Zensar’s Scriptless and End-to-End Automation platform to automate PEGA regression suite.

Zensar has been part of the client’s success story in Pega for the past 4 years. Within a span of 4 years, Zensar has been a part of multiple Pega projects for the client spanning several departments.

**Company:**
The client is an American multinational technology conglomerate headquartered in Silicon Valley, who develops, manufactures and sells networking hardware, telecommunications equipment and other high-technology services and products.

**Headquarters:**
San Jose, US

**Challenges**
- Testing is mostly done manually for individual applications managed by application teams
- Test coverage limitation due to timelines and manual regression: 20000 + Test Cases
- No standardized tool strategy for applications in scope
- Lack of robust Automation Frameworks for continuous testing in Agile & DevOps environment

**Solution**
- Mature script-less automation framework was deployed
- Modular script development approach enabling maximum reusability and accelerated development.
- Manual testers / functional SMEs were trained in automation authoring and execution
- Continuous testing model was deployed to support in sprint automation
- Multi-layer automation (Unit, Services & UI)
- Tools – Selenium, Pega API, Pega Unit, SoapUI

**Top Benefits Achieved**

- **30%** Savings in Testing cycles against conventional automation testing
- **85%** Savings in testing cycles against manual testing
- **~20%** Reduction in Total Cost of Testing