REVOLUTIONIZING SOFTWARE QUALITY: HOW NNPC TRANSFORMED QA WITH SPIRAPLAN

CASE STUDY

THE COMPANY

- **Company**: Nigerian National Petroleum Corporation (NNPC) Limited
- **Industry**: Utilities/Energy, Oil & Gas
- **Geographies covered**: Nigeria
- **Team & Projects**: Numerous large-scale projects across its subsidiaries

THE PROJECT

To enhance efficiency and software quality assurance, NNPC sought a solution to modernize its testing processes and eliminate operational bottlenecks.

THE CHALLENGE

NNPC faced:

- **Inefficiencies & Fragmentation:** Manual, inconsistent SQA workflows delayed projects.
- **Missing Documentation**: Incomplete test cases and requirements slowed validation.
- **Lack of Automation**: Extended testing cycles delayed project delivery.
- **Limited Visibility:** Manual tracking hindered informed decision-making.

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THE SOLUTION

Inflectra's partner - Tezza implemented an end-to-end SQA Automation Solution:

- Standardized project tracking, test management, and requirements documentation with full traceability.
- Rebuilt missing documentation, introduced best practices.
- A six-month support phase to ensure smooth adoption.

FUTURE PLANS

NNPC plans to expand SpiraPlan's use and integrate additional Inflectra solutions with continued Tezza support.

RESULTS & BENEFITS

The implementation, executed by Inflectra's partner, Tezza delivered significant improvements:

- **60% Faster Testing Cycles:** Accelerated project timelines.
- **Enhanced Software Quality:** Reduced defects and increased reliability.
- **Improved Visibility:** Real-time project insights enabled better decision-making.
- **Cost Reduction**: Lowered manual testing efforts and operational costs.
- **Empowered Teams**: NNPC teams gained full control of SQA processes with ongoing partner support.

IMPLEMENTATION PARTNER: TEZZA BUSINESS SOLUTIONS

Tezza Business Solutions Ltd is a leading provider of software development, quality assurance, and testing services. Founded in 2000 in the U.S., Tezza now operates in Kenya, Nigeria, Tanzania, and Uganda, serving industries such as banking, insurance, healthcare, and telecommunications. Specializing in test automation and early-stage testing, Tezza helps clients improve software quality, reduce costs, and accelerate time to market with a customer-first approach.