

LUMU MULTIVERSE CASE STUDY:

HOW A TOP UNIVERSITY TURNED ITS BIGGEST SECURITY CHALLENGE INTO ITS BEST TEACHING TOOL



THE CHALLENGE:

Securing Sensitive Data While Bridging the Cybersecurity Skills Gap

A leading university had a twofold challenge. They needed to protect a vast and complex digital campus — and the sensitive student, faculty, and research data within it — from a constant barrage of cyber threats. At the same time, their postgraduate cybersecurity program had to produce graduates with real-world skills, not just theoretical knowledge. A data breach would be a disaster, but a skills gap in the next generation of defenders would be a long-term failure.

THE SOLUTION:

Turning Security Infrastructure Into a Real-World Training Lab

The university needed a single solution for its dual challenge. Maltiverse delivered a unified plan through an integration with Wazuh, an open-source XDR and SIEM platform. Maltiverse's threat intelligence gave the security team faster threat response capabilities with fewer false positives. The plan also armed postgraduate students with dedicated licenses. This transformed the university's security infrastructure into a real-time, hands-on cybersecurity training lab.

THE RESULTS:

A Win-Win for IT Security and Academic Excellence

This dual-purpose approach created clear benefits for both the university's security and its students:

A Secure and Resilient Campus:

The university improved its threat detection and automated its incident response. This protected sensitive student and research data while freeing up the IT team for other important tasks.

Bridging the Skills Gap: Students got to use the same tools as the pros. They moved beyond books to get real-world experience finding threats and stopping attacks, which helped them get great jobs after graduation.

Fostering a Culture of Cybersecurity:

By making the security platform part of its classes, the university created a campus-wide culture of security awareness. Students even helped protect the school, making it a safer place for everyone to learn.



Students
Gained
Real-World Skills



University
Secured
Sensitive Data



Security
Awareness
Culture Fostered

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