



## Cost Effective Network Monitoring System for a Leader in Packet Monitoring Systems

### BUSINESS REQUIREMENTS



To develop cost effective and value added virtualized network monitoring by deprecating dependency on physical existence of network components



Manage the performance impact of moving from physical to virtual implementation



Compatible with OpenFlow based SDN controllers

### OUR SOLUTIONS



Implemented using DPDK based packet processing for faster packet processing and delivers high packet throughput



Used Virtio based virtual network device for high efficiency in handling packets in virtualized environment and compatibility with DPDK



Supports different tunneling mechanisms (GRE, MPLS, VXLAN etc) and scalable to new ones. Detailed and easy NMS/EMS support through GUI and CLI interfaces

### TOOLS/ TECHNOLOGIES



Data Path: Intel Data Plane Development Kit (DPDK)



NMS/EMS: Appweb, XML RPC, Java technologies, REST



Virtualized Infrastructure: KVM/QEMU, OpenVSwitch, Virtio, Ubuntu

### BUSINESS IMPACT



Customer is able to penetrate into market of Virtual Network Monitoring Systems



Easily deployable for various different networks ranging from a small office network to a big enterprise network



Due to support of a range of tunneling mechanism, the solution is easily compatible to network components of a wide range of OEMs



### 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 applying skills, IPs and functional expertise in IT Services, Product Engineering, Infrastructure Management and Security. These services have applicability across industry sectors such as retail, consumer packaged goods, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality. Headquartered in Bangalore, India, Happiest Minds has operations in the US, UK, Singapore, Australia and has secured \$ 52.5 million Series-A funding. Its investors are JPMorgan Private Equity Group, Intel Capital and Ashok Soota.

