



CASE STUDY | EDUCATION

Black Box's mobile charging trolleys provide safe storage for laptops across Finnish elementary school

BACKGROUND

The Putaan koulu school is the largest upper comprehensive school in Tornio, an historic town in Northern Finland. The school has approximately 570 pupils and 50 teachers.

CHALLENGE

In autumn 2015 the school underwent a major renovation. The project, valued at 8.5 million Euros, involved part new build, part refurbish and an overhaul of the school's information and communication technology.

"Projectors and whiteboards are history for us", says Jaakko Junes, Principal of Putaan koulu. "The most important tool in the classroom is an 80-inch touch screen. We have kept one square metre of blackboard on the sidewall of each classroom, as a reminder of the old teaching style. All classrooms have an identical set-up."

"Many of our staff are only teaching using digital methods with devices such as computers, tablets and touch screens. Everything is networked and teaching is completely interactive. The teacher can see what each pupil is doing on their computer and is able to provide one-on-one instruction and, for example, set personalised homework according to each pupil's needs."

According to Junes, digital teaching material has completely replaced printed school books. Digital material is more versatile and the equipment is now available at reasonable prices.

At the moment Putaan koulu has 260 Chromebook computers for the pupils. There are not yet personal computers for everybody, so computers have to be moved from one classroom to another. For that they need computer trolleys.

"It has been easy and convenient to do business with Black Box. They were proactive in providing solutions, and always available when we had questions."

Jaakko Junes,
Principal of Putaan koulu

CLIENT:
PUTAAN KOULU SCHOOL

REGION:
FINLAND

INDUSTRY:
EDUCATION

SOLUTION:
CHARGING TROLLEYS

LAPTOP
CHARGING
TROLLEYS





SOLUTION

“We arranged a tender for the trolleys and got quotations from five suppliers offering ten different trolleys”, continues Junes. “Black Box proved to be the best value for money proposal during the two stage tender process.”

The school had previously purchased trolley type carts with two wheels; now they wanted four-wheel charging trolleys which are much better according to Junes.

“The **Black Box charging trolleys** have a robust construction and, in the model we chose, there are places for 24 computers. There are places to charge each computer in the cabinet and cabling is compact and organised. To charge the full trolley the main plug is connected to power over night and in the morning the computers are again ready for the day’s work. The carts are easy to modify and equip according to needs. The sturdy door with a lock keeps the equipment safe.”

OUTCOME

At Putaan koulu they continue to add and update their computer technology one step at a time as budget allows. The plan is to purchase one hundred new computers with enough carts for storage and charging. Taking a phased approach the school will eventually have computers and charging trolleys for every classroom.

“It has been easy and convenient to do business with Black Box”, said Junes. “After the initial inquiry we immediately received product brochures and specifications of suitable carts. Sami Lehto of Black Box Finland who was responsible for our project has served us in an excellent way, he was proactive in providing solutions, and always available when we had questions. Besides that he was able to provide a great value for money product which meant we were able to close the deal right away.”

SOLUTIONS USED:



CHARGING TROLLEYS

