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INDUSTRY BRIEF

Education

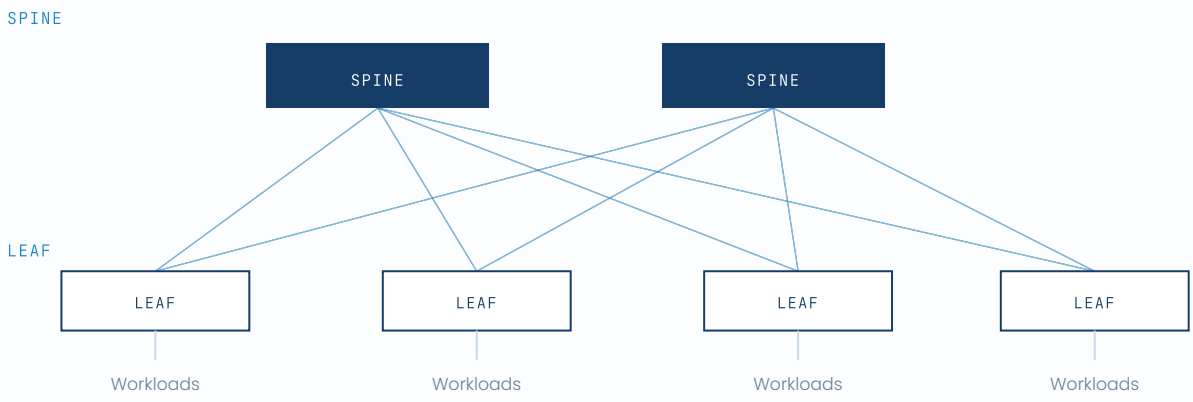
Density on the busiest day of the year, and a data centre that stops growing by accident.

The constraint that dominates

Campus networks fail at the peak, not the average. Enrolment week and exam season are the design case; the quiet Tuesday in March is not.

The other half of the work is behind the scenes. University data centres tend to accumulate: every new system arrives with its own VLAN, its own firewall rules and its own undocumented dependency, until the estate is held together by the memory of whoever has been there longest.

Rebuilding that as a policy fabric changes the question from "what rules does this application need" to "what is this application allowed to reach" — which is a question with a written answer.



SPINE-LEAF FABRIC — CAPACITY ADDED AS A MODULE, NOT AS A PROJECT

What we do in this sector

Data centre policy fabric

Cisco ACI with VXLAN and BGP EVPN, moving application policy out of per-device configuration and into a contract you can read.

High-density wireless

Predictive and validated surveys designed for the busiest hour — lecture theatres, exam halls and enrolment queues.

Segmented access

Students, staff, research and administration separated properly, with device onboarding that does not require a helpdesk ticket.

Scalable capacity

Headroom calculated and documented, so the next intake is a decision rather than an incident.

Design priorities

PEAK-HOUR DENSITY | SEGMENTED ACCESS | DOCUMENTED POLICY | ROOM TO GROW

REFERENCES

We have delivered work of this kind in education. Named references are available on request, under the usual confidentiality arrangements.

EmaLite

Every estate is specific.

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Tell us the constraint you are designing around and we will tell you how we would approach it.

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