

Case Study

Revamping Digital Lab Suite for a Digital Forensics Curriculum



The Client

The client is a leading higher education publisher specializing in digital security and cybersecurity learning products.

The Challenge

The client needed to revise and repackage the 10-lab suite for a flagship digital forensics textbook, aligning it to the new 2025 edition authored by a recognized expert. Due to licensing and publishing constraints, no new media could be added. The labs had to reflect updated learning objectives, meet WCAG accessibility and instructional quality standards, and be delivered within strict timelines and budgets.

Critical Success Parameters

- ✓ Revise 10 existing digital forensics labs to align with the new textbook edition.
- ✓ Update assessments, instructions, and metadata without adding or changing media assets.
- ✓ Ensure all lab content meets minimum WCAG 2.1 AA accessibility standards.
- ✓ Maintain version control and deliver within fixed-scope, budget, and timeline constraints.

Our Approach

- ✓ Magic EdTech collaborated closely with the client’s editorial team and subject matter experts to scope and implement lab updates.
- ✓ Revised instructional and assessment content across 10 lab modules.
- ✓ Updated learning objectives, quiz items, and lab steps for alignment with the new edition.
- ✓ Validated all labs for WCAG 2.1 AA compliance using automated and manual checks.
- ✓ Delivered accessible files in SCORM and HTML5 formats for LMS compatibility.
- ✓ Conducted iterative editorial reviews with the client’s QA team.
- ✓ Maintained strict version control and change logs for transparency and future updates.



Key Result Highlights

100% of labs delivered on time and within budget for FY 2025 adoption.

Enabled future-ready content updates through version tracking and curriculum alignment.

Achieved WCAG compliance, ensuring broader reach and learner satisfaction.

Strengthened the publisher’s academic credibility in cybersecurity education.

Established a repeatable update framework for future editions and lab refreshes.