

WEBINAR BLUEPRINT

Accelerate Application Development and Quality

Today's IT organizations must adapt to rapidly changing conditions so they can outpace the competition and meet emerging client and customer needs. To that end, robust engineering practices support building and delivering better, more secure products and services while keeping costs under control. Deloitte understands that quality engineering is a strategic priority for its customers, and essential to meet its business and technology goals and objectives.

KEY TERMS

Quality Engineering (QE):

- ▶ A formal practice to integrate quality checks across the entire software development lifecycle, including tools and applications.

Deloitte QE Engineering Practice:

- ▶ Deloitte provides its clients with world-class QE services through a potent combination of industry and testing experience, supported with next-generation assets and solutions designed to drive sustained value.

QE Advisory and Transformation Project:

- ▶ A formal project discipline for QE that's based on assessing the current state of development and related tools in an organization.

Intelligent QE:

- ▶ A combination of subjects, driven by artificial intelligence, machine learning, and analytics, that range from intelligent automation, cloud testing, API testing, and performance engineering, to accessibility and compatibility testing.

Chaos Engineering:

- ▶ An experimental approach to production software stress testing to measure and improve a system's ability to withstand turbulent, unexpected conditions.

Organizations need QE to adapt to changing business conditions quickly and easily, with minimum disruption. Deloitte helps organizations build better, more secure products to let them become/able to:

(Jump into [Deloitte Quality Engineering Services](#))

- ▶ **Future-ready:** able to respond to tomorrow's business and market challenges.
- ▶ **Customer-centric:** deliver products and services to boost customer experiences.
- ▶ **Control costs:** reduce overall cost of software development through automation and AI-based testing.

Deloitte's world-class QE services make its industry and testing expertise readily available to clients, along with next-generation assets and solutions to add value.

(Spring into [2021 Quality Engineering Trends Report](#))

- ▶ **QE Advisory and Transformation:** testing strategy and advisory, testing centers of excellence, quality transformation, and DevOps – CI/CD support.
- ▶ **Intelligent QE:** embraces custom development testing, cloud technologies and migration testing, next-gen testing (AI, ML, analytics, automation), performance and scalability testing.
- ▶ **Digital and Enterprise QE:** includes enterprise packages and pre-built mobile/web/accessibility solutions, plus API and security testing.

Deloitte's QE advisory and transformation engagements bring together all the ingredients necessary to modernize and transform lifecycle testing.

(See [Deloitte Testing Services](#))

- ▶ **Test centers of excellence (TCoE)** help ensure that organizations know which tests to use when, which tools and platforms provide them, and how they integrate into an overall accelerated development management (ADM) approach.
- ▶ **Test governance** helps ensure that organizational policies and applicable rules, regulations, and mandates are met (and can be reported quickly and easily).
- ▶ **Test strategy** helps ensure that organizations adopt the right approach to ADM, and the tools and platforms needed to implement and maintain best QE practices.

Deloitte's Digital and Enterprise QE initiatives can go to work on focused modernization and transformation efforts, like those applied to an SAP design at a major exercise equipment and media company.

(Dig into [Deloitte Integrated SAP Testing Solution with Micro Focus](#))

- ▶ Testing regimes developed to cover specific software packages/platform, contact centers, digital content, IoT, mobile, UX/UI, and industry-focused scenarios.
- ▶ Transformation included Micro Focus ALM, UFT, and Load Runner for SAP test automation, plus functional and mobile testing tools.
- ▶ Company built a TCoE around Micro Focus ADM suite, and improved time to value for SAP projects while training up developers and ensuring efficient ops.

Deloitte found the Micro Focus ADM suite a winning combination for its consultants to pair with client transformation and modernization efforts. Key Micro Focus ADM elements include:

(Check out [Accelerate Your Application Delivery](#))

- ▶ **Unified Functional Testing (UFT)** provides tools to automate functional testing from the UI all the way to the API level.
- ▶ **Application Lifecycle Management (ALM)** helps govern software quality activities to meet compliance and policy objectives, while implementing rigorous auditable application testing processes.
- ▶ **Educational Services** offer flexible, on-demand training with SME support to bring technology users and developers up to speed.

VIEW THE WEBINAR ONLINE!

The ActualTech Media-hosted webinar, "[Accelerate Your Application Development and Quality with Deloitte and Micro Focus](#)," aired on Dec. 9, 2021. Hear from Deloitte and Micro Focus subject matter specialists as they discuss the ins-and outs of a robust, well-designed quality engineering approach to the software lifecycle, and appropriate ADM tools to support such approaches. You can also [download the webinar Q&A report](#).

HIGHLIGHTS INCLUDE:

- ▶ Understand and come up to speed on QE trends
- ▶ See what testing accelerators built on ADM products can do for your business
- ▶ Benefit from case studies in healthcare, retail/e-commerce, and equipment/media industries
- ▶ Appreciate the value of partnering with Deloitte and Micro Focus for QE and testing, SAP S/4HANA testing, cybersecurity, and more

