e2e Data Managemt

Bart Claeys, Storage Sales Leader SW-IOT

IBM Software

PCTY2010

Pulse Comes to You

Service Management Integrato: le soluzioni e i progetti per guidare le aziende verso l'innovazione

23 Novembre, Milano

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Divider Slide

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Pulse Comes to You

Data, your enterprise Capital Asset

Presented by

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3

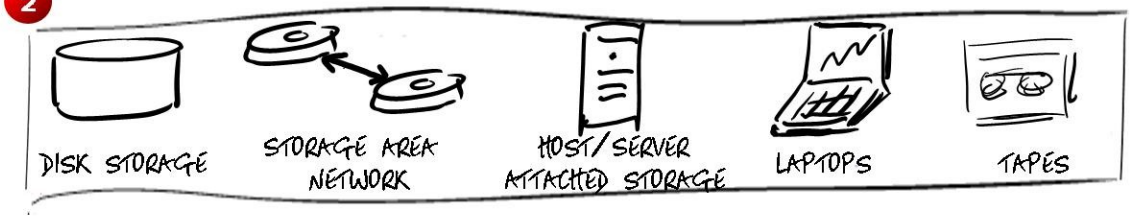
DATA GROWTH → DATA REDUCTION

1

THE BUSINESS

STORAGE INFRASTRUCTURE

2



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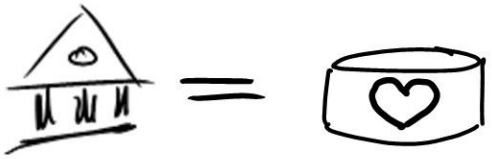


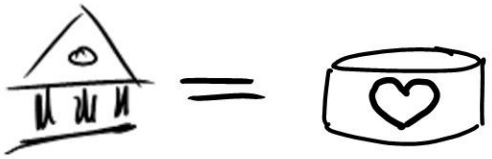
THE BUSINESS

STORAGE INFRASTRUCTURE

MONITORING

1

DATA GROWTH → DATA REDUCTION



THE BUSINESS

DOWNTIME

COMPLIANCE

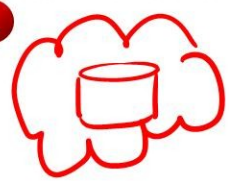
UTILIZATION

PROVISIONING

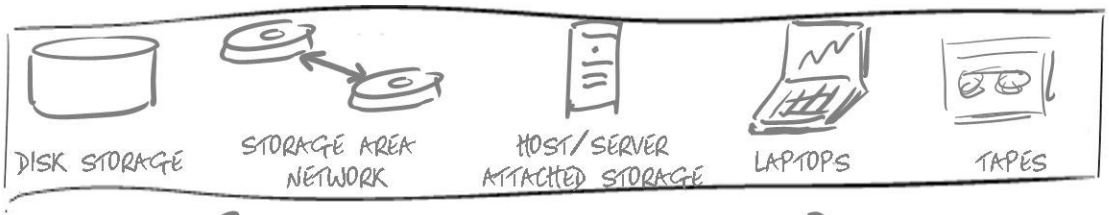
AUTOMATION

VIRTUALIZATION

1



STORAGE INFRASTRUCTURE



MONITORING

ADMIN

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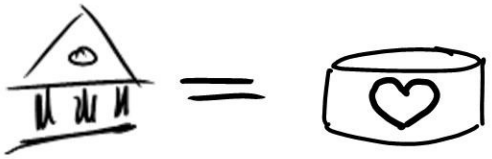

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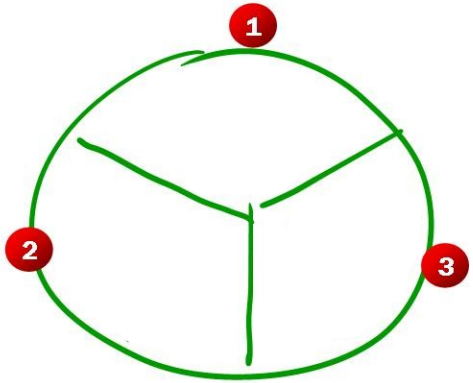
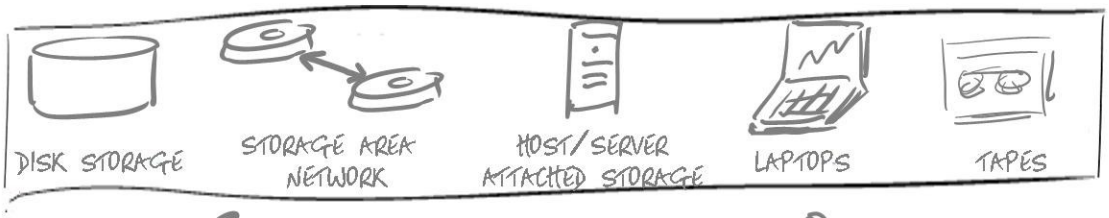


AUTOMATION

VIRTUALIZATION

STORAGE INFRASTRUCTURE



MONITORING

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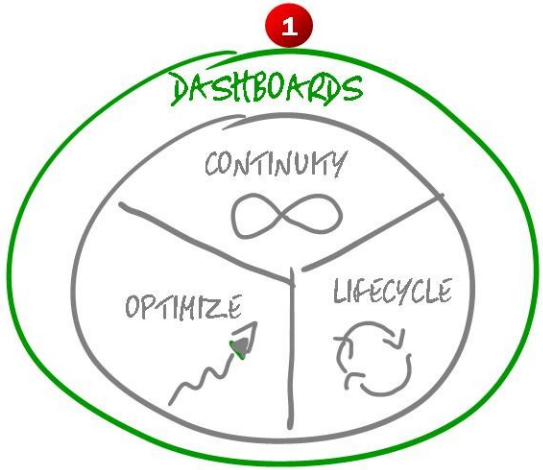

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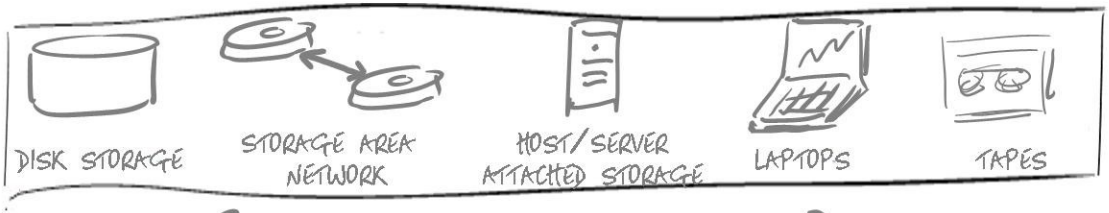
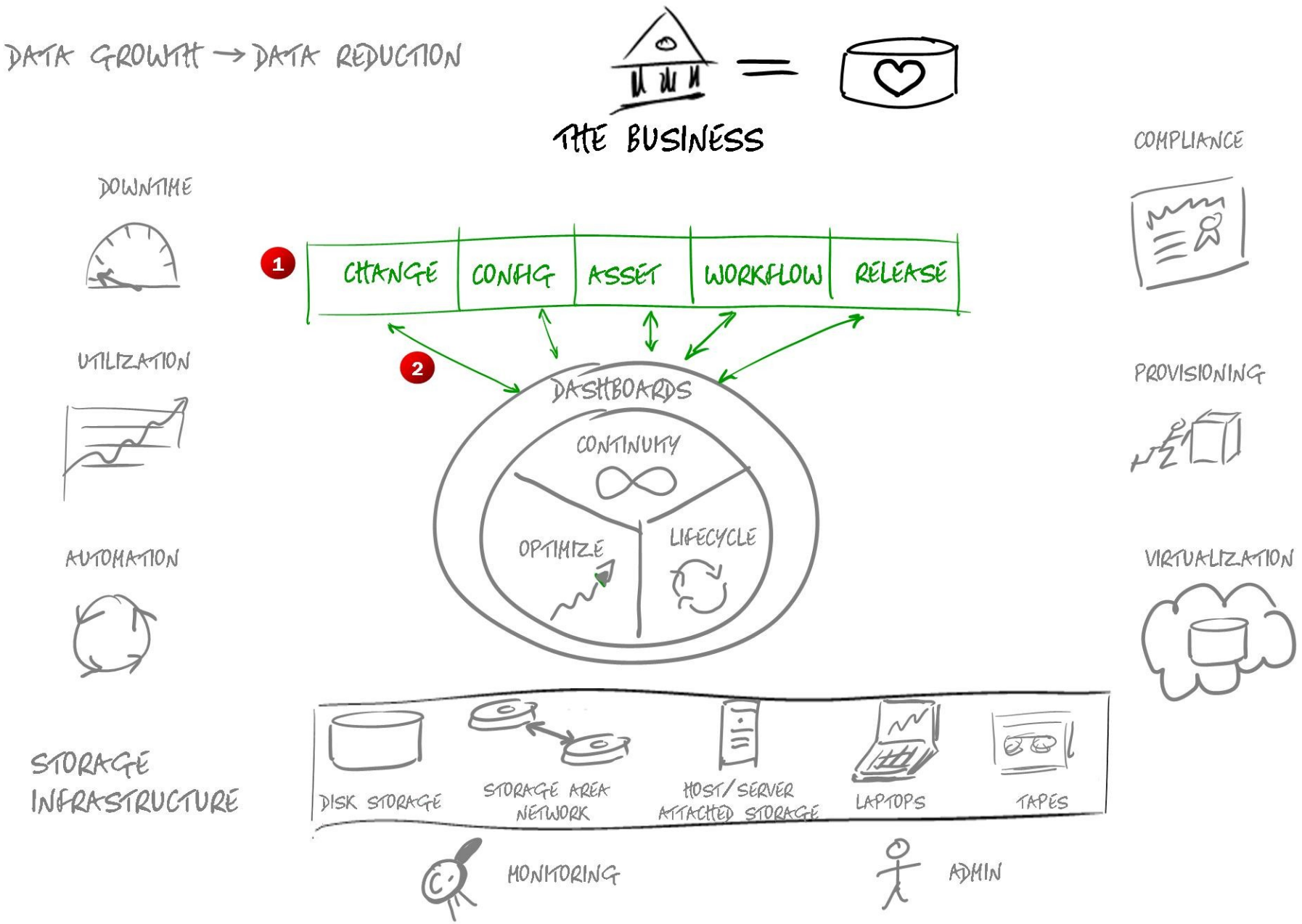


MONITORING

ADMIN


DATA GROWTH → DATA REDUCTION
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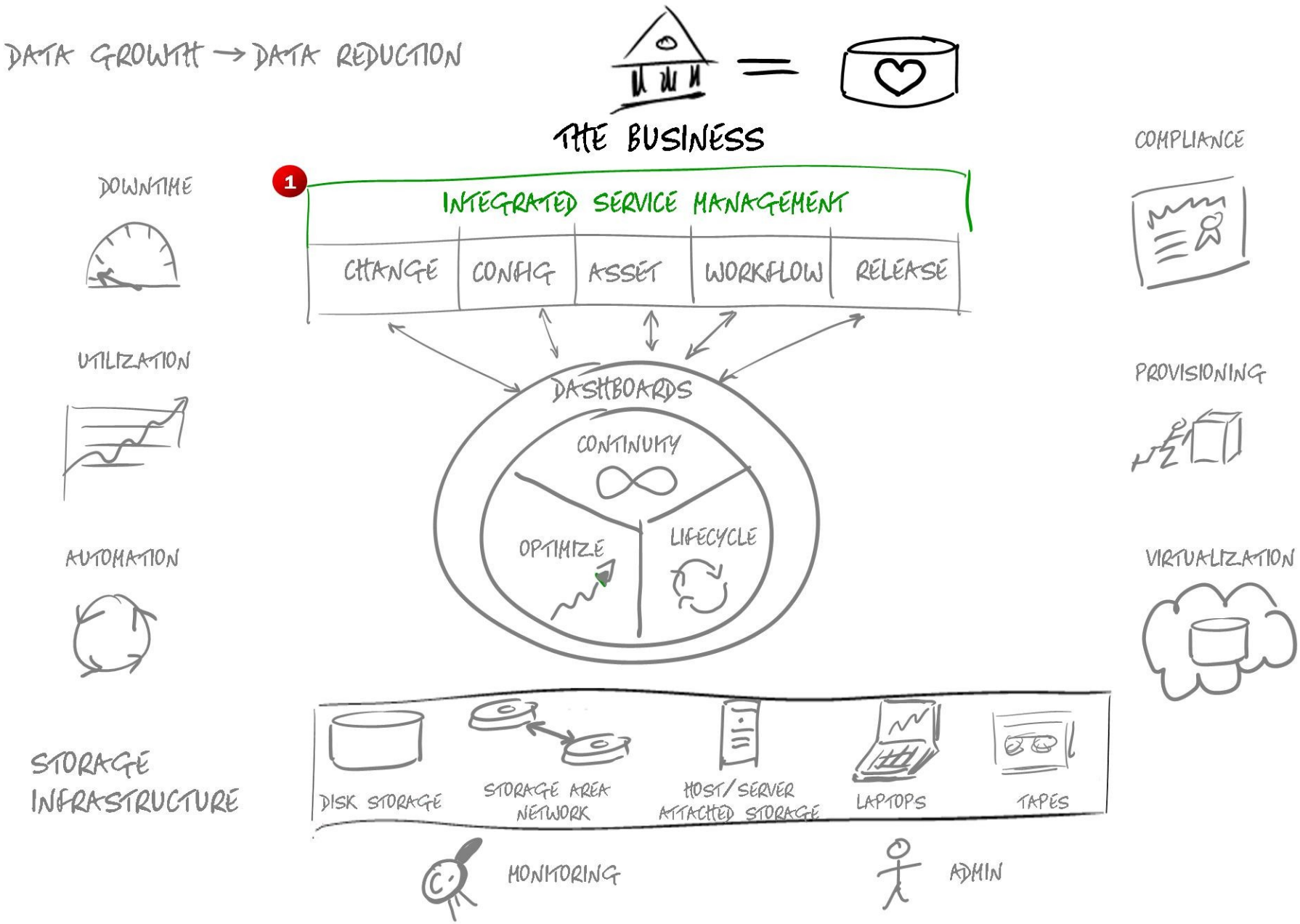
PROVISIONING
VIRTUALIZATION
1
CHANGE
CONFIG
ASSET
WORKFLOW
RELEASE
2
DASHBOARDS
CONTINUITY
OPTIMIZE
LIFECYCLE
STORAGE INFRASTRUCTURE
DISK STORAGE
STORAGE AREA NETWORK
HOST/SERVER ATTACHED STORAGE
LAPTOPS
TAPES
MONITORING
ADMIN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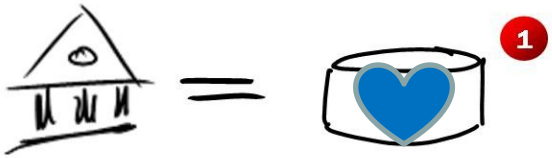

THE BUSINESS

DOWNTIME

UTILIZATION

AUTOMATION

COMPLIANCE

PROVISIONING

VIRTUALIZATION

INTEGRATED SERVICE MANAGEMENT

CHANGE | CONFIG | ASSET | WORKFLOW | RELEASE

DASHBOARDS

CONTINUITY

OPTIMIZE

LIFECYCLE

STORAGE INFRASTRUCTURE

DISK STORAGE

STORAGE AREA NETWORK

HOST/SERVER ATTACHED STORAGE

LAPTOPS

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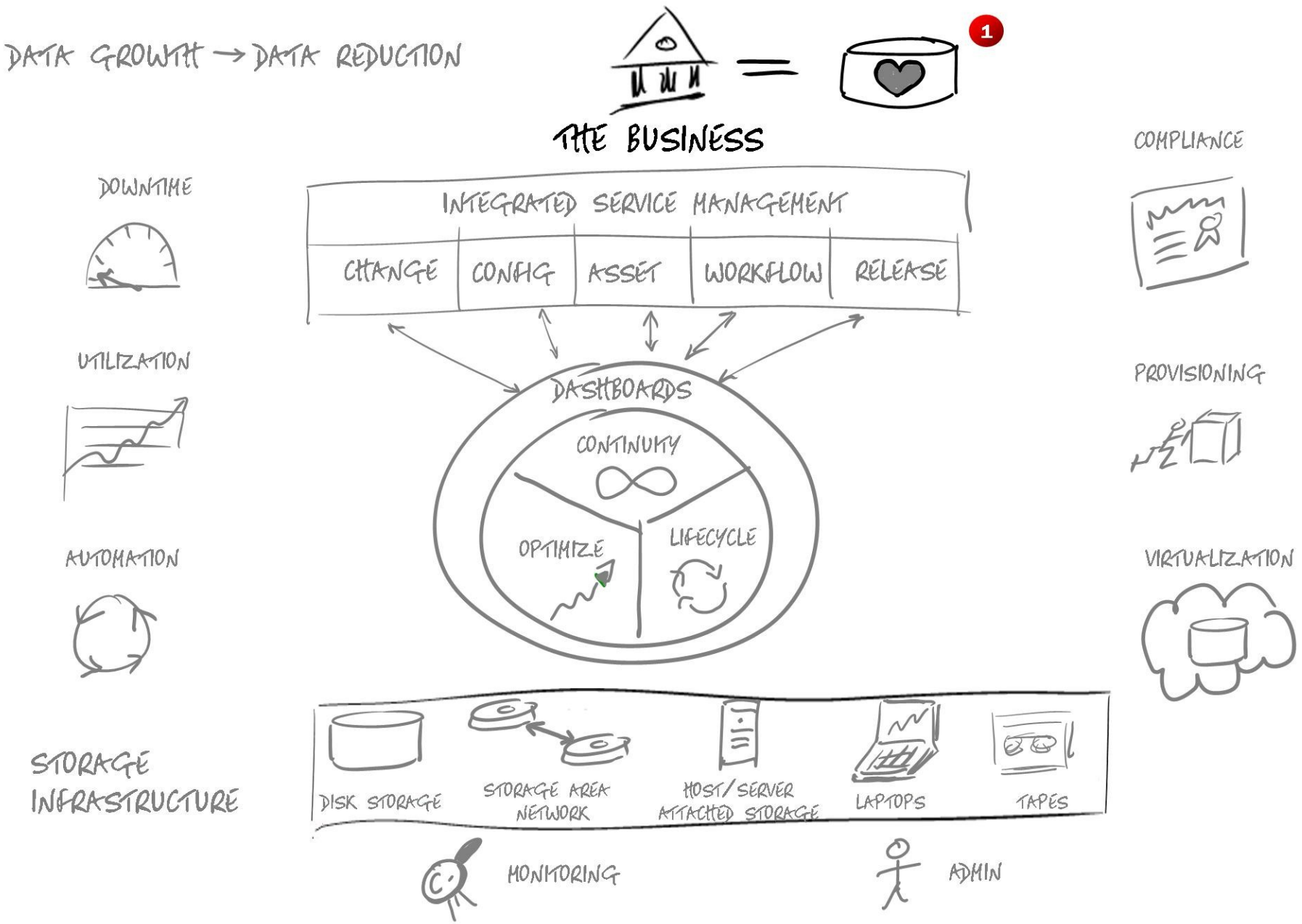
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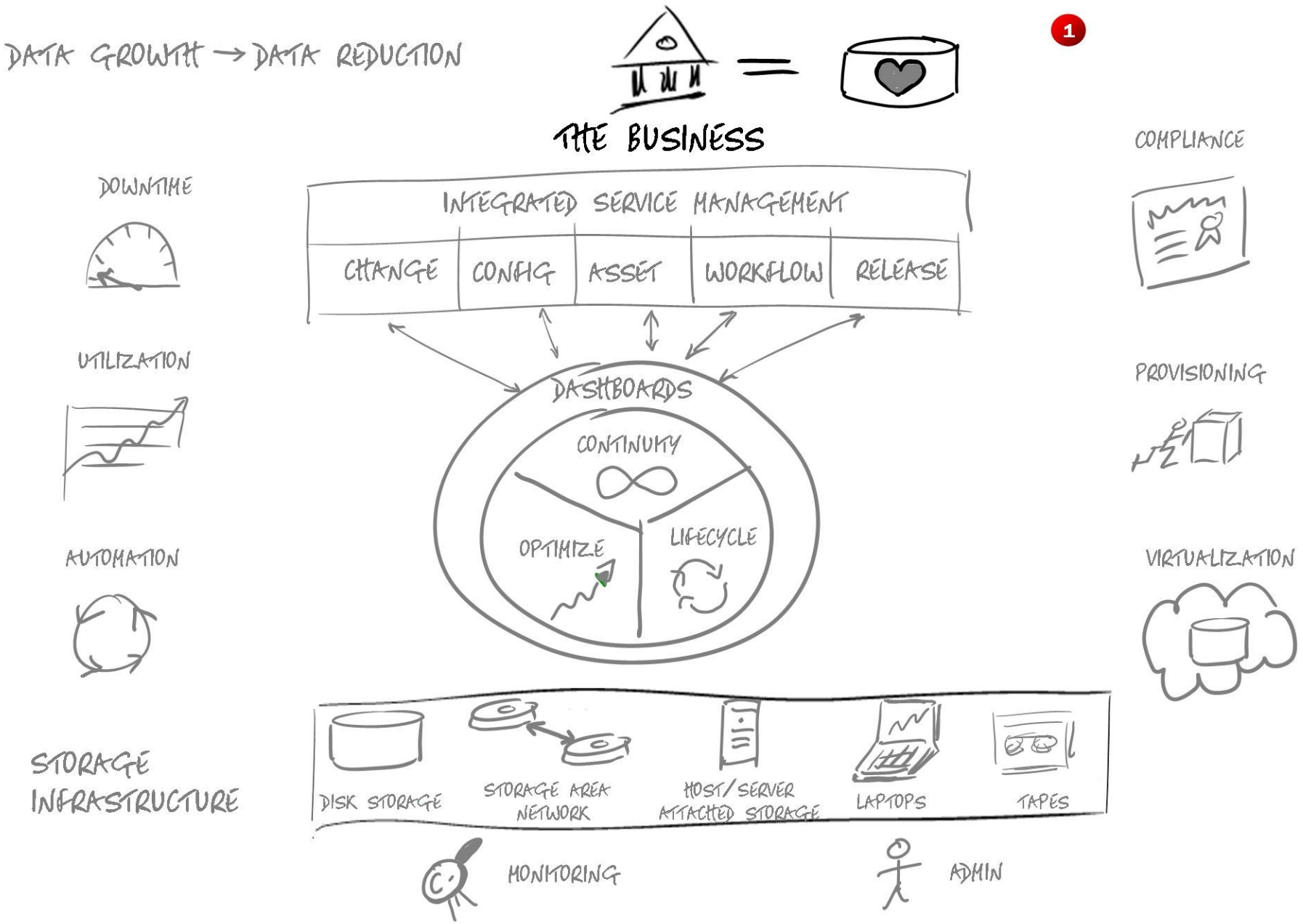
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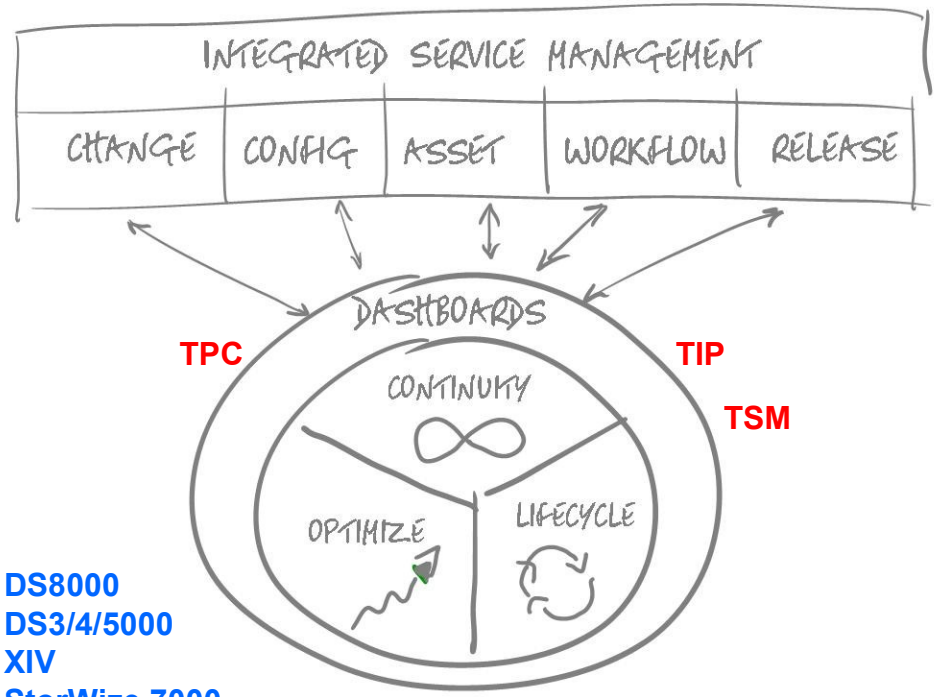
Where Tivoli Storage Products Fit…..



DOWNTIME

TSM
TSM for…
FastBack
FastBack 4 WS
SVC

UTILIZATION

TPC
SVC
TIP
FCM

AUTOMATION

TSM
TPC
FastBack

COMPLIANCE

IA
SSAM
TSM
TKLM

PROVISIONING

TPC
SVC
SSPC
FCM

VIRTUALIZATION

SVC
TSM
SoNAS

TPC
TIP
TSM

DS8000
DS3/4/5000
XIV
StorWize 7000
N Series

STORAGE INFRASTRUCTURE

MONITORING

TSM TPC
ISC TIM

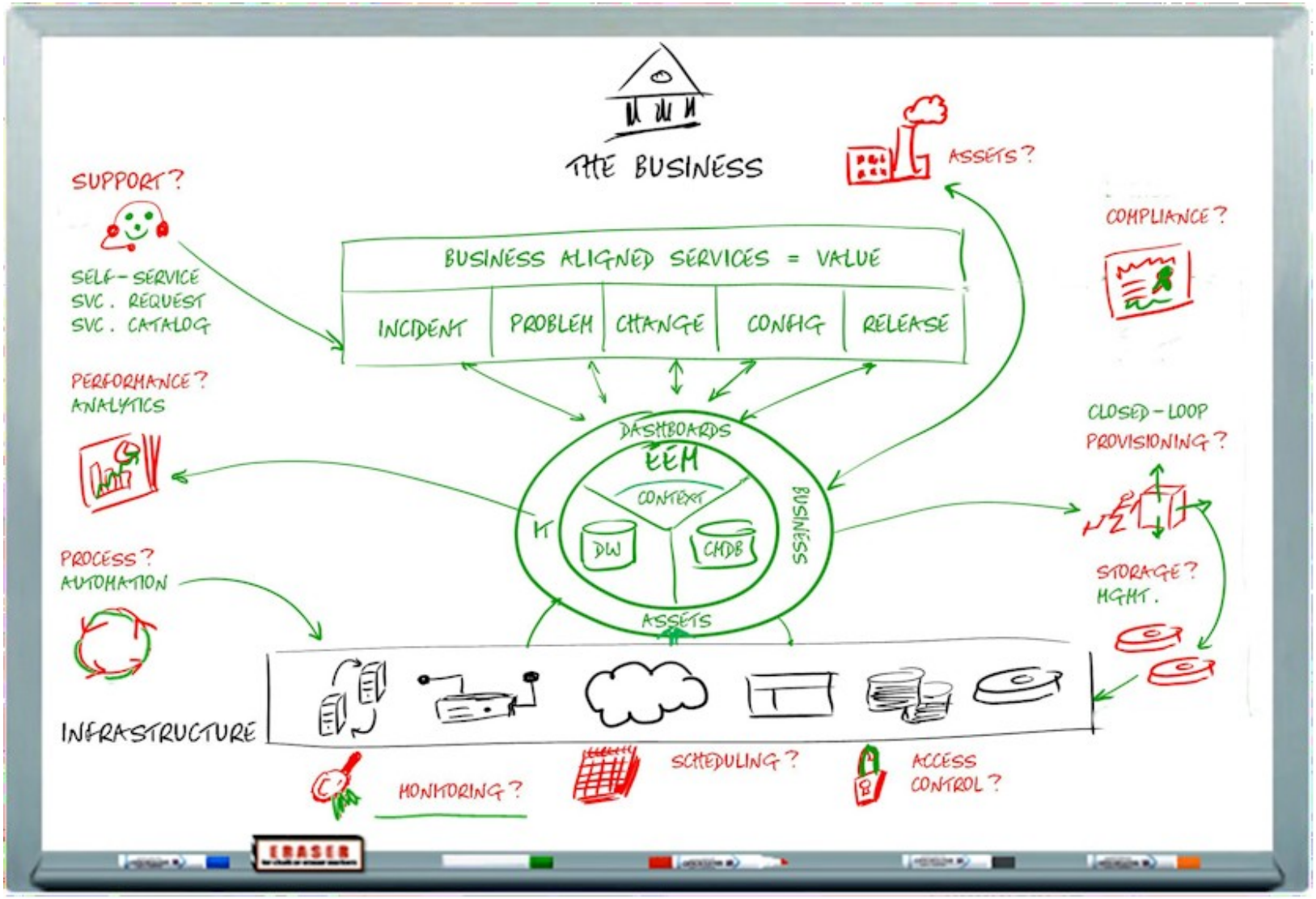
X Series
P Series
I Series

ADMIN

TPC
SSPC
TSM

ProtecTIER
TS7xxx
TS3xxx
VTFM

Service Management Whiteboard



Sample Solutions

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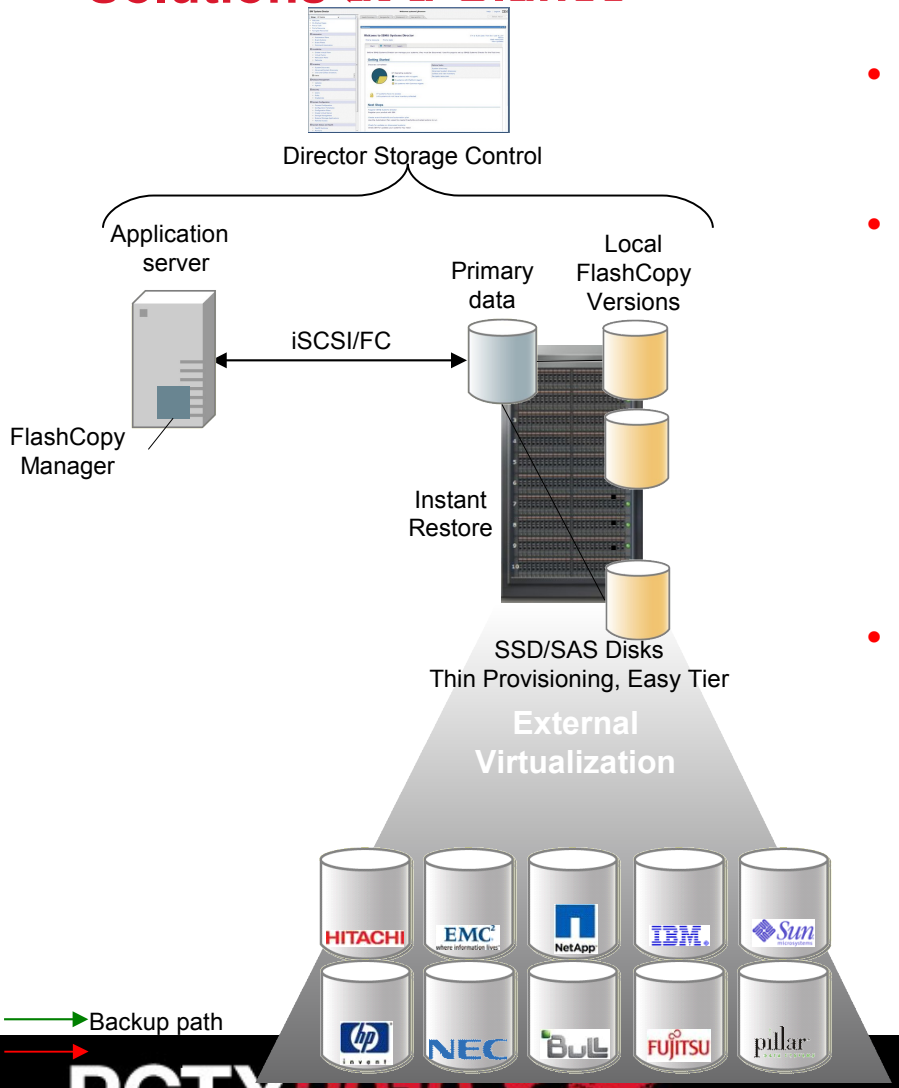
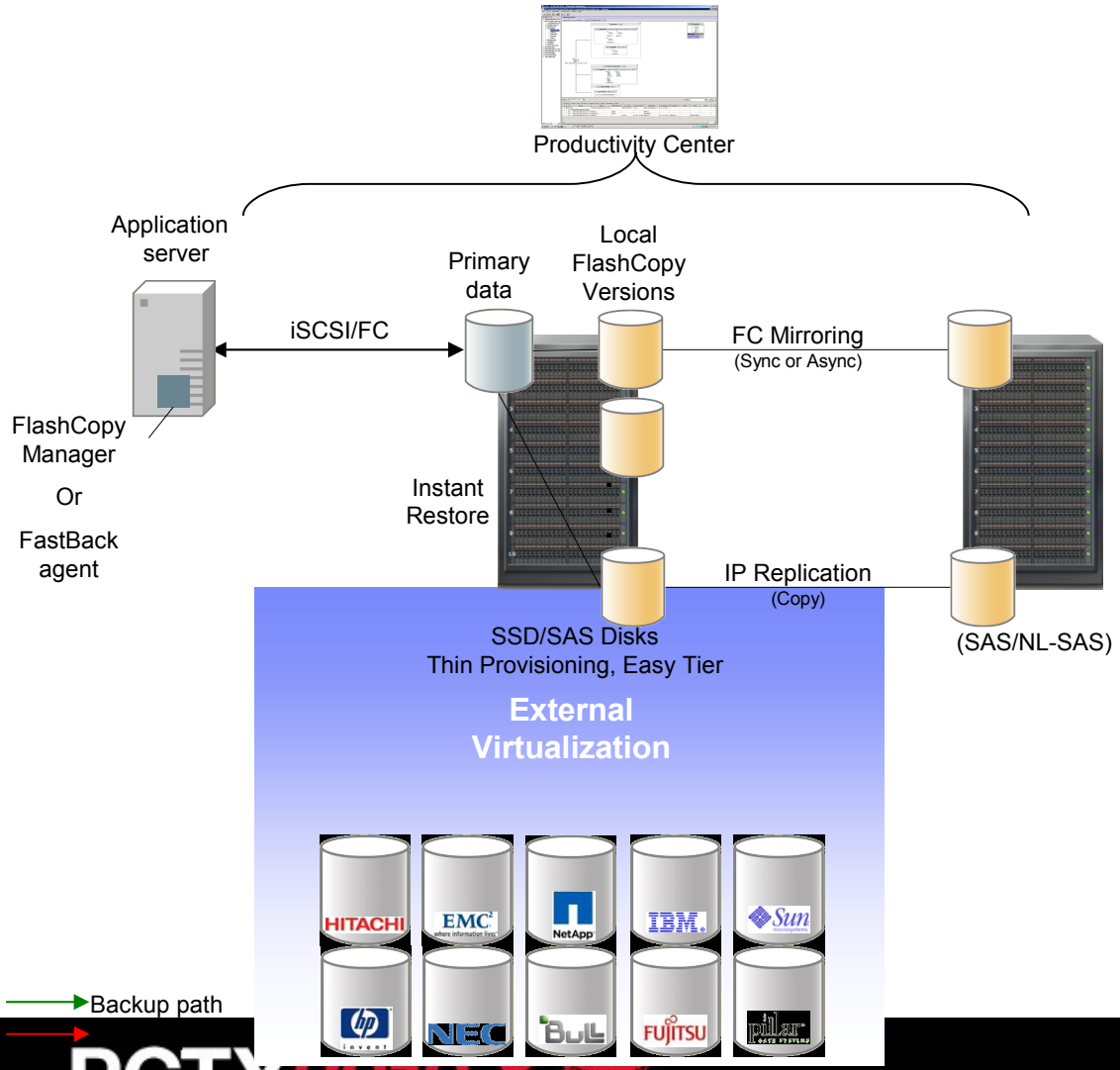
MidMarket
Solutions at a Glance



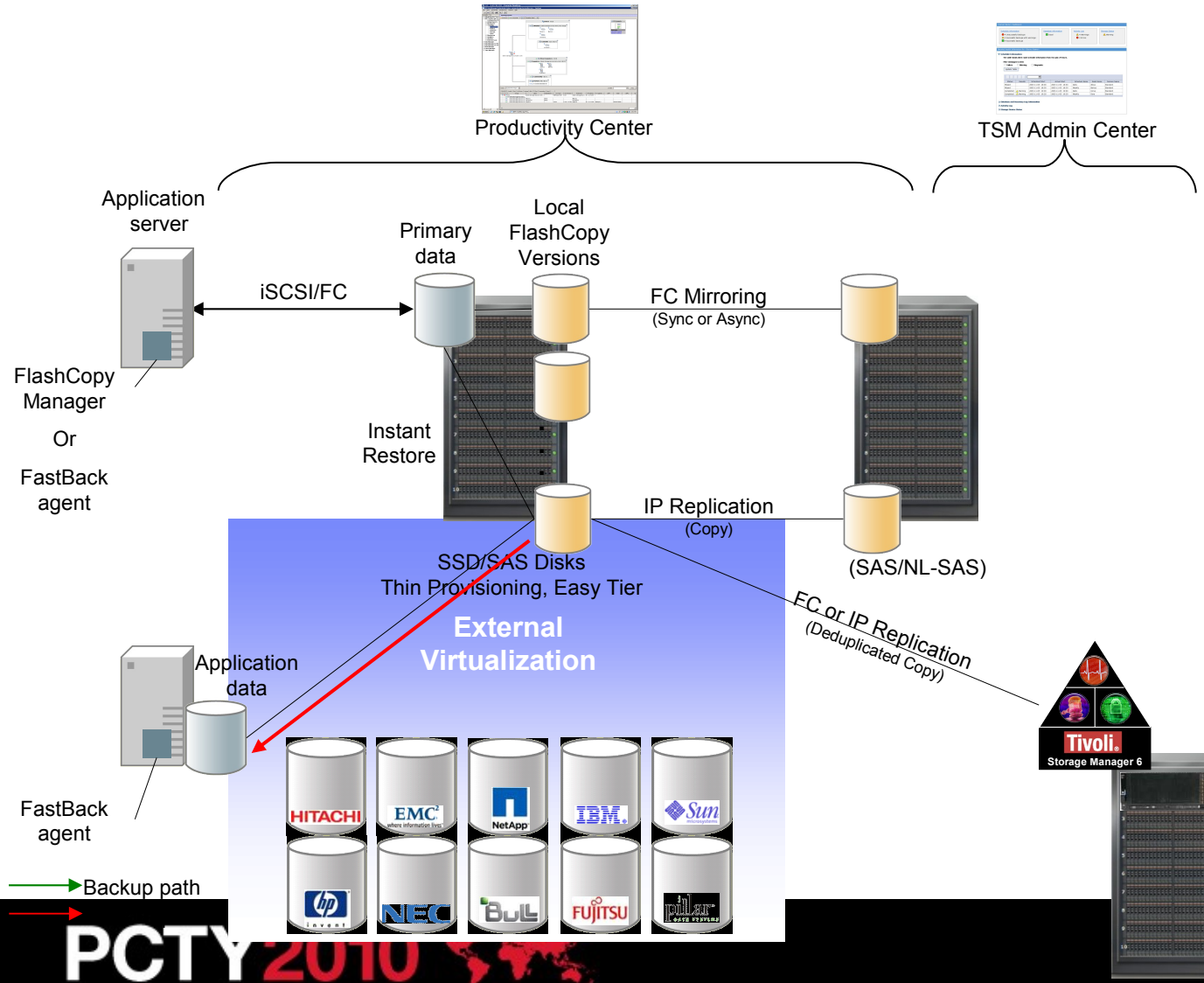
- For smaller clients looking for easy-to-use, scalable storage with intelligent support for their business applications
- IBM offers an integrated solution formed from extraordinary building blocks
  - Scalable Storage
  - Efficient utilization of space
  - Application-integrated data protection
  - Simple manageability
  - Transparent data migration
  - Virtualization of external disks
- For clients with IBM servers, a single point of management for both servers and storage

Enterprise
Solutions at a Glance



- For larger clients looking to expand the intelligent support for their business applications across sites for disaster recovery protection
- IBM offers
  - IP Replication
  - Fibre Channel Mirroring
  - Enterprise SAN-wide Management

End 2 End Storage Management
Solutions at a Glance



- For clients looking to integrate with enterprise recovery management or to extend these solutions to data not currently stored on Storwize V7000
- IBM offers
  - Application-integrated software snapshot for external data
  - Unified Recovery Management with Tivoli Storage Manager

Backup Slide

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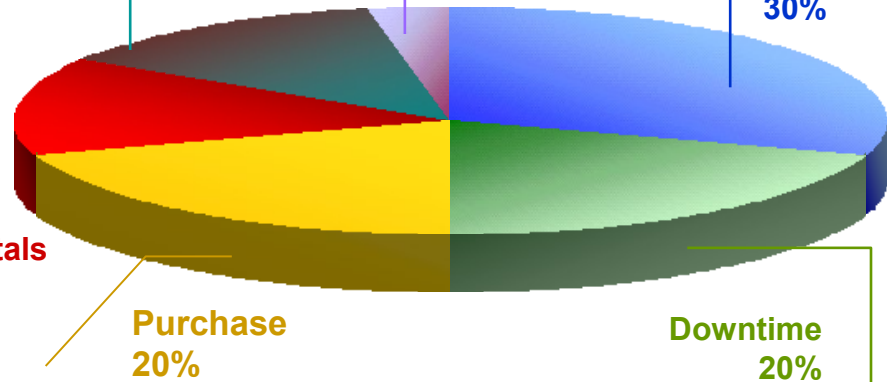
Total Cost of Ownership: How IBM Storage Software Helps

Average Storage TCO for Storage Systems

Source: Gartner Group

- Better manage explosive data growth
- Simplify storage management across tiers of heterogeneous storage
- Reduce time to provision storage



- Monitor and automate backup and archive of corporate files

- Lower hardware costs
- Storage resource optimization
- Make more efficient storage purchases based on capacity demands

- Predict out of space conditions
- Detect availability issues in SAN
- Monitor SAN and Disk perf hot spots