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Close Platform Visibility Gaps with Blue Medora's Solution for Hybrid Platform Operations

Simplify monitoring and increase the overall reliability of infrastructure and applications — wherever they run

The advantage of mixing and matching technologies for your infrastructure is clear — the flexibility allows you to customize a system that solve your specific business challenges. The downside is complexity. Quick adoption of technologies to meet developer needs can leave operation teams in the dust. A successful infrastructure is one that can not only be architected, but implemented and operated as well.

High Dynamism

Abstraction creates obscurity when it comes to the distribution of services across zones, clusters, pods, nodes, and containers — especially as it relates to host and resource dependencies. In large cluster environments, managing access to visibility in ways meaningful to the teams responsible for their support can be extremely challenging. And because of the ephemeral nature of containers, cells, and pods, understanding persistent and preventable issues can be difficult.

Cloud and Hyper-Converged Infrastructure

Supporting the dynamism of these "cloud native" platforms demands public cloud infrastructure-as-a-service (IaaS) or hyper-converged data centers. Whether an organization chooses platform approach like Pivotal Ready Architecture on Dell EMC VxRail, Pivotal Cloud Foundry on AWS, or Kubernetes on a hybrid cloud, operations teams risk losing sight to the dependencies between system resources and the platform.

The problem is, specialized tools built for monitoring infrastructure, applications, or cloud management lack the dimensional data necessary to see the entirety of hybrid platform operations.

Service-level compliance and efficient troubleshooting require total visibility through the levels and layers of the systems. It also requires relational visibility to the infrastructure hosting the development platform, whether in the cloud or at a local site.

Blue Medora's Hybrid Platform Operations solution simplifies monitoring and increases overall reliability to ensure operation success.

Integrations for Hybrid Platform Operations Management include:

- **Cloud infrastructure:** AWS ELB, S3, VPC, Budget, EC2, EBS, and Auto Scaling Groups

- **Hyper-converged infrastructure:** Dell EMC VxRail — full cluster visibility, including ESXi, VSAN, RAID group, and storage node details

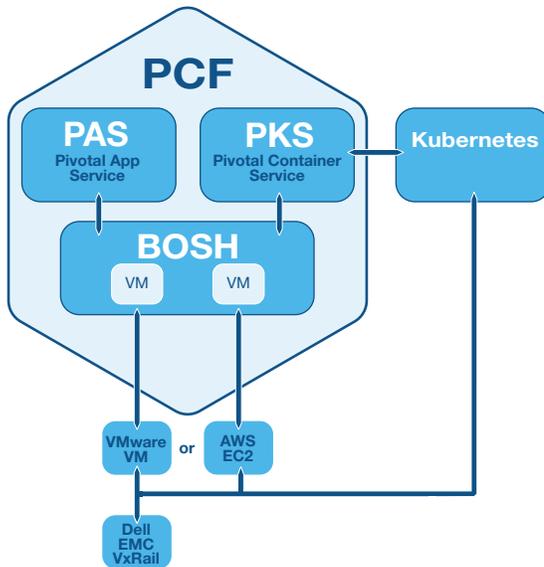- **Platform/orchestration:** PCF, PKS, Kubernetes

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Key Functionality

Blue Medora's Hybrid Platform Operations solution delivers operational visibility for platforms built on Kubernetes or Pivotal Cloud Foundry and Pivotal Container Services run either in AWS or on hyper-converged infrastructure like Dell EMC VxRail.

- Key metrics on the health and behavior of your platform, on-prem or public cloud
- Intelligent data collection from infrastructure to virtualization to orchestration — in the context of dependencies inside and across the platform
- Relationship data delivered via standard & custom dashboards and intelligent alerting (not possible with a single monitoring tool)
- An IT metrics app solution for VMware vRealize Operations or monitoring integration as a service (MIaaS) for analytics tools, including New Relic and Microsoft Azure
- Deep monitoring of enterprise knowledge base with relational visibility across the full IT stack
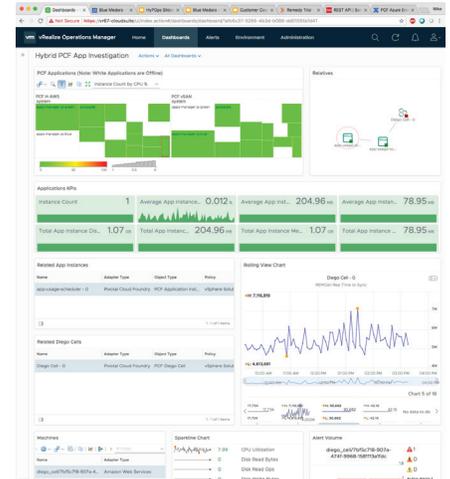
At-a-Glance Access to Your Hyper-Converged Infrastructure

Hybrid PCF App Investigation

Hybrid Kubernetes Pod Investigation

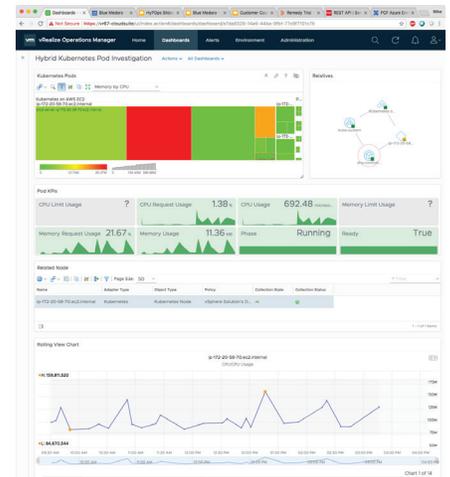## Maximize Performance, Minimize Investment

- Eliminate silos and boost IT productivity by up to 67%.[1]
- Maintain performance, reduce administration with agentless design
- Deploy in minutes without additional services or expertise
  - Management Pack for VMware vRealize Operations
  - Monitoring integration as a service (MIaaS) for analytics tools, including New Relic and Microsoft Azure

See more about the Hybrid Platform Operations solution at https://bluemedora.com/HyPOps

[1] VMware vCenter Operations Customer Benchmark Study by Management Insight, Wave Two, 2014