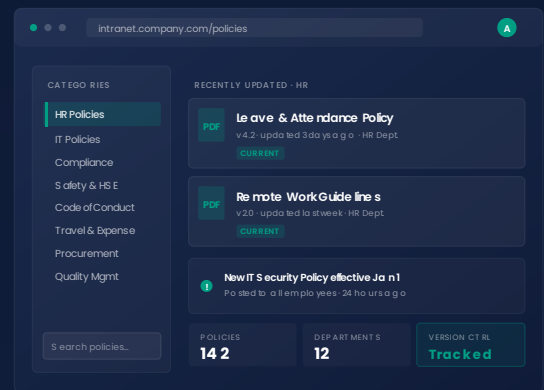


ENTERPRISE PORTAL · CUSTOM SOFTWARE

A Centralised *Intranet Portal* for Policy & Employee Communication

From fragmented policy documents and manual communication to a unified digital workplace — *one source of truth for every employee, every location.*



EMPLOYEES Multi-site <small>unified access</small>	POLICIES Centralized <small>single source</small>	PLATFORM ASP.NET <small>Angular web portal</small>
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INDUSTRY Cable & Pipe Manufacturing	PRACTICE Software Engineering · Enterprise Portals	ENGAGEMENT Custom Portal Build	SCOPE HR & IT Policy Mgmt
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— THE CLIENT & THE CONTEXT

A manufacturer with a distributed workforce — and policies scattered across systems no one could keep current.

The client is a leading manufacturer in the cable and pipe industry, operating across multiple locations with a large workforce and distributed teams.

To improve policy governance, employee accessibility, and internal communication, the organization needed a centralized intranet platform to manage HR and IT policies efficiently — and to ensure every employee, in every location, always had access to the latest approved version of organizational information.

The legacy reality: policies lived in shared drives, email chains, and inconsistent printed copies. Version control was an honour system. New hires onboarded against documents that may or may not have been current. Internal communication ran on whoever remembered to forward what.

ENGAGEMENT SNAPSHOT

What the client needed

Industry **Cable & Pipe Mfg**

Use case **Policy & comms portal**

Scope **HR & IT policies**

Backend **ASP.NET**

Frontend **Angular**

Access model **Role-based, multi-site**

— KEY CHALLENGES

Five constraints the legacy approach couldn't solve.

01

Fragmented policy management

HR and IT policies lived across multiple files, formats, and storage locations. There was no centralized repository where employees could reliably find the current version of an organizational policy.

02

Limited accessibility

Employees across departments and locations struggled to find updated policy documents. There was no unified platform for policy updates and announcements — only inconsistent channels.

03

Manual processes

Policy updates and distribution relied heavily on manual communication — emails, shared folders, printouts. The chances of outdated or inconsistent information being shared were high.

04

Governance & version control

Maintaining policy version consistency across departments was difficult. There was limited visibility into policy revisions and the approvals behind them — a real risk for audit and compliance.

05 · ENGAGEMENT GAPS

And underneath it all, employees who didn't reliably know what had changed.

Employees had limited awareness of policy changes and organizational updates. The absence of a structured internal communication mechanism meant that even well-drafted policies didn't consistently reach the people they were meant to govern. A portal needed to fix the distribution problem, not just the storage one.

— OUR APPROACH

A user-focused intranet strategy — built around how employees actually look for information.

Kansoft implemented a centralized and user-focused intranet strategy to simplify policy management and improve employee communication. Each phase of the work was scoped to deliver an employee-usable surface, not a back-office tool that needed translation.

01

DISCOVERY

Requirement Analysis

Identified HR and IT policy workflows, distribution patterns, and the communication breakdowns the existing process produced — at the level of how people actually found a policy when they needed it.

02

CUSTOM SOFTWARE

Custom Portal Development

Built a centralized intranet platform for policy and document management — designed for the client's organizational structure rather than retrofitted from a generic CMS.

03

CMS

Structured Content Management

Enabled streamlined publishing, updating, and version management of policies — so the authoring workflow matches how HR and IT teams already think about document lifecycles.

04

UX · SECURITY

Experience & Access Framework

Designed an intuitive interface for quick policy access, with role-based access controls for secure document visibility — the right document, to the right person, by default.

— SOLUTION DELIVERED · PART 1 OF 2

What we built — the portal, in six modules.

The first three modules establish the unified policy surface: a single digital home for all organizational documents, structured policy management with version control, and an employee experience designed for findability.

01 Centralised Intranet Portal

- Unified digital platform for HR and IT policy management
- Single source of truth for organizational information and updates
- Web-based access from every location and every device employees use

02 Policy Management System

- Easy creation, publishing, updating, and version tracking of policies
- Ensures employees always access the latest approved documents
- Authoring workflow aligned with how HR and IT teams already operate

03 User-Friendly Employee Interface

- Simplified navigation for quick policy access — search, browse, and category-based discovery
- Improved accessibility across departments and locations
- Designed for the employee who needs an answer in 30 seconds, not 30 minutes

— SOLUTION DELIVERED · PART 2 OF 2

From secure access to digital communication and a scalable foundation.

Modules four through six add role-based access, centralized communication workflows, and the integration layer that ties the portal to HR, IT, and identity systems.

04 Secure Role-Based Access

- Controlled visibility for different employee groups and departments
- Enhanced governance and information security across policy types
- Audit-friendly access controls that map to real organizational structure

05 Digital Communication Enablement

- Centralized announcements and policy communication workflows
- Reduced dependency on emails and ad-hoc manual sharing
- Policy updates reach employees through the same surface they go to for the document itself

06 Enterprise System Integrations

- Connected to internal HR workflows and IT policy management systems
- Tied into organizational user access and authentication systems
- Integration layer designed to support future internal workflows and applications

— TECHNOLOGY STACK

Built on an enterprise-stack the client's IT team already trusts.

The stack choices were driven by long-term ownership — picking technologies the client's internal teams can extend, support, and evolve, rather than introducing dependencies they'd need a partner to maintain.

LAYER 01 · BACKEND

ASP.NET

Mature .NET-based backend chosen for the client's existing enterprise stack and the long-term maintainability profile their internal IT team needed.

ASP.NET

LAYER 02 · FRONTEND

Angular web portal

Modern single-page application built on Angular — responsive, fast, and structured for the kind of content-heavy navigation a policy portal lives on.

Angular

LAYER 03 · PLATFORM

Web-based intranet

Browser-based access from every location — no client software to install, no version drift between user devices, full access from any approved network.

Web portal

LAYER 04 · CONTENT

Policy & document store

Structured content management with versioning, approval workflow, and audit trail. The authoring side reflects how policy teams actually work.

Versioned

LAYER 05 · SECURITY

Role-based access control

RBAC tied to organizational structure — employees see what they should, governance teams see what they need, no implicit access leakage.

RBAC

LAYER 06 · INTEGRATIONS

HR · IT · Authentication

Connected to HR workflows, IT policy systems, and organizational authentication — the portal is part of the enterprise estate, not adjacent to it.

Enterprise

— MEASURED OUTCOMES

Before and after — six things that changed.

METRIC	BEFORE	AFTER
Policy Access	Scattered across systems	Centralized intranet portal
Information Accuracy	Risk of outdated documents	Single source of truth
Policy Updates	Manual distribution	Real-time digital updates
Employee Accessibility	Limited visibility	Easy anytime access
Governance Control	Difficult to track versions	Structured version management
Operational Efficiency	Time-consuming processes	Streamlined workflows

— BUSINESS IMPACT

- ✓ Improved accessibility to organizational policies and updates across every location
- ✓ Reduced manual effort in policy distribution and internal communication
- ✓ Enhanced consistency and governance through centralized information management
- ✓ Better employee awareness and engagement with HR and IT policies
- ✓ Streamlined internal communication processes across departments and sites — replacing email chains and shared folders with one canonical surface

— WHAT CHANGED FOR THE BUSINESS

Beyond the portal — four ways the work compounded.

Operational Efficiency

Centralized policy management significantly reduced administrative overhead and simplified internal communication processes across HR and IT teams.

Improved Employee Experience

Employees gained seamless access to updated HR and IT policies through a user-friendly digital platform — improving engagement and compliance awareness.

Better Governance & Compliance

Version-controlled policies and role-based access improved governance, consistency, and policy accountability across departments.

Scalable Internal Digital Platform

The intranet portal established a scalable foundation for future internal applications, workflows, and enterprise collaboration initiatives.

— WHY KANSOFT

The capability mix this engagement required.

- 01** Expertise in enterprise portal development — including the governance and content workflows behind them.
- 02** Strong user-centric design capabilities for employee-facing internal applications.
- 03** Experience building scalable internal business applications that long-term IT teams can own.
- 04** Deep understanding of manufacturing enterprise workflows and the realities of distributed workforces.

— READY TO BUILD SOMETHING LIKE THIS?

If your *internal policies* live in inboxes and shared drives, the next call is the one worth having.

We build enterprise intranet portals and internal platforms that centralize information, govern policy lifecycle, and reach distributed workforces — without bolting on tools your IT team can't own. If that's the kind of internal digital surface you're after, let's talk.

SPEAK TO OUR TEAM

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VISIT

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