

Konvergent infrastruktur RFP fra en større bedrift

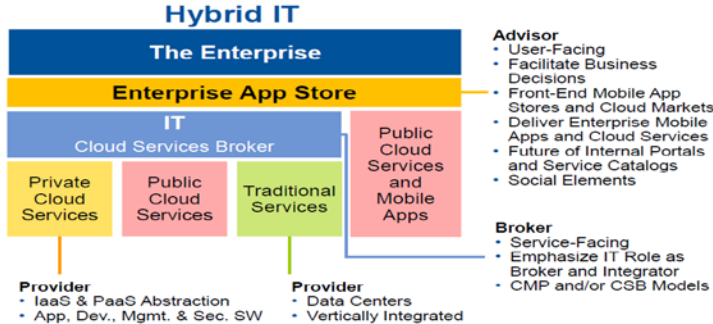
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- The primary goal of this activity is to increase efficiency, reduce cost and meet customer expectations.
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 - Gain technical and business efficiencies
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 - Increase IT agility

**Converged infrastructure +
Private cloud definition :**
On demand self service
Broad network access
Resource pooling
Rapid elastic
Measured service



Trender og konvergent infrastruktur

Hybrid IT — IT As Advisor, Broker and Provider

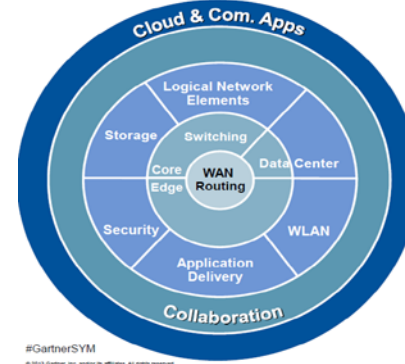


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Cloud Delivery Will Require You to Make Greater Use of Standards



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Best Practices

- Design and plan for networks with several zones.
- Use standard protocols wherever possible, to enable agility.
- Expect to revisit security process every 12 months.
- Accept peering and integration as potential strategies.
- External sourcing can be a way to force standardization!

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Virtualization: Convergence of Everything

IT virtualization is the abstraction of IT resources in a way that masks the physical nature and boundaries of those resources from resource users.

- Virtualization is greater than consolidation, VMs, and cloud computing**
More pervasive dynamic, and enabler of change
- End-user access is being virtualized**
Any client, any app, many ways
- Data centers are being virtualized**
Fabrics, "software defined"
- Processes and organizations are being virtualized**
Boundaries are being torn down, roles are converging
- IT and service providers are being virtualized**
Sourcing choices managed, integrated, brokered

The Value of Faster:

- A connected world
- Smaller and more windows of opportunity
- Consumerization of expectation
- Fail faster to win
- Eliminating the IT roadblock

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The Journey to Programmable Everything



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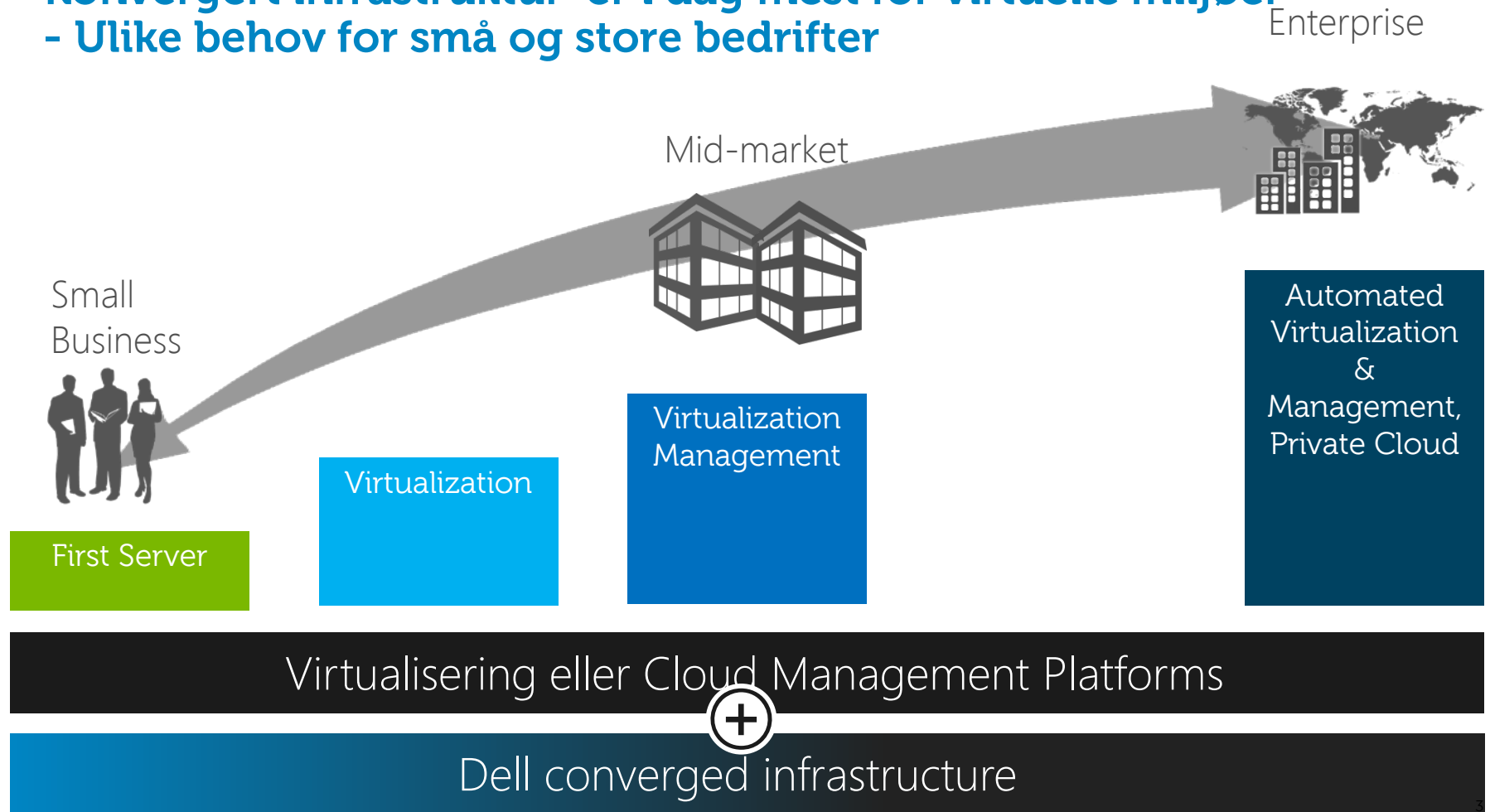
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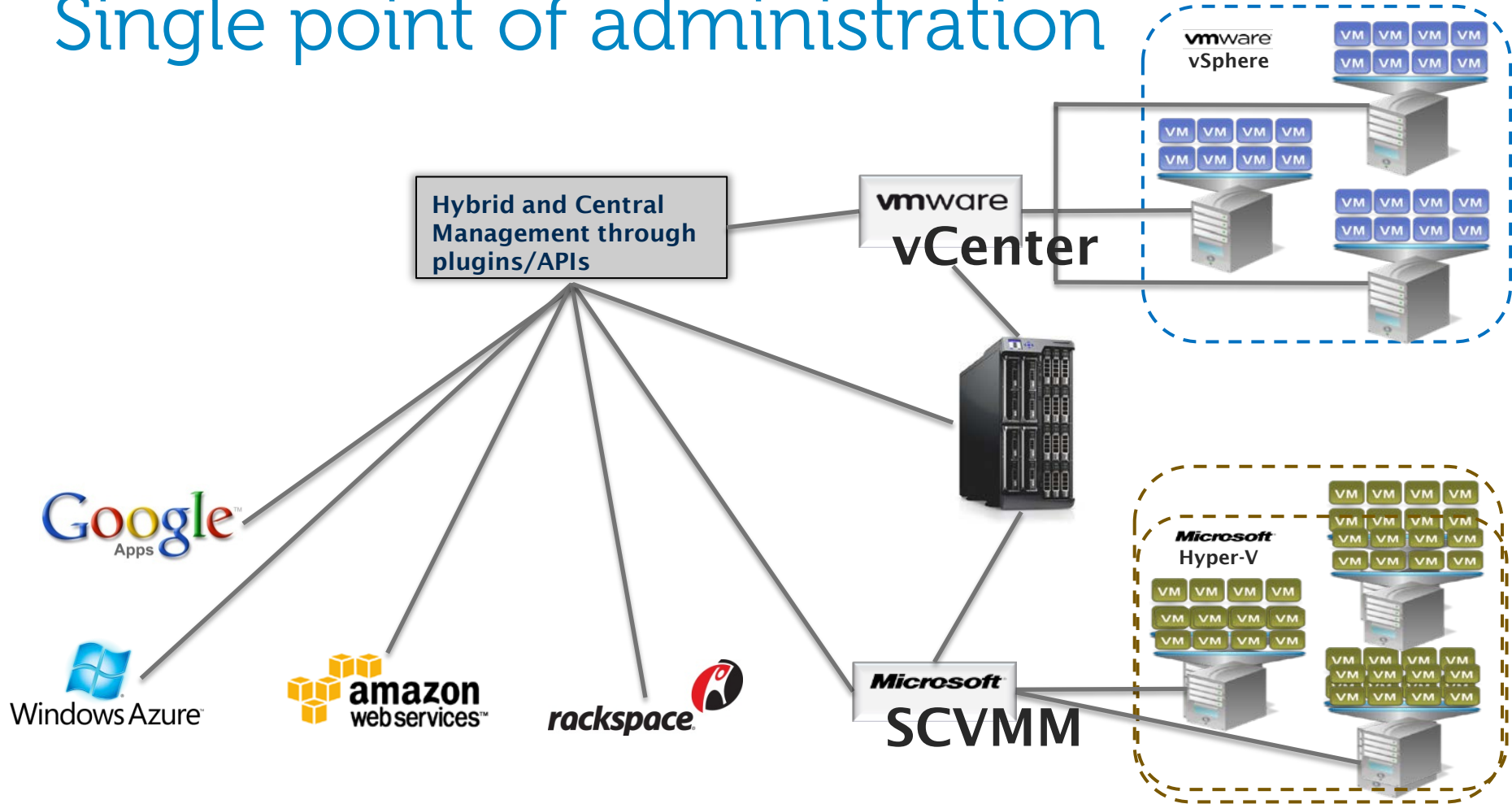


Konvergent infrastruktur er i dag mest for virtuelle miljøer

- Ulike behov for små og store bedrifter

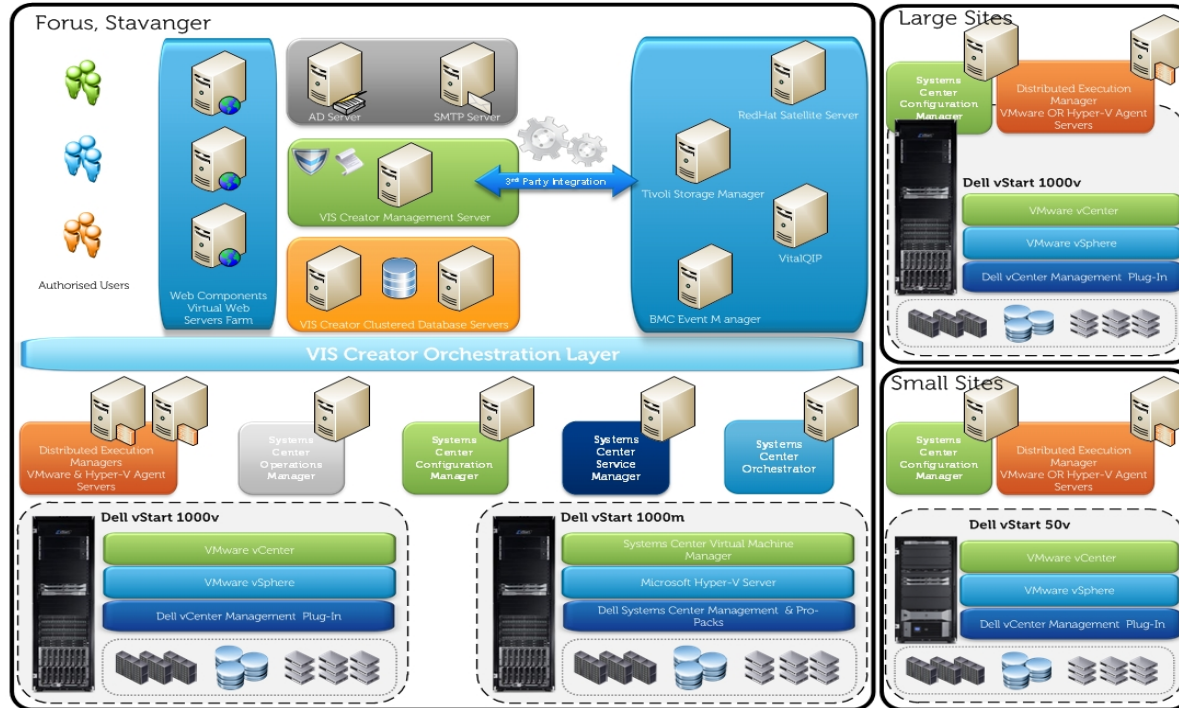


Single point of administration



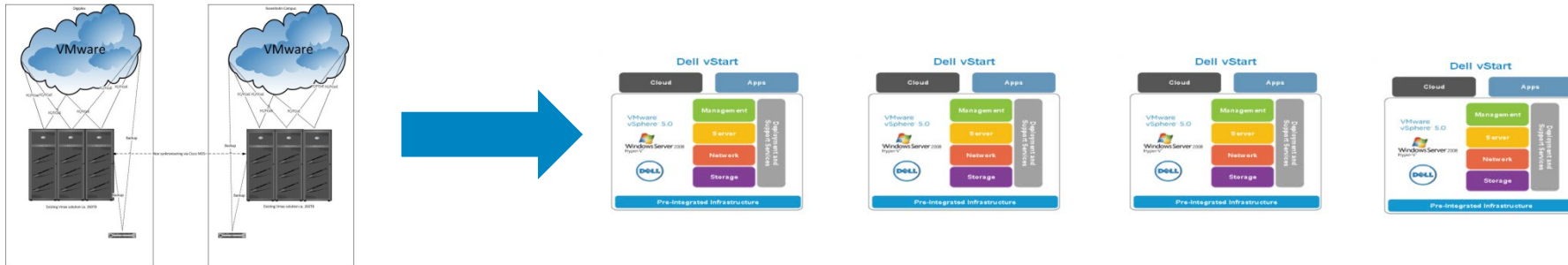
Kundecase 1 : Konvergeret infrastruktur hos Statoil

- Etablering av private cloud med MS og VMware for hele verden.



Kundecase 2 : Fra konsolidert til distribuert med sentral administrasjon på konvergent

- Fra 2 lokasjons konsolidert plattform til VMware farmer og enklere konvergent infrastruktur
 - › Vesentlig forenkling av kompleksitet
 - › Vesentlig lavere kostnader
 - › Vesentlig raskere leveranser
 - › Opprettholder strenge krav til sikkerhet og tilgjengelig
 - Vesentlig lettere feilhåndtering
 - Single point of support



Kundecase 3:

Microsoft private cloud på konvergent og hybrid mot Azure

- Trenger å få ned kostnadene og levere løsninger raskere
- Etablere private cloud basert på Microsoft teknologi.
- Software defined datasenter med Microsoft SW + Dell konvergent infrastruktur

Microsoft
Exchange

Microsoft
Sharepoint

Microsoft
SQL

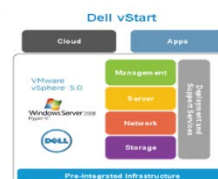
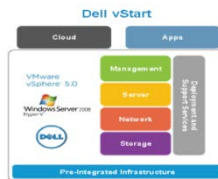
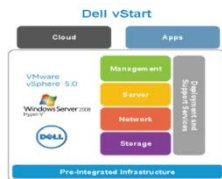
Microsoft
Lync

Microsoft
.NET

Microsoft System Center

Microsoft Windows Server 2012 HyperV

Dell Integrated Management



Spesialiserte plattformer 1 : VDI

Applications



How can I offer the same experience with the flexibility my users need?

Endpoint Devices



How can I let employees use personal devices safely?

Virtualization Software



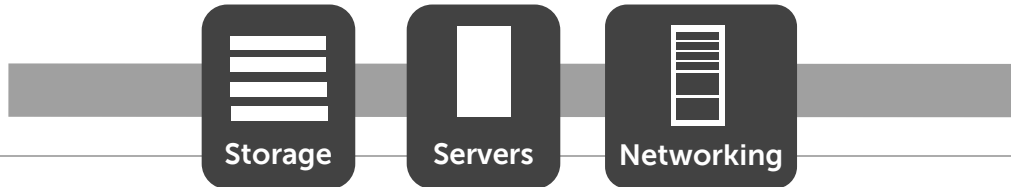
Do I use the same tools as data center virtualization?

Hypervisor Software



How do you choose the right hypervisor?

Datacenter Infrastructure



What hardware do I need to maintain users expected level of service?

Spesialiserte plattformer 2

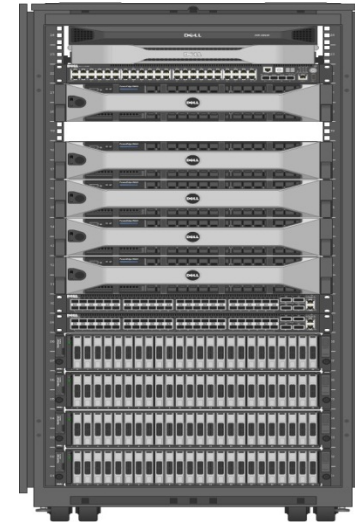
Database og DW/BI

- Microsoft PDW SAP HANA



- Oracle RDBMS
- SQL server

Rack Layout
Pre-Integrated Oracle RAC POC



KVM Switch
Rack Console
Management Switch
Management Server

4x Dell PowerEdge R820
Oracle RAC Servers

Dell Force10 S4810
Interconnect/iSCSI Switches

4x Dell Equallogic PS6110S
High Performance SSD Arrays

Konvergent infrastruktur kan gi deg fordeler

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- Unngå lock in ved å planlegge for neste bytte
 - Hva er det som skaper lock in (og økte priser)?
- Frigjøres bedriften til mere innovasjon ved å ta i bruk konvergent infrastruktur?
- Konvergent infrastruktur kan få teknologer til å samarbeide!!!!
- Andre trender kommer som kan påvirke dine valg
 - Blant annet «converged SAN» / Server SAN, SDN + NVF og Openstack