

SDN Transformation for leader in Packet Monitoring



BUSINESS REQUIREMENTS



Create a Network Packet Monitoring solution which leverages SDN controllers and White Box Switches rather than a proprietary hardware / software solution



Develop a Network Packet Broker Application implemented on top of an SDN controller



Test in a combination of virtual and physical Open Flow Enabled Switches



OUR SOLUTIONS



Enhanced the Open Day Light Controller to meet the application needs including Security Hardening, inclusion of new modules to provide infrastructure for applications



Developed SDN application for policy configuration



Transformed the legacy SNMP based control and management application to an SDN app



TOOLS /TECHNOLOGIES



SDN Controller:
Open Day Light Controller, Netty TLS, Java Technologies



SDN application:
Java technologies, REST Abstraction layer for working with multiple controllers in future



Testing: IXIA, Mininet, POSTMAN, Python, IPERF



BUSINESS IMPACT



The Customer is able to penetrate packet monitoring market with a low cost solution



End to End centralized deployment of tools and concurrent access to the same data by multiple constituencies within an enterprise



Improvement of various features enriched look & feel and usability of product with cloud based application

About Us

Happiest Minds enables Digital Transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights through an integrated set of disruptive technologies: big data analytics, internet of things, mobility, cloud, security, unified communications, etc. Happiest Minds offers domain centric solutions, IPs in IT Services, Product Engineering, Infrastructure Management and Security. These services have applicability across industry sectors such as retail, CPG, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality. As a Mindful IT Company, the focus is on 'Being Mindful' and 'Doing Mindful' which involves perceiving immersively, processing non-judgmentally and performing empathetically. 60 minutes in a week is committed towards inculcating a mindful approach within the organization, using a select set of tools and techniques. Headquartered in Bangalore, India, Happiest Minds has operations in the US, UK, The Netherlands, Australia, Middle East and Turkey.