

# How the right test strategy, tools and new methodologies helped our client transform into the digital era

**CLIENT**  
MAJOR FOOD BRAND

**INDUSTRY**  
FOOD MANUFACTURING

**TTC SOLUTION**  
TEST STRATEGY, METHODOLOGY  
AND TOOLS TRAINING





# Shifting to digital operations to retain market share

TTC's client is a major food brand leader based in the US. To this client, food is more than just sustenance, it's a vehicle for good. Grossing over US\$40 billion annually, this market leader is a modern, multi-national, protein-focused food manufacturer with more than 121,000 employees.

Producing 1 in 5 pounds of all chicken, beef, and pork in the US, this client has the most recognized brands on store shelves and is a leading provider to many national restaurant chains. It strives to make great food for a variety of foodservice customers, including schools, military bases, hospitals, nursing homes and international customers.

In 2018 and as part of an effort to move from analog to digital, the client was seeking a way to achieve better quality SAP upgrades. This included moving to S4/HANA. Speed to market was critical during this transition and the client knew that additional expertise was needed to ensure the right components were tested and prioritized.



## Key client challenges

As this organization continued to scale, setting up a strategy and implementing test automation was critical to improving operations. To retain competitive advantage, the client needed to ensure its supply chain was always running smoothly. Many of the teams in the software development lifecycle were working in silos and previous efforts of test automation had been unsuccessful. Test automation and a move to Agile were necessary, but the client needed outside help to get started.

The client had selected top rated automation tool, Tricentis TOSCA, but was still only seeing 30% of regression tests passing due to automation and maintenance issues. These issues were causing re-work, a heavy level of maintenance and could potentially impact the on-time delivery of products to end users.

“The goal for us adopting DevOps and Agile was for us to deliver faster to the marketplace, one of the biggest wins we have had so far is the increased speed of delivering test data to our teams.”  
We had a single team that took 2 days to create data and they are now able to do it in 30 min.”

– Quality Assurance Manager

## TTC's approach

TTC saw the test strategy to be the biggest impediment to success. We advised a three-pronged approach of rewriting, rescoping, and reprioritizing test cases. Additionally, TTC worked with functional teams to troubleshooting and ensure internal teams were not only properly trained on the new tools, but also working with an agile mindset.

TTC and the client set the following goals:

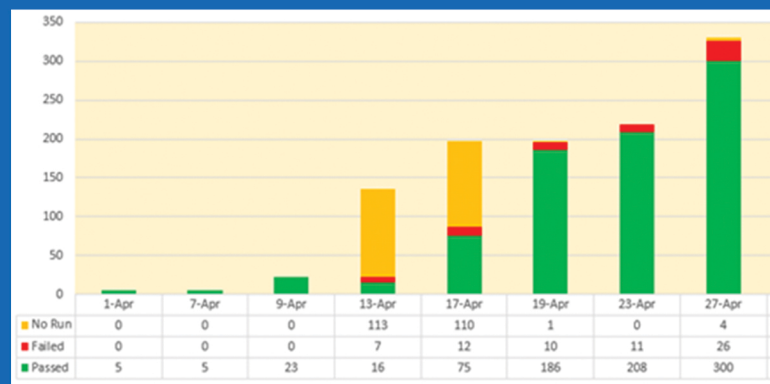
- Develop test cases to support training data
- Update ALM integration
- Restructure TOSCA common repository
- Stabilize DEX
- Develop documentation
- Develop test automation best practices specific to their organizational needs
- Have weekly Q&A training sessions

“Within 3 months TTC helped us to automate 500 SAP test cases based on a risk assessment and we were well above that goal in a shorter period than 3 months.”

– Vice President of IT Enterprise Applications and Platforms

## The results speak for themselves

Once the goals were achieved and scripts were updated, along with changing the schedule to process the tests on bi-weekly runs, the passing rate of the regression tests improved from 30% to 90%.



Through a combination of TTC's services and Tricentis TOSCA, the client has been able to successfully implement test automation for SAP and make the move from waterfall to agile, achieving the following:

- Increase speed to market
- Successful migrate to S4/HANA
- Enhance the passing rate of regression tests from 30% to 90%
- Automate over 500 test cases in less than 3 months
- Reduce data creation time from 2 days to 30 minutes.

**“The major business case was to help our people, and we were able to achieve that through test automation with TTC.”**

**– Vice President of IT Enterprise Applications and Platforms**

## Let's talk

For more information, talk to a member of our team today.