



# OSM Implements Next-generation Networking to Enable Productivity and Innovation



CASE STUDY | OSM MARITIME





## OSM Maritime Solution Snapshot

In order to continue to be a leading provider of technical/crew and digital asset management services, OSM needs to pursue innovation to be fairly considered as a one-stop-shop offering quality services to the offshore and maritime industries. Leveraging cloud-based applications would enable OSM to better empower their staff and serve OSM customers with excellence. But OSM had one difficult problem - how to effectively extend physical MPLS circuits and point-to-point VPNs to dynamic cloud applications? As an innovator, OSM decided against attempting to extend old paradigms into their new application environment, but instead to identify a cloud native networking solution which was purpose-built to meet OSM's needs for agility, cost effectiveness, performance and security. According to Abi-Saab, CTO- OSM the core of each new technology, is the ethos that "technology is a way to give people the right information so that they can make decisions based on what's happening at that particular time, operationally and financially".

### Till when do we need to tradeoff between cost and performance.

The world is moving towards SaaS, on-demand, anytime, anywhere terminologies. OSM always strives to become a pioneer in producing the best outcomes trickle down from the latest of the tech advancements.

In spite of investing in MPLS at key delivery locations, SaaS environments have become a challenge to optimize. Also, the quality of internet in some of the major OSM operating locations were hurting the workforce's efficiency of the workforce. **The support staff faced challenges in their day to day operations with respect to application performance issues due to poor network.** NetFoundry was able to bring to the table the best of both worlds. Netfoundry was able to improve performance by almost 10 times compared to traditional VPNs and shorter lead times to connect any application on demand within a few minutes. This gave OSM, the capability to leverage AppWANs in more than 15 different use cases.

### The need for anywhere, anytime access to applications

OSM had a mix of IPVPN and MPLS VPN solutions that involved dependency on firewalls, manual configurations, and long lead times for deployment. As they embark on the journey to cloud adoption, connection to cloud for users anywhere, anytime is imperative.

Contact us

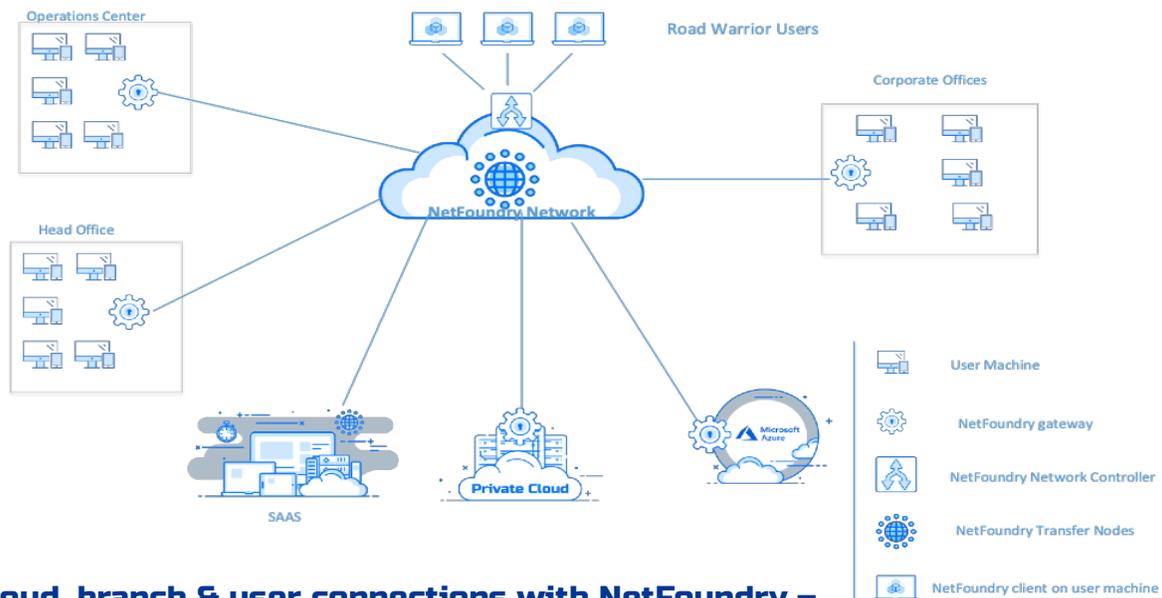
Share



For more information, visit us at [www.netfoundry.io](http://www.netfoundry.io)

© 2019 NetFoundry

## NetFoundry for OSM – Connect Efficiently



## Hybrid cloud, branch & user connections with NetFoundry – APPWANS

NetFoundry provided a solution that involved spinning up global network fabric, leveraging our elastic transfer nodes. The proposed orchestration of the platform was through an “easy to use web-based console”. This fabric was then used to connect various gateways and clients deployed on a virtual machine in data centers, Microsoft Azure, operation centers, corporate offices, and individual PCs.

Also, for some of the SaaS applications, NetFoundry created public internet facing transfer nodes closer to cloud nodes. This optimized the long-haul SAAS traffic.

**Their average time for power BI to display LIVE ship information was significantly reduced from 2 minutes to 3 seconds after NetFoundry connected applications and users.**

## Consolidation of networks & cost optimization with NetFoundry

OSM found a solution with NetFoundry to resolve the network stability & performance issues. NetFoundry’s application specific networks provide an agile and secure way of connecting to applications in hybrid cloud. In addition, NetFoundry has also helped OSM to do away with multiple IP VPN & MPLS networks to a uniform ubiquitous internet + NetFoundry Overlay.

### Key Benefits

- Time to launch any new cloud / branch / user (5 minutes)
- Improvement in application throughput – 3x to 10x for various applications
- Hardware & service provider agnostic
- Cost benefit to replace traditional MPLS
- Zero Trust Dark Network Security (Software defined perimeter)

“The level of efficiency OSM Maritime Group gains from working with an innovative organization like NetFoundry cannot be understated. In today’s business, all industries have one commonality, and it is critical to give everyone in the organization the ability to access all applications when they need it, whenever they need it, no matter where in the world they are, and to have this access securely is no longer optional but a must. For that reason, we are pleased to be working with NetFoundry as a global partner”

Chakib Abi Saab, CTO, OSM Maritime Norway, Singapore

Address —  
101 S Tryon Street, Suite 2700  
Charlotte, NC 28280

Telephone —  
+1.704.762.1405

Contact us

Share



For more information, visit us at [www.netfoundry.io](http://www.netfoundry.io)