

Cost effective SD-WAN solution for a leading Internet service provider



BUSINESS REQUIREMENTS



Develop a cost effective SDWAN solution, enabling enterprises to save on Capex and Opex



The edge device has to be low cost and programmable



Development of Traffic Measurement for analysis enabling intelligent steering decisions



OUR SOLUTIONS



Developed SDN application for the Open Day Light Controller enabling dynamic and policy based route selection.



Integrated DPDK and OVS on x86 based COTS to deliver high performance and near line rate edge device



Developed traffic analysis tool and integrated network analytics solution on the controller to provide network visibility and intelligence.



TOOLS / TECHNOLOGIES



SDN Controller: Open Daylight



Open vSwitch (OVS), DPDK



Java, Python, C, C++, Angular JS



BUSINESS IMPACT



Our Ultra low cost solution enabled the client to be a leading SDWAN service provider and open up business opportunities in the SDWAN space.



8x bandwidth cost savings demonstrated to the customers with minimal CAPEX expenditure of <\$100 per site



93% of line rate throughput using IMIX traffic profile using DPDK

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.