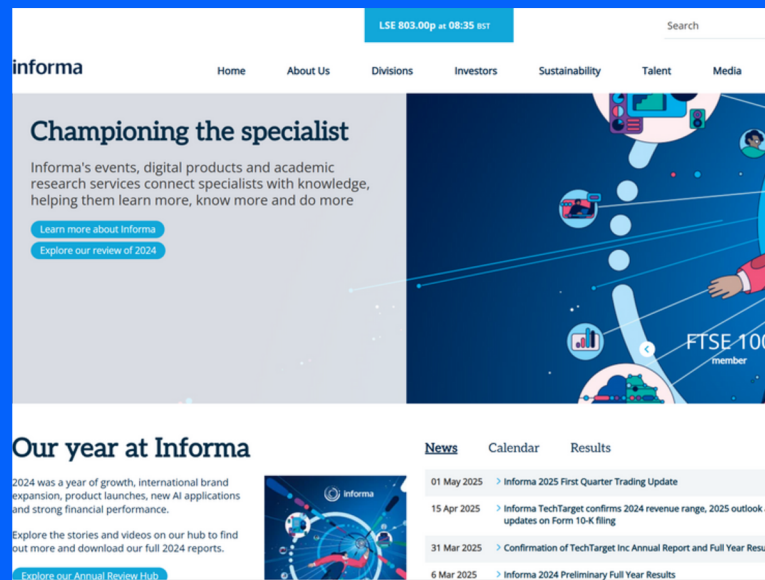# Breaking the Monolith

How K&C turned outdated tech into a modern, modular CMS—boosting agility, scalability, and developer freedom across Informa's event brands.

## About Informa

Informa is the world's largest events company. Informa operates in over 30 countries and serves a global portfolio of specialist markets, delivering knowledge, connections, and digital services through leading brands such as Pharma Intelligence, Omdia, and Lloyd's List. Their modular white-label CRM is used by multiple global event brands to power conferences, exhibitions, and hybrid events.



**Service provider**

**> 12.000 employees**

**International**

**40 Team member**

**React, Node.js, AWS, Jenkins & more**

## Challenge

- **Legacy monolith** with Ember.js and Groovy limited scaling, hiring, and innovation
- **Outdated stack blocked modern practices** and slowed delivery
- Poor cloud fit drove up infrastructure costs
- **Needed zero-downtime** migration to microservices
- Required white-label support for multiple business units
- **Lacked DevOps maturity**, slowing releases and scalability

## Solution

- Migrated from Ember/Groovy to React, Node.js, and Spring WebFlux
- Transitioned to AWS-hosted microservices for scalability and maintainability
- **Integrated AWS tools** for flexibility and scale
- Added React SSR for better SEO and performance
- Switched from Snap CI to Jenkins with on-demand EC2 builds to cut CI/CD costs
- Set up Prometheus, Grafana, and Slack alerts for real-time monitoring
- Implemented AWS WAF and DDoS protection for enhanced security
- **Built white-labelling into all services** to support multiple Informa brands

## Success Story

K&C seamlessly migrated Informa's enterprise CMS from a legacy monolith to a modern, cloud-native microservices platform—without downtime. The result: a scalable, secure system that reduced cloud costs, boosted developer productivity, and eliminated hiring barriers tied to outdated tech.

With a React/Node.js stack and modular architecture, the CMS now supports faster releases, easy customization for white-label tenants, and is future-ready for evolving business needs.

## Why K&C?

**Trusted Partner:** Proven track record from previous successful collaborations with Informa.

**Architecture Expertise:** Deep experience in complex migrations and cloud-native development.

**Skilled Team:** Cross-functional React, Node.js, and DevOps engineers working closely with Informa to deliver fast, high-quality results.

### About Krusche & Company

With over 25 years of experience, Krusche & Company (K&C) is a leading IT outsourcing provider, specializing in web and cloud technologies. Our team of 150+ IT experts operates from six offices worldwide, delivering top-notch services in UX/UI design, software development, cloud development, DevOps, quality assurance, agile project management, and cybersecurity.