

Enabling Sustainability and Increased Revenue with Rugged Tablets



The Challenge:

DS Smith is a leading global packaging and recycling company specializing in paper and corrugated packaging solutions. The company was founded in 1940 and has since grown to employ over 30,000 people in more than 30 countries around the world.

DS Smith's mission is to deliver sustainable and innovative packaging solutions to its customers. In recognition of its efforts, DS Smith has received numerous awards and accolades for its sustainable practices and commitment to corporate social responsibility. The company's product portfolio features a wide range of packaging products, including corrugated boxes, display and promotional packaging, retail packaging, and sustainable packaging solutions. In addition to its packaging solutions, DS Smith also operates recycling facilities, which work to recover and recycle fiber, plastics, and other materials to be used in the production of new, sustainable packaging products. The company is committed to promoting a circular economy, where waste is minimized and materials are reused or recycled, and has set a goal to achieve zero waste in its operations.

DS Smith needed rugged computers that could reliably operate during excessive heat and cold temperatures. They needed to roll out these new systems

remotely, with all devices imaged at one location and then shipped to the site with remote software enabled. This would allow staff on-site to connect to the network and power on without worrying about system management. The remote tech needed to be able to take control of the systems and configure an autologin and desktop shortcuts for each specific location.

The Solution

DS Smith worked with their reseller partner to discuss options. DT Research's name in the industry as a top rugged tablet manufacturer with proven service impressed the decision makers at DS Smith. They chose the DT Research DT301 10-inch rugged tablet for the reliability track record, availability with the options needed, and a competitive price point.

The DT301 10.1-inch capacitive high-bright touchscreen gives the ideal screen size to weight ratio to allow staff to clearly view details on the display no matter the lighting conditions. The Intel® Pentium® Gold 7505 processor powers the systems to reliably support the applications needed, and Microsoft® Windows® IoT Enterprise operating system makes these flexible tablets easy to integrate with existing systems and software. The IP, MIL-STD and HERO certifications make these tablets able to stand up to water, dust, vibration, and other hazards whether on the manufacturing floor, warehouse, or in the field. The hot-swappable batteries means there is never down-time for the tablets. DS Smith also chose mountable charging cradles designed and manufactured by DT Research to add to the ease-of-use of the tablet systems. The tablets are quickly removed from the cradles as

needed to move to another location or take into a vehicle.

The Results

DS Smith has rolled out all the new systems remotely, with the imaging completed at one location before shipping to the site with remote software enabled; workers at the site only needed to connect to the network and power on. The remote tech staff were able to take control of the systems from their office and configure an autologin, creating desktop shortcuts for that each specific site as needed. Very little training was needed with this turn-key solution, easing the workload for the end-users. The results of implementing these new DT Research rugged tablets have been reduced downtime as the hardware has a very low issue rate. This has improved productivity and increased moveability of product with little to no downtime. DS Smith is able to better focus on their commitment to sustainability.

