

Enabling Real-Time, Scalable and Precise Network Visibility for Network Analytics Solution Provider



BUSINESS REQUIREMENTS



Synchronized Precision
Measure live traffic with
microsecond accuracy and
millisecond intervals



Real –Time Scalability
Measure every packet,
every flow, and any location
on a global network in real
time



Experience
Rich user experience for all
levels and APIs for easy
integration with other
operations and Manage-
ment Systems



OUR SOLUTIONS



- Developed Packet processing software on Octeon and Intel DPDK platform
- Integrated DPI Solutions for application aware measurement



Developed Streaming Data collection platform and cloud orchestrated dynamic scaling solution



Developed interactive UI and APIs to present the visual analysis and real-time results



TOOLS/ TECHNOLOGIES



- IPOQUE & nDPI
- Intel DPDK
- Octeon
- C/C++



- Apache Spark
- Openstack
- Ansible
- Docker



HTML, CSS,
Javascript
MySQL, RDBMS



BUSINESS IMPACT



Created vendor-neutral solution to evaluate the performance of different types of equipment to meet the current and future traffic load

Application level granularity for precise visibility, monitoring and control of packets for better QOS, SLA and Network optimization supporting customer's current and future network infrastructure



Rich UI dashboard with filter and drill downs for executives to perform deeper Network analysis resulting in rich end user experience

About Us

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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