

Boldyn Networks secures campus logins with Unicon and AWS

One platform connects students to Stream2 through the identity systems their institutions already run.

THE WORK

THE CHALLENGE

Boldyn Networks' Stream2 platform had to work across the varied identity environments colleges already use.

Students and administrators needed to sign in with existing campus credentials without creating separate accounts and while the service scaled securely in the cloud.

THE SOLUTION

Unicon built a custom authentication platform on AWS supporting multiple campus authentication technologies, with central management, policy controls, reporting, and administrative tools.

The AWS foundation uses Amazon ECS, Aurora/RDS, EC2, CloudWatch, IAM, and CloudFormation, with Multi-AZ design, infrastructure as code, monitoring, backups, and disaster recovery.

HOW ACCESS FLOWS



BUILT TO FIT

A custom platform integrates with multiple campus authentication technologies.

RUN AROUND THE CLOCK

24x7 production support backed by a 99.9 percent uptime commitment.

DESIGNED TO EVOLVE

Modernization planning retires end-of-life systems before they cause problems.

THE PARTNERSHIP

A custom build became a long-term partnership

After launch, Boldyn needed a partner that could operate the AWS environment, support the custom identity application, and help the platform keep pace with changing technology.

24x7

PRODUCTION SUPPORT

99.9%

UPTIME COMMITMENT

2025-26

SUCCESSIVE AGREEMENTS

WHAT UNICON MANAGES

Full operational ownership of the AWS environment and the custom identity application.

- ✓ Cloud infrastructure operations
- ✓ Application support
- ✓ Backup + recovery
- ✓ Continuous monitoring
- ✓ System administration
- ✓ Security + vulnerability management
- ✓ Production deployments
- ✓ Custom CAS expertise

MODERNIZING THE PLATFORM

Retiring legacy technology before it becomes a reliability problem

The authentication application relied on an end-of-life operating system and unsupported libraries. Boldyn's 2026 renewal added consulting hours to plan the upgrade, with a June 30, 2026 deadline identified in the engagement. The goal: reduce technical debt while maintaining service continuity and long-term supportability.

THE VALUE OF ONE PARTNER

What began as a custom build now combines cloud operations, identity expertise, security, and modernization planning in one relationship.