

# Automated QA for a Leading Provider of Renal Care Services

~2 | Years of relationship

## Business Problems

Client needed to minimize manual intervention by automating its Build Verification Test (BVT) processes, to achieve:

- Consistency across all QA processes for both web and mobile (iOS and Android) applications
- Reduction in server verification checks and greater efficiencies testing processes
- Significant improvement in the defect management processes

## CitiusTech Solution(s) & Value Delivered

CitiusTech's solution had the following highlights:

- ▶ Development of an **automated and platform agnostic mobile framework** for functional / non-functional tests, concurrently on multiple devices
- ▶ **Jenkins integration** to execute **multiple checks** on the new build on pre-production environment
- ▶ **API testing** to validate the **functionality of REST web services** using REST Assured plug-in
- ▶ Ability to manage test data and maximize reusability



**83%**

*time saving on server verification checks*

**80%**

*improvement in defect removal*

**28%**

*Improvement in efficiency*

**80%**

*Reduction in testing time*