



CASE STUDY · HIGHER EDUCATION

A Texas university rolls out a new campus network in one summer.

With new student housing and fall semester approaching, the university needed cabling, switching and wireless across campus fast. Weaver delivered the full RUCKUS deployment in three months.



CUSTOMER

Public University,
East Texas

INDUSTRY

Higher Education

PARTNERS

RUCKUS

PROJECT TYPE

Campus network
and cabling

THE CHALLENGE

A campus-wide rollout, due before fall.

The university is a Texas public university. Student housing was expanding and digital demands were growing, and the campus needed a high-performance, scalable network to keep up.

Building on a previously completed core switch upgrade, the university brought in Weaver and RUCKUS to scope and deploy structured cabling, switches and wireless access points across campus, including newly constructed student dorms.

All of it had to happen during the summer term so the network was ready before students returned, with minimal disruption and no surprises.

THE STARTING POINT

Summer term

The window to finish before students returned for fall

New dorms

Newly constructed student housing needing full connectivity

Campus-wide

Cabling, switches and wireless access points across the campus

THE APPROACH

The Weaver Way: one team, end to end.

Weaver led the solution architecture for the entire project, from requirements gathering and equipment planning to implementation and fine-tuning. Weaver engineers handled the cabling, switch installation and access point deployment themselves. When a firmware upgrade issue came up mid-project, the team worked closely with RUCKUS support and university stakeholders to resolve it and keep the schedule intact.

PROJECT CAPABILITIES

Network architecture and deployment	RUCKUS wireless and switching integration	Structured cabling services
Higher education infrastructure planning	Summer-term rollout execution	Network testing and fine-tuning



Success is measured by impact. This project was about more than network hardware. It was about delivering reliability and confidence to a higher education partner.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

RUCKUS wireless and switching, on new cabling.

The deployment extended the earlier core switch upgrade out to buildings and student housing across campus, with Weaver handling design, installation and testing.

WIRELESS

RUCKUS access points

Improved wireless performance across campus, including the newly built student dorms.

SWITCHING

RUCKUS switches

Switches installed across campus, building on the previously completed core switch upgrade.

CABLING

Weaver structured cabling

Structured cabling scoped and installed by Weaver's own cabling team, with architecture and testing support.

THE RIGHT TIME

Three months, finished before students returned.

The entire project was completed in three months during the summer break. A firmware upgrade issue could have slowed the work, but Weaver engineers worked with RUCKUS and the university to meet every technical and scheduling requirement without disruption.

1

Core upgrade EARLIER PROJECT

Core switching upgraded in a previous project.

2

Scope REQUIREMENTS

Cabling, switch and access point needs planned across campus and new dorms.

3

Deploy 3 MONTHS

Cabling, RUCKUS switches and APs installed, and a firmware issue resolved.

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Fall semester DEADLINE MET

Network ready and tuned before students returned.

OUTCOMES

Ready for fall, on time.

The university now has improved wireless performance across campus and a seamless rollout of new infrastructure in student housing. The project was completed on time to meet the semester deadline, with high satisfaction from the university and full operational readiness when students arrived.

■ Stronger wireless performance	■ On-time execution aligned with the academic calendar	■ Seamless rollout in student housing
■ Flexible support through technical hurdles	■ Trusted, repeat partnership	■ A scalable model for other campuses

THE RIGHT REASON

A partner that returns for a reason

The university had worked with Weaver on past infrastructure projects and came back for consistent execution and trusted expertise.

Accurate scope, no surprises

Weaver scoped carefully, responded quickly when issues came up and delivered the results it planned for.

A COMMON CHALLENGE IN HIGHER EDUCATION

Campus network work usually has to fit into the summer break, and new buildings add scope that has to be ready on the same day as everything else. Accurate scoping and one accountable team make that window workable.

Planning a summer network project?

Weaver can scope cabling, switching and wireless across your campus and build a schedule around your semester.

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WEAVER

ABOUT WEAVER

Dell Titanium Partner. Since 2006, Weaver has helped organizations build IT strategy and security so they can focus on their craft. We serve education, state and local government, healthcare and commercial customers across the U.S. and internationally.

Right IT Solution.
Right Time. Right Reason.