



**Mindtree**

A Larsen & Toubro Group Company

# Accelerated time-to-production via automation testing

# The Client

The client is one of the world's leading medical device manufacturer from the Netherlands. Mindtree helped the client through consolidating multiple automation frameworks and enhancing the automation across multiple applications.

## Key Challenges

**01** Multiple application and multiple frameworks used for automation across different tracks

**02** Validation process in accordance to FDA guidelines

## Our Solution

- Implemented single solution DAF (Digital Automation Framework) with BDD (Behavioral Driven Development)
- Implemented Valgenesis tool for paperless validation, which supports e-Signature and audit trail capabilities
- Delivered quality workflow for all OQs' (Operational Qualification) along with paperless validation and approvals
- Enabled workforce transformation: Upskilled 80% of resources to T-Shaped (Resource upskilled with functional, domain and automation skills)

## Client Benefits

Achieved **>50%** in-sprint automation with enhanced product quality through workforce transformation

Achieved **60%** reduction in regression effort for every cycle, thereby achieving ROI in 3 months

Reduced manual effort up to **70%** for regression testing for every release

Automated **82%** regression suite while covering key business scenarios

## About Mindtree

Mindtree [NSE: MINDTREE] is a global technology consulting and services company, helping enterprises marry scale with agility to achieve competitive advantage. "Born digital," in 1999 and now a Larsen & Toubro Group Company, Mindtree applies its deep domain knowledge to 260 enterprise client engagements to break down silos, make sense of digital complexity and bring new initiatives to market faster. We enable IT to move at the speed of business, leveraging emerging technologies and the efficiencies of Continuous Delivery to spur business innovation. Operating in 24 countries across the world, we're consistently regarded as one of the best places to work, embodied every day by our winning culture made up of over 27,000 entrepreneurial, collaborative and dedicated "Mindtree Minds."

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