteria

Simplify device deployment

Secure & heavy-duty construction

Easy to wire and manage

*“The LocknCharge products really stood out for the heavy-duty security and the school-specific features within the design, like the Baskets,” says Murphy.*



## Deployment Plan

Once CVUSD solidified their decision to go with iPads, this led the team to finding the best partners in the industry to assure the pilot and deployment went smoothly. The project plan included sourcing everything from iPad cases to security software to syncing technology to finding a way to secure and charge their devices. Everything was standardized to make the deployment go smoothly.

The criteria for selecting vendors was stringent. They needed to be hyper-responsive to the district's needs as they flowed through the stages of deployment, provide expertise in deployments and assure the lofty investment the district was making in devices was protected and fully utilized once deployed.

LocknCharge met with CVUSD in the summer prior to the pilot deployment to showcase the EVO 40 Cart™, a solution that secures and charges 40 iPads and features Baskets to easily deploy devices in a classroom. The CVUSD team quickly realized that the quality of the Cart, the speed to wire and set-up the Cart and the Basket ecosystem were unlike anything they'd seen to date. It is extremely secure and, with the two side-opening doors, offers multiple access points to the devices within a classroom.

“The LocknCharge team was extremely responsive and helpful with all of our questions before and during the deployment. Their product really stood out for the heavy-duty security and the school-specific features within the design, like the Baskets for device deployments.” says Murphy.

Starting with a pilot, the district deployed 5,600 iPads and 140 Carts in the fall of 2013. During the pilot, work flows were developed, WiFi was upgraded, the CVUSD iCenter was established and courses were held to educate students, teachers and the community on how to leverage the devices. All hands were on deck to make the pilot successful and even students were engaged on teaching other students how to use the devices.

The results of the pilot were phenomenal. Students were:

- Better engaged and more excited for learning
- Improved in both social and academic measures

# Coachella Valley Unified School District

LocknCharge solution offers security and school-specific features.

*“I like the ability to have two student tables able to plug in their iPads at the same time because the Cart opens from both sides. It is easy to have kids access the devices in these Carts,” says Maricela Hernandez, T3 and former 3rd grade teacher.*

With the results from the pilot and heavy community education on the importance of digital education, the bond measure passed in November of 2012 with 67% approval. This paved the way for fast-tracking the rest of the iPad deployment. Both CVUSD and LocknCharge were ready, and leaped into action to deploy the remaining 14,400 devices and 340 Carts.

## Challenges Encountered

Throughout the pilot, Murphy and her team learned some key lessons for deploying the devices to schools in the Carts.

They realized that it was best for the one-to-one model to have an individual Cart in each classroom, with only select classrooms sharing a Cart. Part of their process became engaging the actual teachers in the placement of the Cart within their classroom to assure that facilities could place the included lock-down kit in a location that would work for them.

The importance of security was reinforced during the first year of deployment, when the Carts were tested during a school break in. Ultimately, no iPads were taken and the district was able to have peace of mind that if educators assured their Carts were locked when devices were not in use their valuable investment was protected.

For every challenge the iCenter team has encountered, working with their partners, like LocknCharge, a solution has been found. Best practices have been shared to not only make the continued management of their deployment go smoothly, but to assure that other districts can have similar successful deployments.



# Coachella Valley Unified School District

LocknCharge solution makes deployment go smoothly and lives easier.

## Results to Date

At the end of the 2013-2014 school year, CVUSD had met their goal and deployed an iPad to every student and educator from pre-K to 12th grade. In total, the district is actively managing over 21,000 iPads – assuring that they are synced, charged, secured and ready to use.

Their deployment process was so effective that the district was honored with an Apple Distinguished Program Award. More importantly, students are engaged in their learning, they have individualized education, they have the tools they need to be successful in school and in life now. Technology has leveled the playing field for students in CVUSD.

Districts around the nation have taken notice of the deployment at CVUSD, and many of the district's team members speak regularly at conferences and seminars to share best practices. These conferences include: CUE, Fall CUE, ACSA Superintendent's Symposium, AirWatch Connect, CAAASA, CETPA, CSBA, NSBA, Lead 3.0 and ISTE.

## The Future

With continued deployments of iPads in support roles and other locations within the district and ongoing management of the current fleet, the team has their hands full. However, Dr. Adams continues to push Murphy and her team to new limits in providing the most advanced technology to their students.

More recently, CVUSD has been testing LocknCharge FUYL™ Cell Charging Lockers to allow students to charge devices in common areas such as locker rooms or cafeterias and is also testing LocknCharge Sync Charge Boxes to remotely sync iPads.

With a trip to the White House in November of 2014, Dr. Adams was called out by President Barack Obama for the district's continued efforts in assuring students have access to technology to learn including the latest to equip buses with WiFi Routers so students could have Internet access at home.



# Details on the EVO 40 Cart

LocknCharge solutions makes life easier.

**Intelligent power management system.** The iQ 16 Sync Charge Box automatically stages the availability of power to each port. This function prevents the potential of overloading the circuit and protects your iPad devices.

**Accessible storage.** iPad devices and the Baskets by LocknCharge are stored on opposite sides of the Cart to create a more efficient work flow. How? Not only is it better ergonomically, it also creates better access to the devices, so that teaching and learning can happen faster.

**Cable management.** All the iPad device power packs are conveniently stored under the lockable top lid to make cable setup and access faster.

**Baskets by LocknCharge can go where others can't.** They're designed to make deployments of iPad devices faster and safer, so that Teachers and IT Administrator can focus on creating an engaging learning environment.

**Highly secure.** Two-point locking system to keep your valuable devices safe.

**Lifetime warranty.** LocknCharge products are built to last with a lifetime warranty.\*

**Modular and mobile.** With the ability to remove the iQ 16 Sync Charge Boxes from the EVO 40 Cart, syncing and charging can occur almost anywhere, independently of the Cart.



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## 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](http://www.lockncharge.com)