

## SDN Capabilities Automated and Delivered



### BUSINESS REQUIREMENTS



Design and develop the automation framework consisting of more than 10K end-to-end Network test scenarios with no proper documentation of test cases.



Regression test suite for new device versions along with new feature testing.



Test sufficiency analysis and 100% test coverage.



### OUR SOLUTIONS



Tight coupling of the test scripts with device Configurations, data and the hard coded values for waits and time outs in test scripts.



Challenges w.r.t test sufficiency assessment and planning of quality improvement by test Sufficiency analysis and feature prioritizations had to be considered.



100% script less automation of API test cases was incorporated.



### TOOLS / TECHNOLOGIES



Java Happiest Minds Pro-Test automation framework



MySQLTomcat



OrCAD Capture, Allegro



### BUSINESS IMPACT



Test approach of timer optimization and infrastructure set up standardization has improved the overall test regression time by 34%.

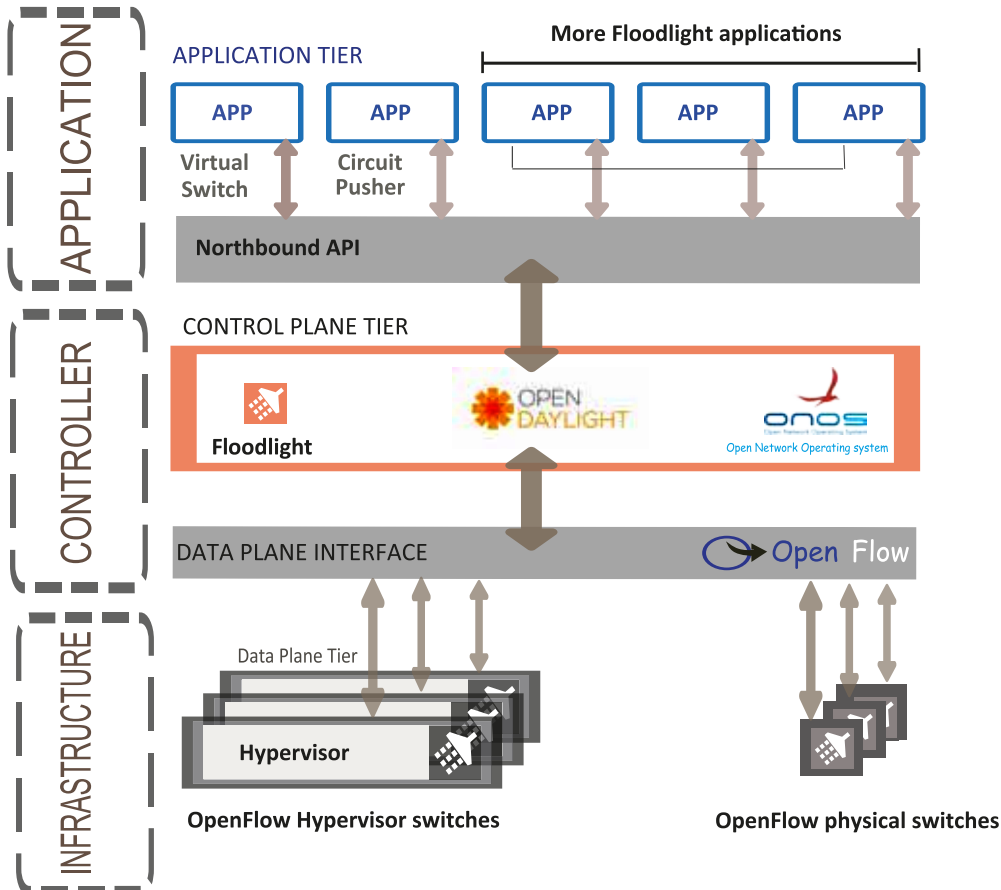


Improved new feature testing time by 14% in 6 months as test scripting became standardized



Happiest Minds team handled three major version releases with zero P1 defects leaked. Also, we equipped customer QA Team with detailed metrics on the ROI from automation, test sufficiency analysis reports and plan quality improvement cycles for new features.

## SOLUTION OVERVIEW



### About Happiest Minds Technologies

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

business@happiestminds.com