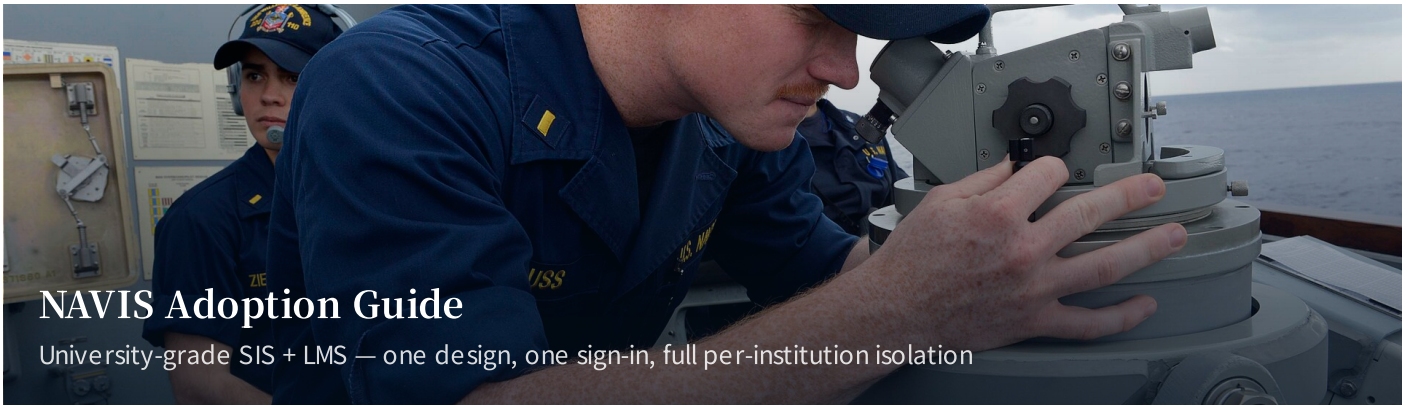




NAVIS Adoption Guide

University-grade SIS + LMS — one design, one sign-in, full per-institution isolation

COMMERCIAL GUIDE

NAVIS Adoption Guide

University-grade SIS + LMS — one design, one sign-in, full per-institution isolation

Overview

NAVIS is a hybrid of a purpose-built Student Information System and a Moodle-based LMS for maritime and fisheries universities. Academic records live in the SIS; classrooms live in the world-standard LMS. One design language and one sign-in connect them.

Core capabilities

Multi-tenancy

Institutional isolation is enforced on every record and proven by automated cross-tenant tests.

Configurable academic rules

Graduation requirements, enrollment limits, grading scales, and student-ID patterns change by configuration, not code.

Audit trail

Status changes, enrollment, and grade finalization are recorded in an append-only ledger (blocked at the database level).

Three languages

Indonesian, English, Korean — screens and the LMS open in the same language.

Unified sign-in

One SIS login reaches the LMS. Tokens never live in the browser (BFF).

Per-institution branding

Colors, names, and photography registered once apply to both SIS and LMS.

Security & procurement

Answered in the language procurement questionnaires use.

Session token exposed to browser JS	None — httpOnly cookie + BFF (verified in-browser)
Grade tampering after finalization	Physically blocked by DB trigger; corrections only with audit history
Accessibility	WCAG 2.2 AA — measured contrast, keyboard focus, motion policy, color+shape dual encoding
Cross-institution isolation	Enforced at every layer with regression tests

Adoption path

1

Register the institution

Code, domain, branding (colors, photos) — same day

2

Configure academic rules

Term structure, ID patterns, grading scales, limits — 1 week

3

Migrate data

Records and curricula migrated and verified — 1–3 weeks by volume

4

Go live

Open alongside staff training; LMS courses sync automatically

Technical profile

TypeScript · Next.js / NestJS · PostgreSQL 16 · Moodle 5.x · Docker — per-campus instances or shared multi-tenant

Contact

Full functionality is available right now with demo accounts.

`admin@aup.ac.id` (demo)