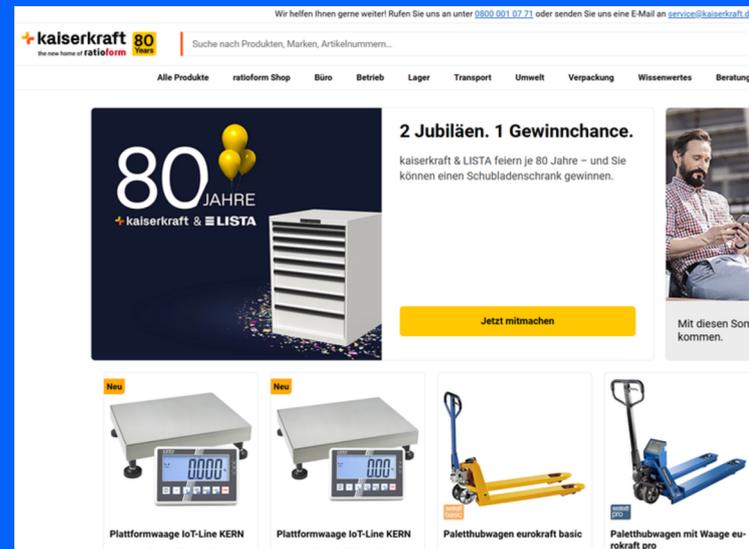# Faster Releases, less Risk across 20 E-Commerce Markets

How Kaiserkraft scaled QA automation to validate complex international storefronts faster, reduce release risk, and protect platform stability.

K&C

About Kaiserkraft

Kaiserkraft is a leading German B2B e-commerce company specializing in office, warehouse, and industrial equipment. With roots dating back to 1945 and a strong presence across Europe, Asia, and Australia, the company operates over 20 localized e-commerce platforms—each tailored in up to three languages. As online sales became a core growth driver, Kaiserkraft sought to scale its digital operations without compromising on quality or uptime.

Retail	> 1.000 Employees	International	AWS, Javascript, Sentry & Co.	6 Team members

Challenge

- **Frequent deployments:** 20+ platforms required frequent, error-free updates.
- **Zero tolerance for downtime:** Even brief outages impacted user experience and revenue.
- **Agile complexity:** Continuous integration needed robust QA support.
- **Interface assurance:** Decoupled front and back ends required seamless communication.
- **Browser & region diversity:** Compatibility testing was essential across languages and devices.

Solution

- **QA automation team:** K&C provided a dedicated test automation and QA team.
- **TestCafe implementation:** Automated integration tests built in JavaScript for real-world reliability.
- **Parallel execution:** 87 AWS containers enabled fast, large-scale test runs.
- **Smart reporting:** ReportPortal offered detailed visibility and error diagnostics.
- **Cross-browser testing:** Tests validated performance in Chrome, Firefox, Safari, and Edge.

Success Story

Automated integration testing now enables Kaiserkraft to run over 800 tests in just 15 minutes across its most critical e-commerce platforms. Parallel execution in 87 AWS containers ensures fast, reliable validation of new code before it hits production. With detailed reporting via ReportPortal and integrated error tracking, development teams can deploy confidently — without fear of downtime or regressions.

The result: faster release cycles, higher platform stability, and a significantly improved user experience across 20+ international sites.

Why K&C?

E-commerce QA expertise: Deep experience with complex, multi-market B2B platforms.

Scalable automation: Infrastructure and methods built for speed and reliability.

Full-service partner: Outsourcing allowed Kaiserkraft to focus on product, not process.

About Krusche & Company

With over 25 years of experience, K&C is your outsourcing partner for secure, efficient, and scalable IT delivery. As a German company with ISO 9001 and ISO 27001 certifications, we provide individual IT experts and complete teams – quickly, compliantly, and cost-effectively. Our team of 180+ IT experts operates from six offices worldwide, delivering top-notch services in AI, UX/UI design, software development, cloud development, DevOps, quality assurance, agile project management, and cybersecurity.

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