

Digital Transformation utilizing Microsoft Azure

- The Landscape
- Integrating with Office 365
- Licensing Considerations



Stephen Hand

Principal Consultant – Tilson

Providing technology guidance with a focus on Microsoft technologies for 30 years.

shand@tilsontech.com

The Landscape

- Where is your data located today?
- How much is your data platform costing you today?
- How much staff is tied up with IT administration?
- How many different cloud solutions are you using?
- How is security of your data handled today?

Customers want out of the datacenter

80%

global IT budgets
spent on maintenance

28%

time spent on
administrative tasks



Cloud adoption rising

\$72B

IaaS cloud services
market by 2020

91%

ITDMs believe hybrid
cloud is long term

Cloud sprawl creates new concerns



PC Sprawl (1995+)

Active Directory
Patch, asset, mobile management
Secure access



Server Sprawl (2000+)

Management suites
Virtualization, monitoring, patch, backup
Identity, workload



Cloud sprawl (2015+)

SaaS management
Security, threats
Monitoring, backup

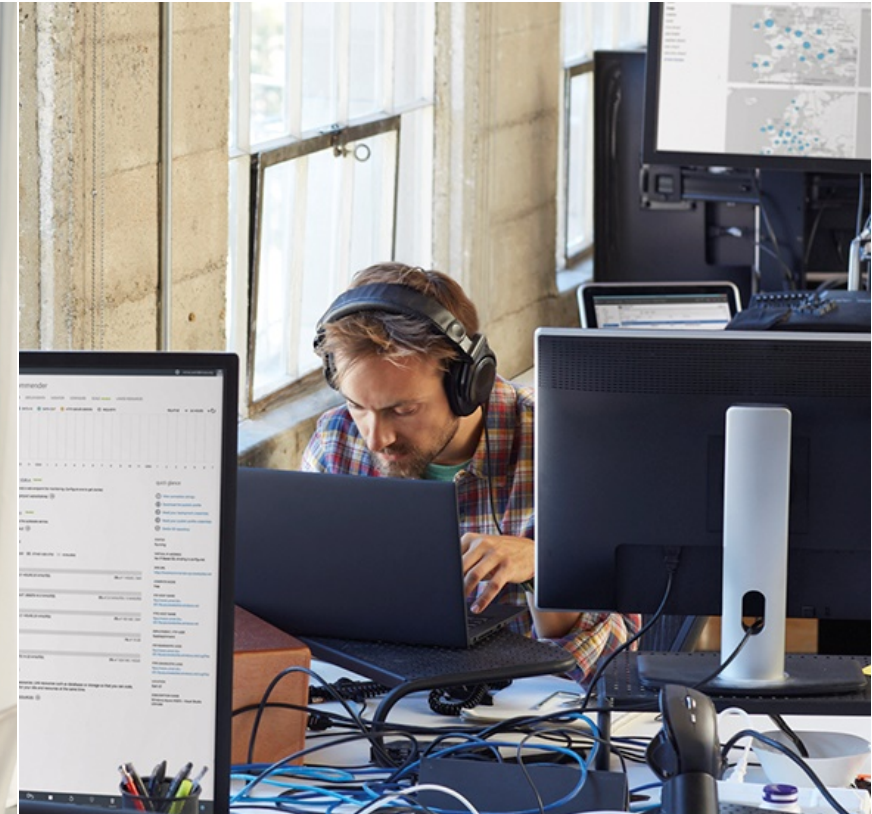
Digital transformation is driving change



IT embracing change



Business units



Developers

Rise of cloud workload owners | Security is everyone's issue | Need to expand beyond management contacts

Shifting security landscape



Multiple point solutions across different environments

Lack of threat intelligence to remediate quickly

Sophisticated threats continue to rise

Secure

Business continuity is increasingly important



Ransomware
on the rise

An untested plan
is not a plan

Customers expect your
apps to run 24x7

Protect

Monitoring challenges today



Separating noise
from useful data

Too much time spent
putting out fires

Getting visibility across
all your assets

Monitor



Real-time correlation and analytics



Built-in operational visibility



Flexible turn-key integrations



Actionable app-aware insights



Application insights



Log analytics



Monitor

Data ingestion and correlation

App frontend



Middleware



Backend



Operating system



Windows Server



Linux

Virtual machine



Networking



Virtual network



Load balancer



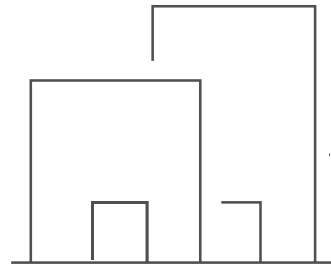
DNS



Integrating with Office 365

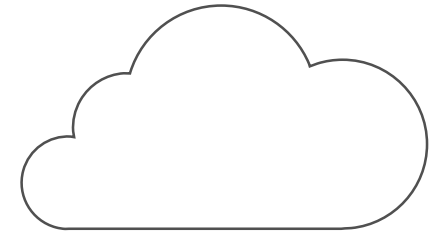
- Active Directory
- Hybrid or all Cloud
- Data driven solutions
- PowerBI

THE MODERN DATA ESTATE



On-premises
Private cloud

← HYBRID →



Cloud

Operational databases
Data warehouses
Data lakes

Operational databases
Data warehouses
Data lakes

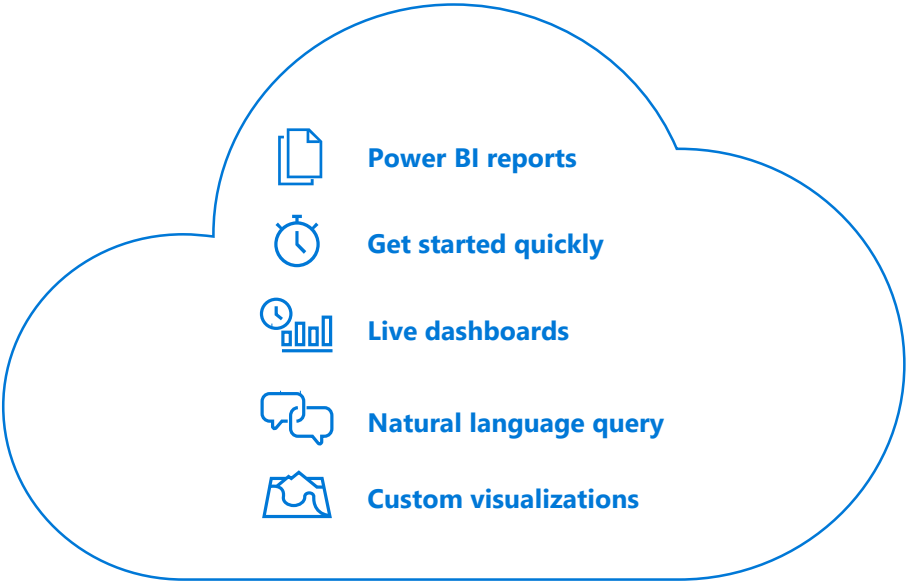


Reason over any data, anywhere

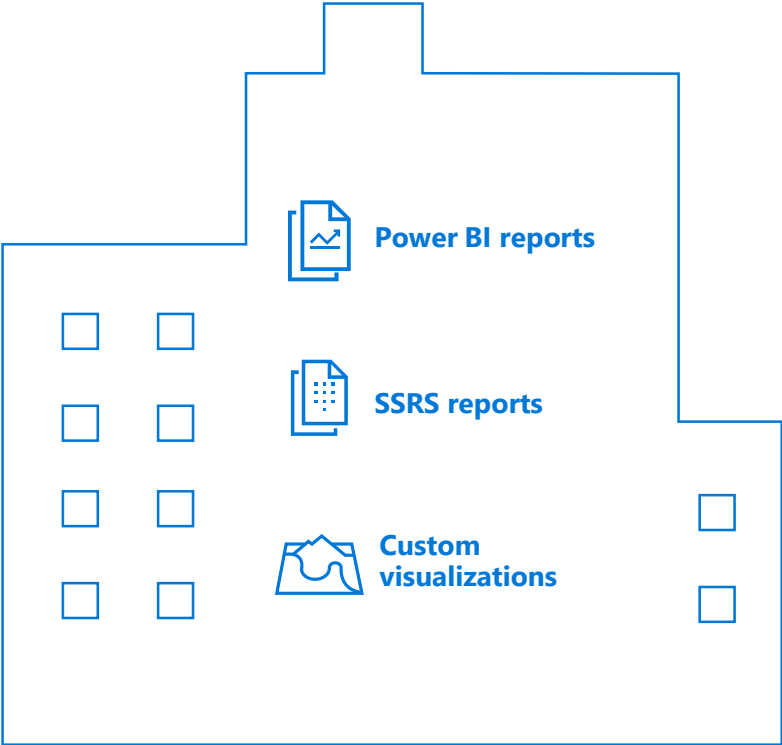
Flexibility of choice

Security and Performance

POWER BI AND POWER BI REPORT SERVER



Power BI



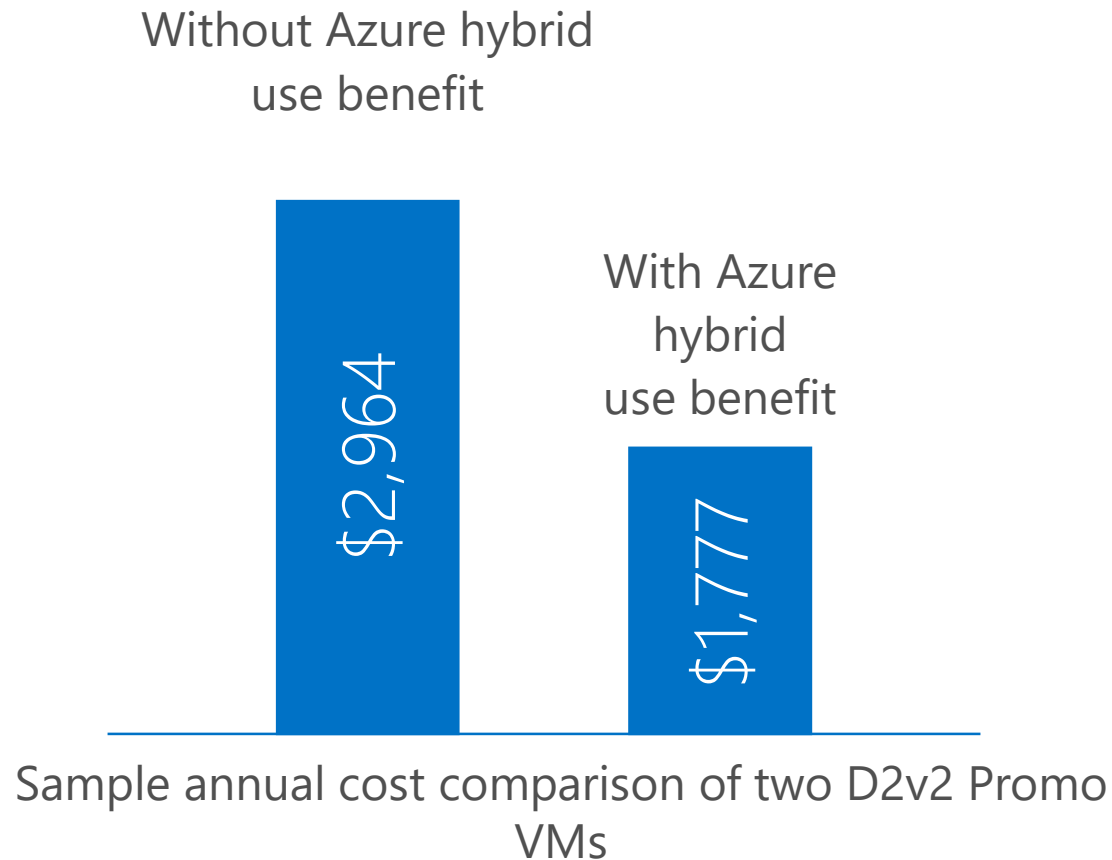
Power BI Report Server

Licensing

- Operational vs Capital
- Consumption Based
- Transitioning to Cloud based licensing

Azure hybrid use benefit

Up to 40 percent savings on Windows Server in Azure



Only on
Azure!

Q&A