



Architecting the digital future...

Software Defined Network

Also features **Gartner** case study on
SDN @Pi at **IODC Summit 2016** | Mumbai, India.



White Paper Software Defined Network

In the quest to be at par to industry and address the networking demands posed by evolving computing trends, network architects today are constrained by the technology status quo. Traditional networks are being bogged down owing to their heavy vendor dependence, complexity and inability in achieving scalability at a level that is in sync with the dynamic nature of the industry, resulting in a stasis. This highly varying and unstable environment is voicing the need for a new network paradigm that can soak in the aberrations due to the change in network patterns which is the after effect of IT consumerization trend.

It is this impending change that Software Defined Network (SDN) brings to the industry.

Pi, as a young, disruptive and dynamic technology enterprise, has been creating waves in the industry as a Software Defined Strategic Data Centre. Keeping up to the global industry pace and with a vision of being India's response to the global cloud behemoths, Pi has crafted its enterprise cloud platform and infrastructure grounds up. Resorting to a strategic cloud data center approach and with a software defined environment right from the network layer to the compute Pi brings to its customers a fully integrated software defined enterprise cloud environment armed with automation, orchestration and workflow.





Case Study: Pi DATACENTERS



Gartner.

Integrating OpenStack based Neutron network orchestration, virtual device control and management using ML2 plugins, Pi has enabled itself to leverage the cloud controller and orchestration modes of OpenStack to deliver a virtual network overlay.

The novel approach has enabled a more agile and way less failure prone environment through a fully closed loop software defined architecture that works on rule and policy based processes and heals itself to perfection in any eventuality.

Dynamic scalability, a primacy for today's industry, thus stands addressed. It is resulting to cost and operation optimization, making enterprises competitive in their respective industries, being quicker to the market.

