

FRONT-END & DESIGN · GOVERNMENT UX

Government Digital Systems Front-End & UI / UX

Design system and front-end for two national platforms — an immersive **VR E-Learning System** and an enterprise **Management Information System** — focused on clarity, trust, accessibility, and operational efficiency.

Design System

Color & Type

Components

Dashboards

Data Viz

Responsive

WCAG AA

2

PLATFORM UIS

1

DESIGN SYSTEM

AA

ACCESSIBILITY

Web

RESPONSIVE

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v1.0

Design Principles & Color Palette

Clarity

Government operators scan fast
— strong hierarchy, legible data,
calm density.

Trust

Deep navy + measured blue
convey authority and reliability
for public systems.

Accountability

Status is explicit: green =
compliant, amber = attention,
red = risk.

Primary & Brand

Brand / Navy #18295D Structure, headers	Deep Blue #1C3A91 Headings, accents	Accent Blue #1F64F8 Actions, charts	Accent Tint #E7EDFB Active, fills
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Semantic & Neutral

Success #05C081 Compliant, done	Attention #E8920C Pending	Risk #DC2626 Errors, alerts	Border #E4E8F0 Lines & dividers
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Token	Hex	Usage
color.brand	#18295D	Sidebars, headers, primary structure
color.accent	#1F64F8	Primary actions, links, active state, charts
color.success	#05C081	Compliance, completion, positive KPIs
color.amber	#E8920C	Attention, pending review
color.surface	#F7F9FC	App canvas & card backgrounds

Typography, Spacing & Components

Typeface: **Plus Jakarta Sans** — clean, institutional, excellent for dense dashboards and data tables.
Numerals use tabular figures so KPI columns align.

Display / 28·800	Executive Overview
H1 / 20·800	Security Governance
Body / 14·400	Report descriptions, table cells, field labels.
Caption / 11·500	department · period · timestamp
KPI / 26·800	100%

Type Scale (sp)

28 · 20 · 16 · 14 · 12
· 11

8pt baseline grid

Spacing

4 · 8 · 12 · 16 · 24 ·
32

Card pad 16 · gap 12

Radius / Elevation

sm 6 · md 11 · pill 999
card-1 · modal-2

Core Components

Primary

Secondary

Compliant

Attention

Risk

Governance

Input & Filter

Search department...

FY 2025 · Q3

Default · focused (accent border).

KPI Card

100%

COMPLIANCE

248

REPORTS

0

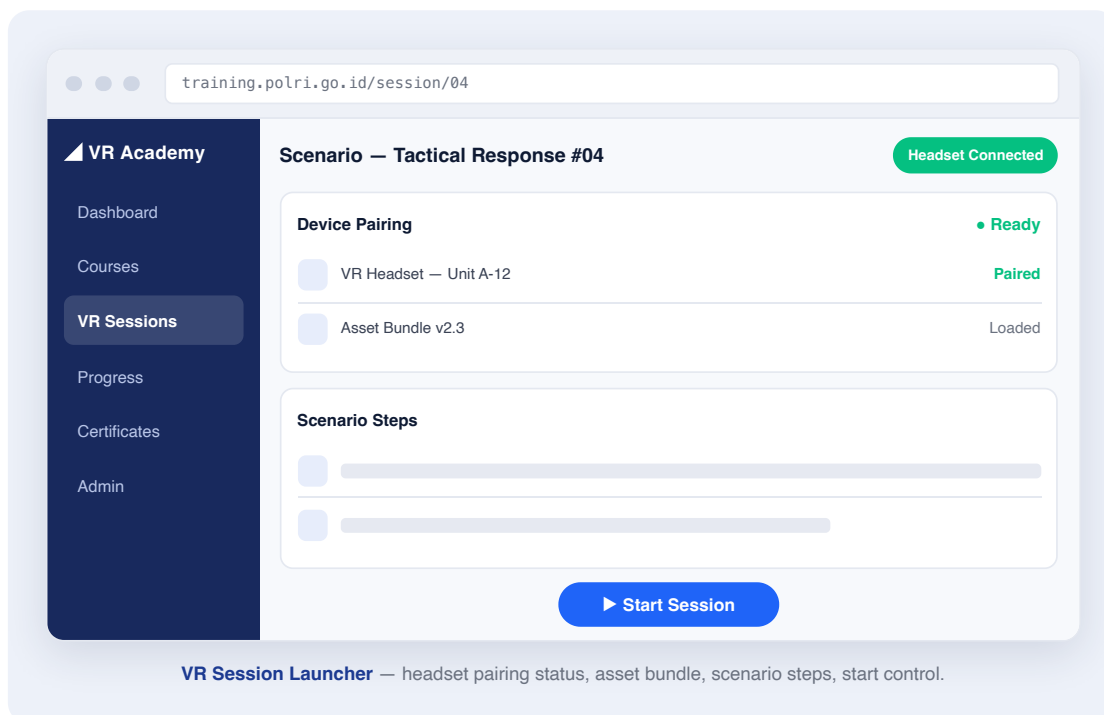
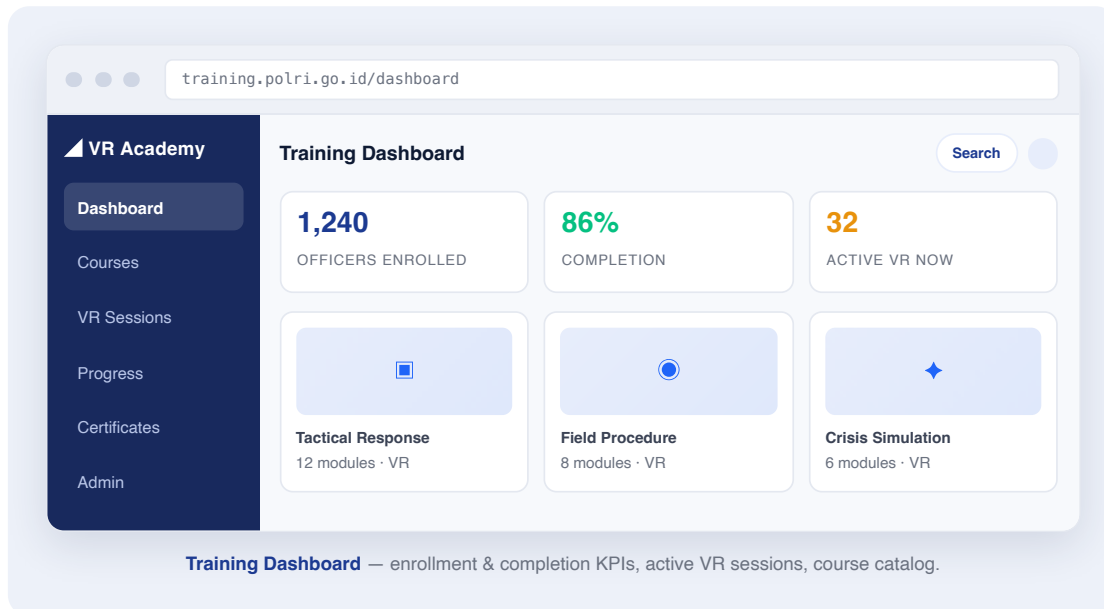
RISKS

Big tabular figure + uppercase label; color encodes status.

VR E-Learning — Experience & Screens

A web console for officers and instructors to browse curricula, launch VR simulations, and track progress — the surface that pairs with the VR headset for nationwide training.

Core User Flow



Management Information System – Screens

An enterprise console for the Ministry of Finance: executive dashboards, cross-department reporting, and a security-governance surface with a role-based access matrix and immutable audit trail.

Core User Flow



Executive Dashboard — compliance & throughput KPIs, process-timeline trend, department charts.

Role	View	Report	Approve	Admin
Viewer	✓	–	–	–
Analyst	✓	✓	–	–
Manager	✓	✓	✓	–
Governance	✓	✓	✓	✓

Audit Trail immutable

- policy.update · Governance 09:42
- report.export · Analyst 09:31

Security Governance — role x permission access matrix and immutable audit trail.

Patterns, Data Viz & Accessibility

Dashboard Pattern

- KPI row first — the answer before the detail
- Trend (line) + comparison (bars) paired
- Tables for precision, charts for shape
- Consistent left sidebar navigation across platforms

Data Visualization

- One accent hue + status colors only — no rainbow
- Direct labels over legends where possible
- Tabular figures for aligned numeric columns
- Empty / zero states explicitly designed

Accessibility (WCAG AA)

Text contrast $\geq 4.5:1$, focus rings, 44px targets, status never by color alone (icon + label).

Responsive

Sidebar collapses to icons; KPI grid reflows 4→2→1; tables scroll with sticky headers.

Handoff

Tokenized colors, type & spacing; components mapped 1:1 to the front-end library.

Consistency Across Both Platforms

Element	VR E-Learning	Management Information System
Navigation	Left sidebar (navy)	Left sidebar (navy)
Primary action	Accent #1F64F8	Accent #1F64F8
Status	Green / Amber / Red	Green / Amber / Red
Data display	KPI cards + course cards	KPI cards + charts + tables

A single design system drives both consoles, so an operator moving between platforms reuses the same mental model.