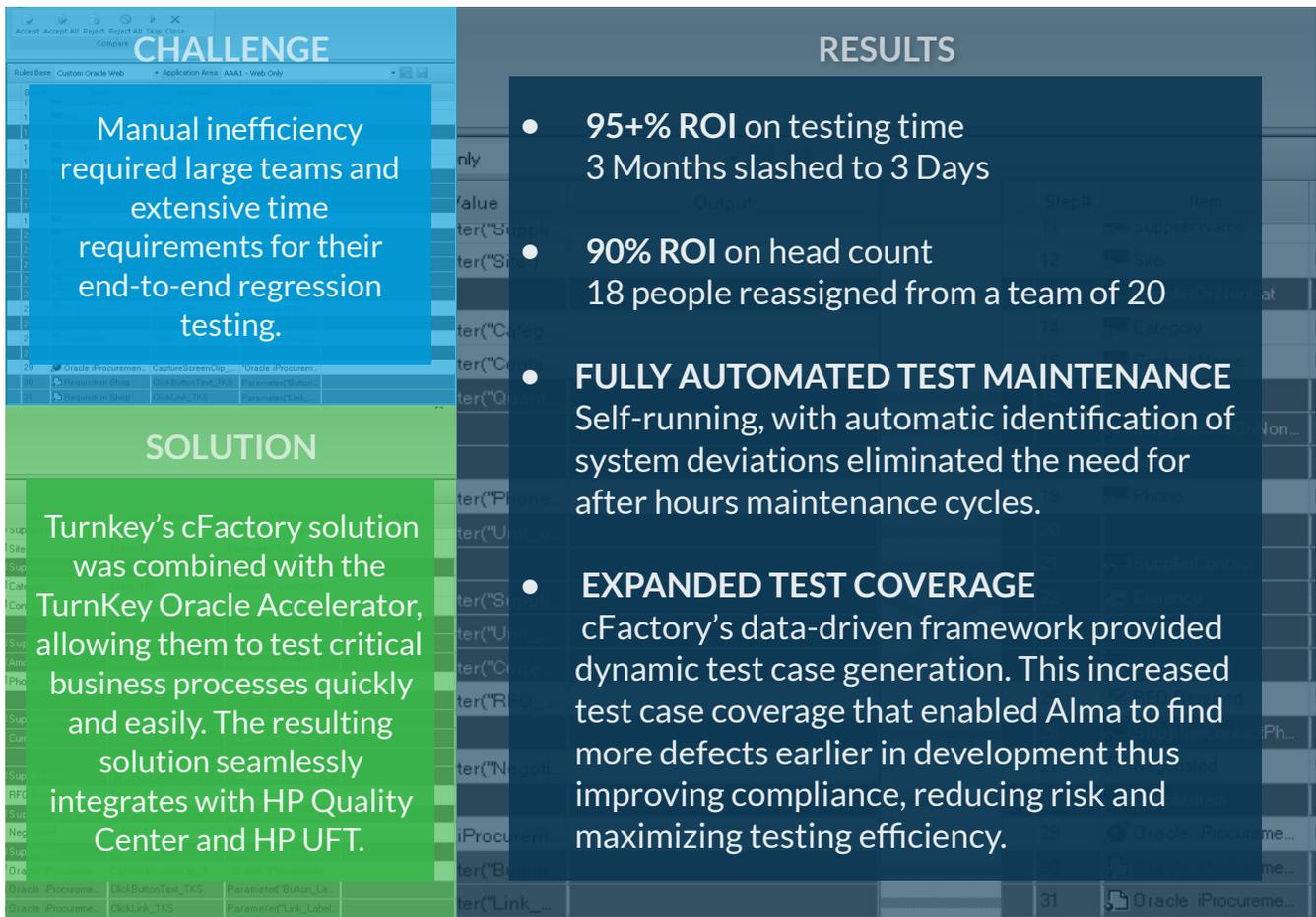


# ALMAC

## Automates End-to-End Regression Testing

### ALMAC: PARTNERING TO ADVANCE HUMAN HEALTH

The Almac Group manufactures pharmaceuticals and provides a range of integrated services to the pharmaceutical and biotech sectors. Due to Almac’s rapid 30-year growth and success, they employ over 3,900 highly skilled personnel in their headquarters in Craigavon, Northern Ireland, the UK, across the US (Pennsylvania, North Carolina and California) and in Singapore and Tokyo.



**CHALLENGE**

Manual inefficiency required large teams and extensive time requirements for their end-to-end regression testing.

**RESULTS**

- **95+% ROI** on testing time  
3 Months slashed to 3 Days
- **90% ROI** on head count  
18 people reassigned from a team of 20
- **FULLY AUTOMATED TEST MAINTENANCE**  
Self-running, with automatic identification of system deviations eliminated the need for after hours maintenance cycles.
- **EXPANDED TEST COVERAGE**  
cFactory’s data-driven framework provided dynamic test case generation. This increased test case coverage that enabled Alma to find more defects earlier in development thus improving compliance, reducing risk and maximizing testing efficiency.

**SOLUTION**

Turnkey’s cFactory solution was combined with the TurnKey Oracle Accelerator, allowing them to test critical business processes quickly and easily. The resulting solution seamlessly integrates with HP Quality Center and HP UFT.

“By looking at the screens across vendor demos, the way TurnKey analyzes the screens for you and then creates the components, it’s really head and shoulders above the rest, in terms of maintainability, efficiency and ease of use,”

*Brendan Woods, who is Group Head of Systems Delivery at Almac*



# ALMAC

## Automates End-to-End Regression Testing

### THE ALMAC CHALLENGE: MANUAL INEFFICIENCY

The ERP system is the driving force behind the majority of Almac’s core critical business operations. It tracks each patient’s treatment and ensures the company is “delivering the right drug, to the right person, at the right time.” Previous inefficiencies resulted in a 20 person, 12 week regression testing cycle.

### FROM SUCCESSFUL IMPLEMENTATION TO PLANNING THE FUTURE

Once the TurnKey system was up and running, the Almac team was able to quickly create components and start linking them together to build test cases. “Within a few months, a full end-to-end business scenario was created through the entire system, from creating a customer to billing an invoice,” said Shauna.



End-to-end testing initially took 12 weeks to complete. With TurnKey, this is now done in 3-4 days.

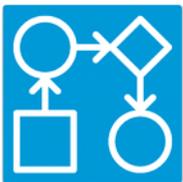
Testing required 20 people to assist in the process; this has been reduced to minimal effort by business resources and 1 person.

**ALMAC GROUP LEVERAGES SCRIPTLESS TEST AUTOMATION TO IMPROVE APPLICATION QUALITY AND DELIVERY**

**ALMAC CHALLENGES**

- 9 MONTHS TESTING TIME**
- 7 MANUAL TEST CYCLES**
- 3 MONTH END-TO-END TEST CYCLES**

### THE TURNKEY TEST AUTOMATION MAKES THE DIFFERENCE FOR ALMAC



**SUPERIOR COMPONENT CREATION:** After experiencing a demo of the TurnKey solution, their choice became clear. “By looking at the screens across vendor demos, the way TurnKey analyzes the screens for you and then creates the components, it’s really head and shoulders above the rest, in terms of maintainability, efficiency and ease of use,” said Brendan Woods, who is Group Head of Systems Delivery at Almac.



**SUPERIOR DATA ANALYSIS AND TEST COVERAGE:** TurnKey cFactory’s scriptless approach to testing automation offers what is essentially drag-and-drop interface, “if the screen changes, the TurnKey software makes it very easy to see what’s different and accept or reject the suggested changes.” This helps to maximize test coverage, giving the fewest number of test sets that you need to create and maintain.



**SUPERIOR IMPLEMENTATION AND ADOPTION SUPPORT:** After installing the solution, TurnKey provided training onsite for Almac’s automation team, helping with the implementation of initial test cases. According to Shauna Quinn, Software Test Manager, “Turnkey’s Customer Success team was very supportive. They helped us throughout the implementation phase and they were always there when we needed them.” TurnKey also assigned a subject matter expert who helped manage the team, addressed issues as they came up and carefully tracked their progress.