# Case Study: Mediation Server Platform High Availability Validation

## High Availability Validation Platform for a US based Global Mobile Broadband Leader

### Business Requirements
- Develop a high availability system that validates and provide geographical scalability
- Develop a system that is fault tolerant
- Create a system that provides service at different levels of hardware, software and networking

### Our Solutions
- Ensuring the quality of the product by validating high availability at Hardware, Software and Network layer
- Writing the automation scripts to reduce the time taken for the completion of tasks.
- Providing earlier field release and full support to the customer

### Tools/Technologies
- Perl, Shell Scripting, Python
- Protocols – TIPC, STP
- IXIA, wireshark, Tcpdump, JIRA

### Business Impact
- 100+ defects were identified and fixed
- Deployed a better quality product for field trial
- One of the first product from the labs of the Service Provider

### 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.

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