

Reported by D3 Embedded

## Aqua Transforms Testing Efficiency - First-Hand Experience

### ABOUT THE CUSTOMER

D3 Embedded is an embedded systems company that has been developing end-to-end solutions since 1999. They integrate sensors, connectivity, embedded processing, and AI for performance-critical applications in automotive, industrial, medical, aerospace, and defense markets.

### ” CUSTOMER QUOTE

*“Compliance with ITAR was verifiably ensured. In addition to the improvement in security, D3 Embedded benefits from more efficient test execution. Thanks to the traceability ensured by aqua, the complete test procedure could be easily documented.”*



Data Security & Compliance



Test Case Catalogs Created



Traceability Achieved

Before

### NO TRACEABILITY

D3 Embedded faced strict compliance challenges as their engineering design services and products required a test case management tool that could meet high-security standards from the U.S. Department of State's International Traffic in Arms Regulations (ITAR).

They also needed accurate traceability between test cases and requirements, as well as improved efficiency and quality in test execution. Their existing tools and processes struggled to meet these rigorous demands, leading to:

-  Difficulty ensuring compliance with ITAR security standards
-  Lack of traceability from requirements to test cases
-  Test execution processes requiring optimization and quality enhancements
-  Hard to compete for market leadership

After

### FULL TRANSPARENCY

By implementing aqua's Test Management solution for their engineering service projects, D3 Embedded ensured compliance with ITAR requirements, including traceability of project history and on-premise software license operation in the U.S. Clean interface and traceability matrix made validating requirements against completed test cases effortless.

The assured quality and adherence to U.S. governmental standards has become a competitive advantage for D3 Embedded.

-  Verifiable compliance with strict ITAR security standards
-  Seamless traceability from requirements to test cases
-  Efficient test execution and complete test procedure documentation
-  Competitive advantage through assured quality and regulatory compliance



Marcel Chmielewski

Sales Executive

 [m.chmielewski@aqua-cloud.io](mailto:m.chmielewski@aqua-cloud.io)

 +49 1512 3456789

[Book a Live Workshop with me!](#) 

**FIND OUT HOW AQUA-CLOUD CAN HELP YOUR ORGANIZATION TO SAVE TIME ON TESTING**