

Dell Converged Solutions

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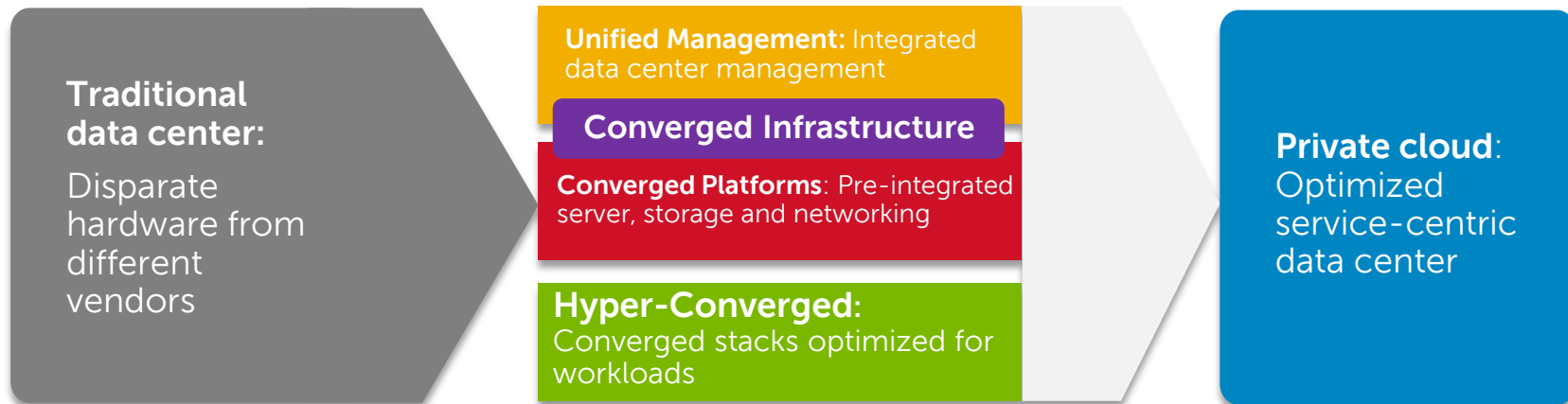


The drive toward convergence



Convergence and the path to modernization

- Datacenters are changing – Legacy IT is siloed and cannot deliver cloud-scale IT
- The move to Software Defined IT requires disruption of the traditional approach
- Modern workloads such as big data are breaking down barriers between IT silos
- IT users expect faster, cloud-like service from their datacenters



Customers tell us: Legacy IT in the modern era creates challenges

High costs of data center management

Not enough skilled staff

Deploying workloads is time-consuming and difficult

Difficult to ensure consistency

Convergence
can help

Workload deployment crosses multiple environments

Rising complexity

Flexibility comes with price and performance compromise

Lack of choice



What is convergence?

Convergence:

The combination of two or more separate IT elements

Unified management

Cross platform management from a single console, enabling all infrastructure components to be managed through a single interface utilizing a common management and control framework

Converged infrastructure

A pre-integrated, certified system containing server hardware, disk storage systems, networking equipment and unified management software

Hyper-converged

A workload-optimized infrastructure system built on an architecture that tightly integrates compute, storage, networking and virtualization resources in a single box

No single converged solution solves everything for everyone

Wants

- Simplification via automation
- Performance
- Application optimization

Needs

- To reduce pain workload by workload
- Design guidance with flexibility
- Ability to customize and manage



Wants

- Quick delivery
- Ease of scaling and management
- Faster deployment

Needs

- General-purpose infrastructure
- Low-risk prescriptive approach
- System simplicity and ease of support



The Dell Advantage



We don't believe
in making your
business
needs fit our
solutions...

ONE SIZE
DOES NOT
FIT ALL

30°C
Von links bügeln/ Iron inside out/
repasser sur l'envers / 只熨裏面

...we provide a
converged
solution that is
**tailored for
your business**

Converge on your terms



Standards-based

No deliberate technology lock-in



Open approach

No intentionally closed ecosystems



Modular systems

No costly monolithic stacks



Flexible scaling

No forced constraints or
rip-and-replace



Modern portfolio

No vested interest in legacy
systems



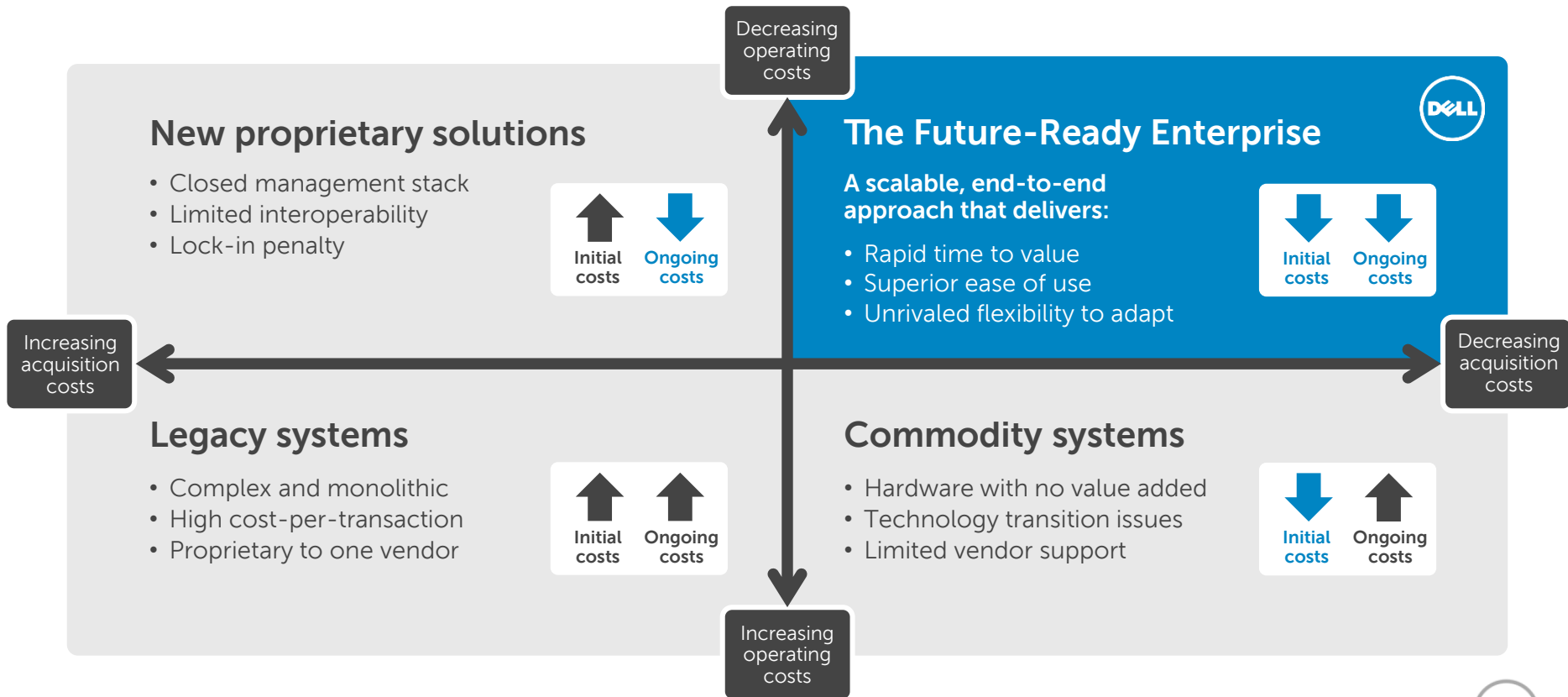
End-to-end solutions

No siloed viewpoint or
hidden agenda

Dell is different



Our approach gives you better results



Dell enables your Future-Ready Enterprise

Accelerate IT
with the **only**
converged solutions
tailored for your workloads
and **built for**
the software-defined era



What are your business needs?

Converged solutions

Unified management

Cross platform management from a single console, enabling all infrastructure components to be managed through a single interface utilizing a common management and control framework

Increases system flexibility and modularity without sacrificing performance

Converged infrastructure

A pre-integrated, certified system containing server hardware, disk storage systems, networking equipment and unified management software

Lowers total cost of ownership through simplification of systems management

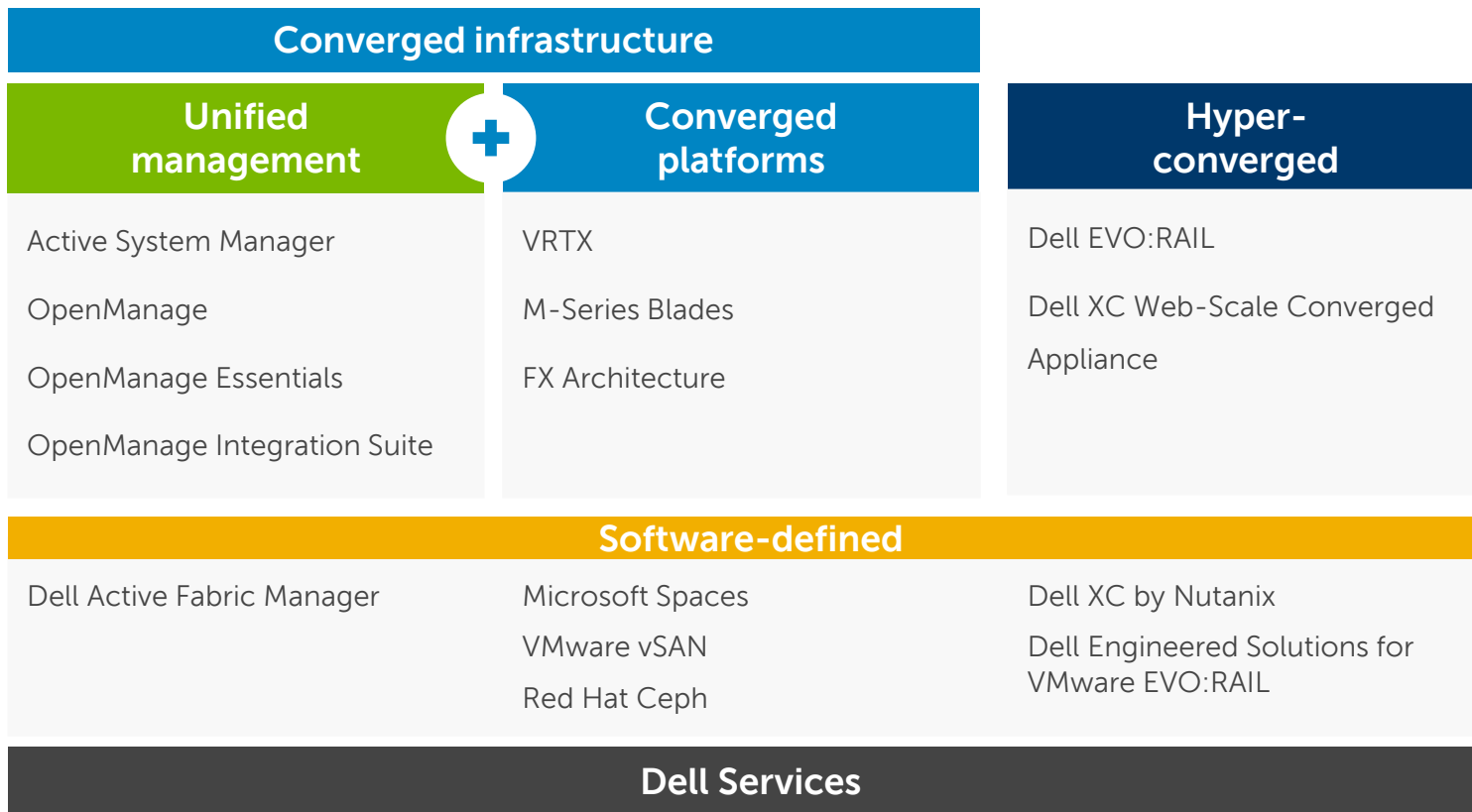
Hyper-converged

A workload-optimized infrastructure system built on an architecture that tightly integrates compute, storage, networking and virtualization resources in a single box

Speeds up and simplifies application deployment & time to value



Dell has a solution to fit your needs



Unified Management



Dell unified management solutions



Infrastructure Management consoles

OpenManage Essentials
OpenManage Mobile,
Chassis Management
Controller,
Power Center



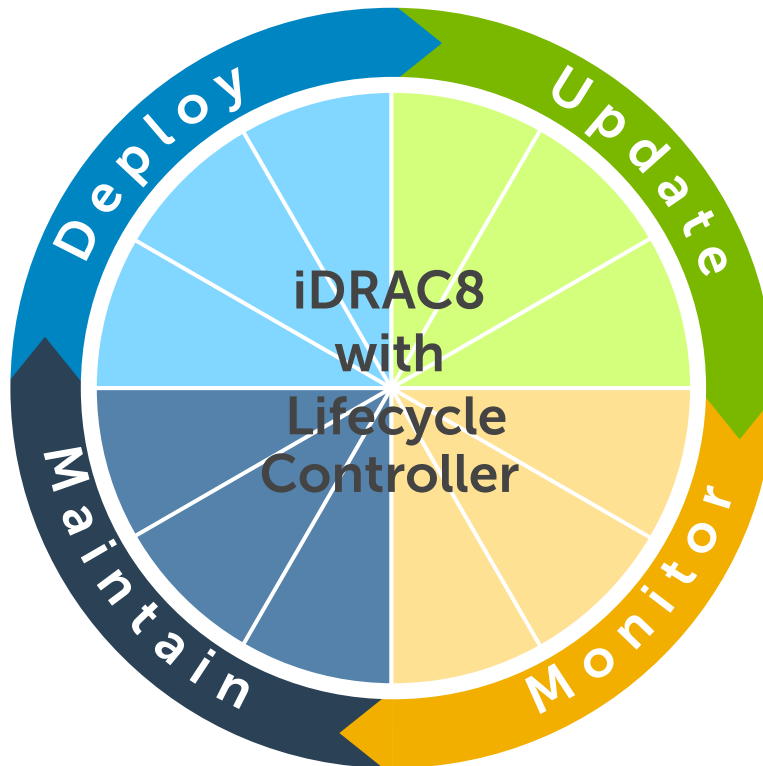
Advanced Management & Automation

Dell Active
System Manager



Tools and utilities

Repository Manager,
OpenManage Server
Administrator



Integrations for 3rd party consoles



Microsoft,
VMware,
BMC Software

Dell Services
Managed Services,
ProSupport Plus
Services with
SupportAssist



Connections for 3rd party consoles



CA, HP, IBM,
Oracle, Nagios



Converged Infrastructure



Converged infrastructure is the combination of:

Unified management



Converged platforms



Dell converged platforms: Innovative and diverse

PowerEdge VRTX



FX Architecture



M1000E Blades

Hyper-converged



Making web-scale simpler

Dell XC Series of Web-scale converged appliances

Dell PowerEdge Servers



Powered by:
NUTANIX

Bringing simplicity, scale, and efficiency to enterprises through web-scale converged infrastructure

Web-scale



Converged
compute
and storage



All
intelligence
in software



Distributed
everything



Self-healing
system



Automation
and Rich
Analytics

Agility
Elasticity
Efficiency

Global Dell Service & Support

Pre-integrated, workload-specific configurations

Proven Dell 13th Generation high-performance x86 architecture



Dell Engineered Solutions for VMware EVO: RAIL



Engineered Solutions optimized for VMware EVO: RAIL

- Dell 2U/4 nodes of shared local storage
- Single support contact for hardware/software
- Value-added software, services and support



VMware EVO™: RAIL Software Bundle

- EVO: RAIL Rapid deployment, configuration, and management engine
- Compute, network & storage virtualization with vSphere & vSAN



Virtual Infrastructure Edition

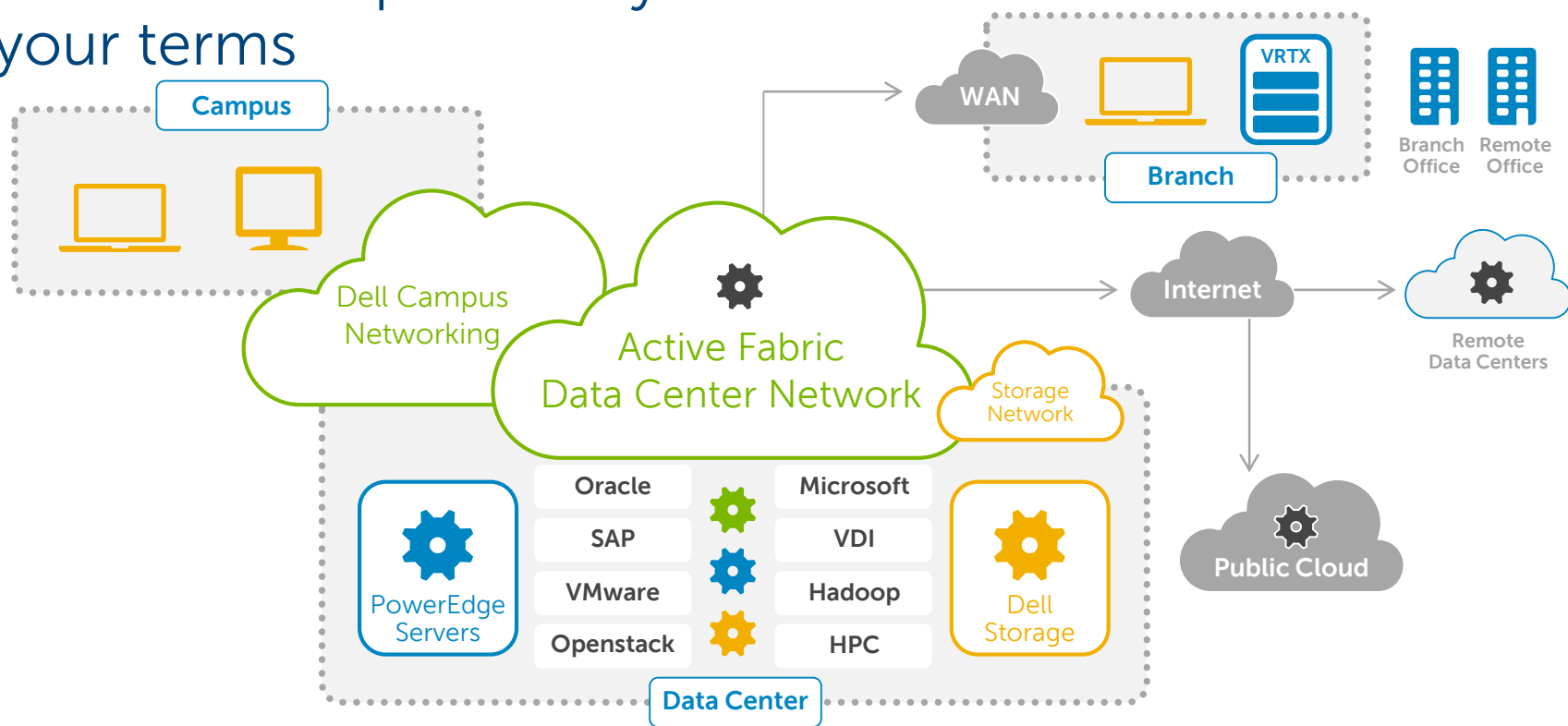
Ideal for virtual infrastructure and general-purpose workload deployments

VMware Horizon Edition

Ideal for virtual desktop infrastructure (VDI deployments based on VMware Horizon)



End-to-end blueprints so you can transform on your terms



Unique, end-to-end solutions customized for you, to solve entire problems at any scale

Thank you

