

Education | United Kingdom

# Cranfield University upgrades student labs with Lenovo

Cranfield University

With Lenovo TruScale Device as a Service, Cranfield refreshed its labs with powerful new workstations without a large upfront investment—enabling students to use industry-standard applications and run real-world research.



Lenovo

Lenovo  
**TruScale**

# 1

## Customer background

# Who is Cranfield University?

Cranfield is an exclusively postgraduate university in the UK, creating leaders in technology and management. The university has two campuses: the main campus at Cranfield, Bedfordshire, and the second at the Defence Academy of the United Kingdom at Shrivenham, southwest Oxfordshire.

Cranfield focuses on the specialist disciplines of aerospace, defense and security, energy and power, environment and agrifood, manufacturing, transport systems, and water. The Cranfield School of Management is a world leader in management education and research.



## 2 The challenge

Founded as the College of Aeronautics in 1946, the theme running through Cranfield's history is a commitment to and passion for applied research, which makes a difference to the world in the fields of science, technology, and management.

Cranfield's IT services and facilities play an important role. The university provides students with industrial-grade computing facilities, along with access to some of the world's best business software, used to solve real-world problems.

To support the latest and greatest industry applications, Cranfield regularly refreshes the workstations in student labs to ensure high performance, stability, and reliability.

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“We support a wide range of **industrial and engineering applications** on all our workstations—from computational fluid dynamics to aircraft design modeling. These applications require **stable, high-performance hardware.**”

Steve Lawson

**Desktop and Second Line Support, Service Delivery Team Leader, Cranfield University**

# 3 The solution

## Cost-effective procurement of powerful devices

With the existing devices approaching end of life, Cranfield chose to refresh the student labs with high-performance Lenovo ThinkStation P2 Tower workstations.

The university took advantage of Lenovo TruScale Device as a Service (TruScale DaaS) to avoid a large upfront investment in the new workstations, instead opting for a subscription-based procurement model.

### Services

- Lenovo TruScale Device as a Service
- Lenovo CO<sub>2</sub> Offset Services
- Lenovo Premier Support
- Lenovo Warranty Upgrade

### Hardware

- Lenovo ThinkStation P2 Tower

### Software

- Lenovo ThinkShield

Suzie Chadwick, Head of Service at Cranfield, comments:  
“Budgets are tight in the higher education sector. Lenovo TruScale DaaS enables us to spread the cost of the devices over their lifecycle with only a small upfront cost.”



**“Spreading the cost of the workstations with TruScale DaaS meant we didn’t have to compromise on compute or graphic processing power. The Lenovo ThinkStation P2 workstations deliver all the performance we need to support demanding industry applications.”**

**Steve Lawson**

Desktop and Second Line Support, Service  
Delivery Team Leader, Cranfield University

# 4 The results

Since refreshing its student labs with the Lenovo ThinkStation P2 workstations, Cranfield has seen a substantial improvement in performance.

“Users can really feel the difference,” confirms Steve Lawson, Desktop and Second Line Support, Service Delivery Team Leader at Cranfield. “We’ve had very positive feedback, with users reporting that applications are running faster.”

Suzie Chadwick adds: “The Lenovo ThinkStation P2 workstations are extremely stable and reliable. We’ve had zero issues since installing the new devices, so we spend a lot less time running around labs troubleshooting.”



Subscription-based procurement model avoids large upfront investment



Significant improvement in performance for industry-standard applications



750.5 tons of carbon emissions offset to date

# 4 The results

## **Better services, support, and sustainability**

As part of Lenovo Digital Workplace Solutions (DWS), TruScale DaaS opens the door to a wide range of additional offerings and services to Cranfield. The university benefits from Lenovo Premier Support, an extended warranty upgrade, and Lenovo ThinkShield security software.

Cranfield also opted for Lenovo CO<sub>2</sub> Offset Services to promote sustainability. This service allows the university to offset estimated CO<sub>2</sub> emissions across the lifecycle of all its Lenovo devices, including manufacturing, shipping, usage, and disposal. To date, Cranfield has offset 750.5 tons of carbon dioxide equivalent (CO<sub>2</sub>e) across all devices under Lenovo's CO<sub>2</sub> Offset Service, supporting seven different third-party verified climate action projects.



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“With Lenovo TruScale DaaS, we have equipped our student labs with the latest in workstation technology. This enables students to use **industry-standard applications** and run **real-world research**, preparing them to succeed in the world of work.”

Suzie Chadwick

**Head of Service, Cranfield University**

# Why Lenovo?

Cranfield has been using Lenovo technology in its student labs for more than 10 years.

“The stability and reliability of Lenovo’s hardware is rock solid,” says Steve Lawson. “We don’t get too many problems with the machines, and any problems we do face are fixed quickly. The performance of the workstations is always impressive. We’ve been very happy with the partnership over the years.”

Suzie Chadwick adds: “With this latest TruScale DaaS deal, we have more direct contact with Lenovo and are taking advantage of more support services that wrap around the hardware than we did in the past, strengthening our relationship with Lenovo.”

# How can universities equip students with the latest tech?

Cranfield University uses Lenovo TruScale DaaS to upgrade its student labs with powerful new workstations.

[Explore Lenovo TruScale DaaS](#)