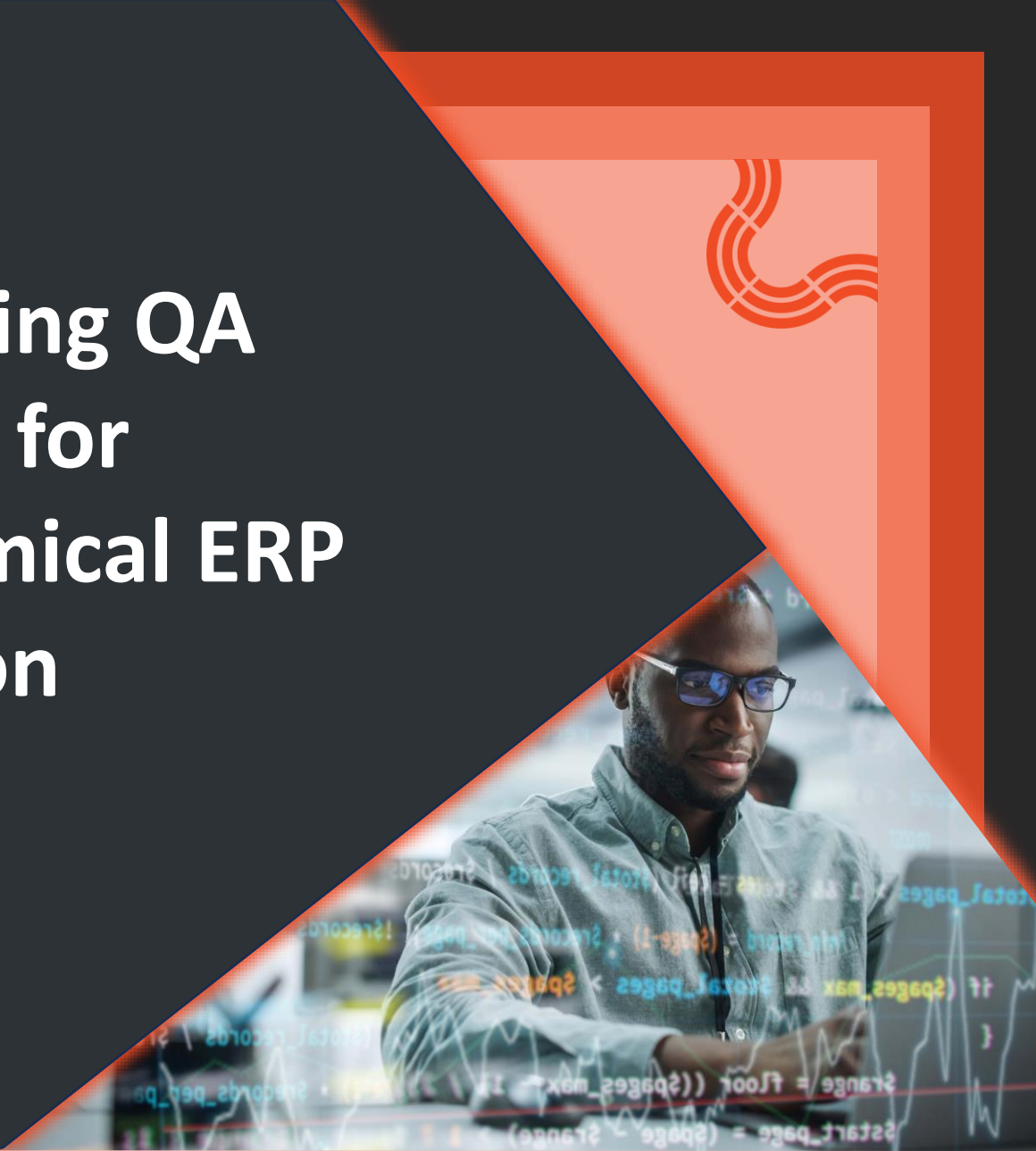# Streamlining QA Processes for Petrochemical ERP Application

CONTATA

OVERVIEW

With nearly 200 years of domain experience, the client is a leading provider of logistics management software to Fortune 500 and medium-sized Oil & Gas companies. As a part of its initiative to revamp business operations for potential growth, the client wanted to team up with an experienced and reliable IT partner capable of providing expert resources to address its product development and QA testing needs.

CHALLENGES

Expecting the best-of-breed testing solution for its application, the client required dedicated capabilities to support its QA activity. The requirements included conducting a rigorous QA of the web application in ERP – Petrochemicals domain. In addition to planning and scheduling releases, the client demanded QA on weekly test cycle-based planning. Contata had to have a tight grip on the domain knowledge of the application before proceeding with the QA. Compliance with standards and processes of the clients' business was yet another area of focus for the team. The challenges included:

- Deployment of weekly builds in ODC QA environment
- Logging bugs
- Transparency in processes
- Participation in Internal UAT

INDUSTRY

- Logistics
- Oil & Gas

SERVICES

- QA Testing

TECHNOLOGY

- TestLink 1.7.4
- Mantis 1.1.1
- Cruise Control
- SVN

INSIGHTS

The application was one of the main products sold and serviced by the client. Contata performed rigorous QA testing of the application to ensure that there are no errors in the production environment.

SOLUTION

Contata set up a dedicated environment to conduct and deliver software testing services to the client. With a process-based solution structured around the requirements planned and scheduled by the client, Contata kept the communication transparent.

Working on a process-based model and structured requirements analysis, Contata significantly reduced post-production defects in the application. Besides executing the requirements planned by clients' QA manager, Contata self-identified requirements for new modules.

Test planning, task allocation and tracking, testing, bugs logging and tracking to closure was all done through Mantis - an online tracking mechanism. The status was reported to the client by the Team Lead regularly.

BENEFITS

- Minimized resource-related risks owing to team augmentation model
- Enhanced business competence with time to focus on core processes
- Cost efficiencies

About Contata

Contata Solutions is a trusted leader in technology and digital innovation. Through our work in data engineering, data analytics, machine learning, marketing automation and app development, we deliver solutions that address complex problems in ways that are simple, insightful and impactful.

Our promise and value proposition to our customers is simple: we leverage our deep technical expertise and global presence to bring software products and data-driven decision capabilities to life.

Founded in 2000, Contata is a privately-held company headquartered in Minneapolis that serves clients globally from offices in the United States and India.