

# Pluribus Open Data Center Interconnect (DCI)

For Disaster Recovery, Business Continuity, Workload Mobility and Capacity Planning

## Data Center Interconnect Should be Simple, Flexible and Cost-Effective

Today's enterprises have become a compilation of multiple data processing sites due to business expansion and/or corporate acquisitions. They are looking for simple and cost-effective ways to interconnect these sites to enable them to share resources, enable workload mobility and support disaster recovery plans.

In stark contrast to older approaches for DCI which required significant investments in complex rigid hardware, Pluribus Networks has created a fully software-defined technology, based on industry-standard VxLAN technology. Our approach simply stretches existing local area network layer-2 domains across these geographically dispersed locations at high speed. And because it is completely software-defined, the Pluribus DCI solution can address new requirements as they present themselves.

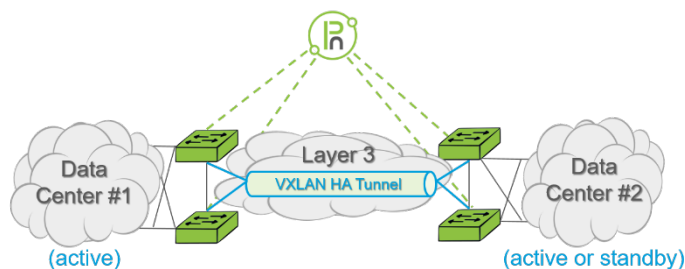
## The Pluribus Open DCI Difference

### Intelligent and Extensible

- Software-Defined enables today and tomorrow's needs to be addressed without hardware changes
- Bandwidth conservation technology to reduce wide-area network consumption

### Open and Cost-Effective

- Use industry-standard VxLAN technology
- Leverages commodity hardware economics



The Pluribus Open Data Center Interconnect solution can sync either as a data center "cluster-heartbeat" for Active-Active or offline for Active-Standby via standard VxLAN over L3 to any Open Networking switch running Pluribus Netvisor® OS.

## Pluribus Open DCI Features

- Interoperable with any existing IP network
- Scalable to any number of distributed sites with a single management interface
- Includes Application Flow Visibility of traversing traffic
- Fast failover (sub-second) for extreme resiliency
- Supports Industry-standard open switching hardware
- Leverages industry-standard VxLAN technology
- Intelligent traffic filtering to reduce wide-area network bandwidth requirements

## Pluribus Open DCI Benefits

- Reduce OpEx costs through simplified management and reduced wide-area bandwidth
- Reduce CapEx by avoiding needless hardware replacements for capacity expansion and/or functionality requirements
- Increase resource utilization by seamlessly sharing workload processing resources across sites
- Supports all modern applications which are intended for webscale or single-site deployment
- Embedded analytics for business services capacity planning and decreased MTTR for failures
- Improve application performance by distributing (or localizing) resources as needed

## Features

<b>Interoperability &amp; Transparency</b> <ul style="list-style-type: none"> <li>• Connects to any IP network</li> <li>• Easy multi-site management</li> <li>• Standard VxLAN Encapsulation</li> <li>• Runs on industry-standard hardware</li> </ul>	<b>Resiliency &amp; Scale</b> <ul style="list-style-type: none"> <li>• VTEP HA</li> <li>• Multi-path optimal distribution</li> <li>• Sub-second Failover</li> <li>• Failed Domain Isolation</li> </ul>
<b>Management/Control</b> <ul style="list-style-type: none"> <li>• Single DCI Management</li> <li>• Endpoint Tracking and Signaling</li> <li>• vFlow Policy Enforcement</li> <li>• Multi-tenancy</li> <li>• Pseudo-wire services</li> </ul>	<b>Insight Analytics (Visibility)</b> <ul style="list-style-type: none"> <li>• Application Flow Visibility for Data Center Interconnect (DCI) traffic</li> <li>• Intra/Inter-Site Capacity &amp; Performance Analysis</li> <li>• Forensic &amp; Security Analysis</li> </ul>