

# Training Category : Sales & Marketing

## Cloud Solution for disaster recovery 災難恢復，雲散煙消。

# Cloud DR Outsourcing Service

# BizCONLINE Limited

# World First

# Agenda

- About BizCONLINE
- Challenges for Business Continuity
- Cloud Backup & DR Service
- References
- Benefits

# BizCONLINE At A Glance

- Formed 2008 (extend from BizCON)
- helps enterprise clients to resume business operation back to normal within a minute by providing a fast recovery real time drill on the backup.

又多一天假!  
HOLIDAY?



演練, 讓你運轉為握!  
Drill it, no uncertainty!

# Technology Partnership “1 + 1 > 2”

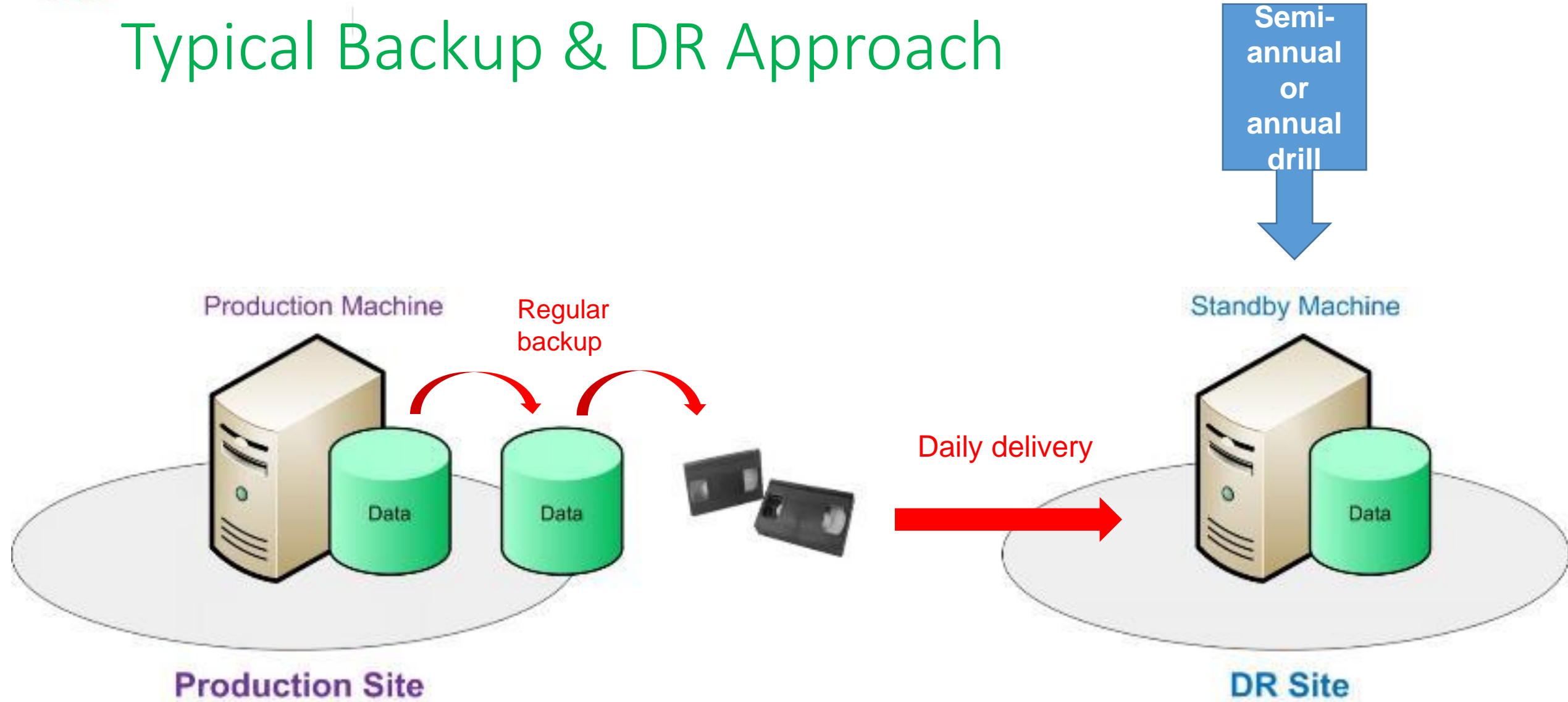




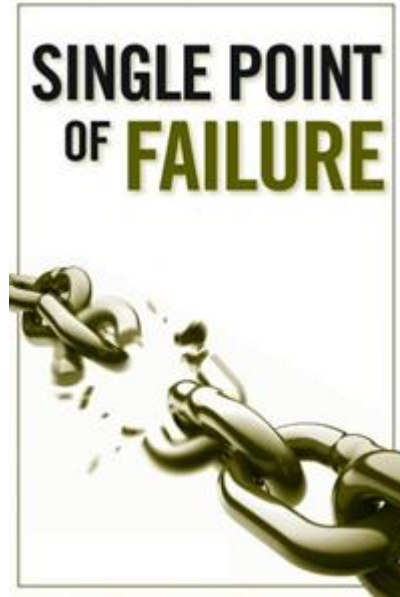
# Disaster – Rarely Happen?

- 30% of all businesses that have a major fire go out of business within a year. 70% fail within five years. *(Home Office Computing Magazine)*
- **34% of companies fail to test their tape backups**, and of those that do, 77% have found tape back-up failures.
- 44% of business **fail to survive** a major fire
- Companies that aren't able to resume operations within ten days (of a disaster hit) are not likely to survive. *(Strategic Research Institute)*

# Typical Backup & DR Approach



# Challenges

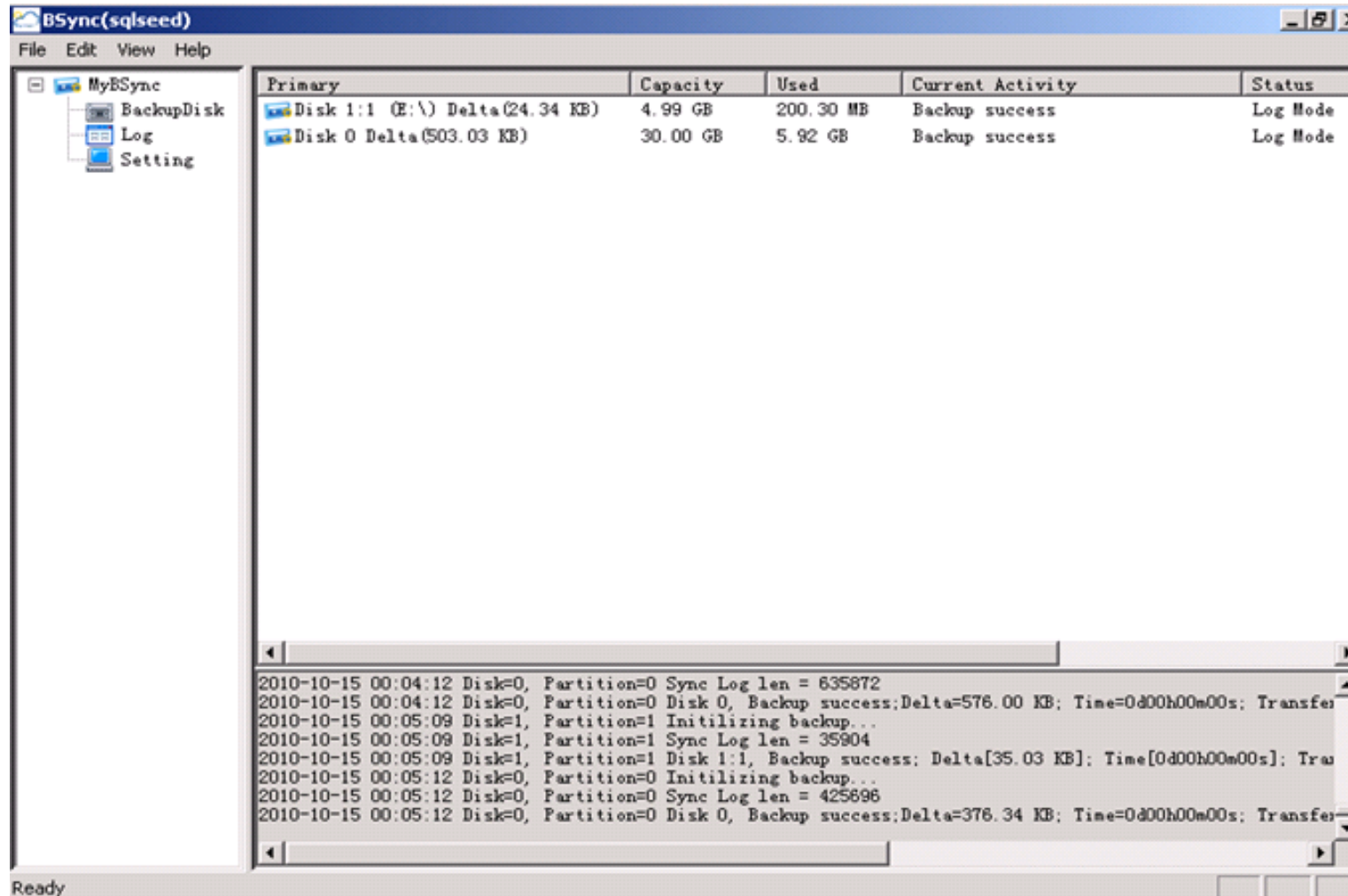




# Before Our Service



# Our Backup w/ContinuityAssurance ©



The screenshot shows the BSync(sqlseed) application window. On the left is a tree view with 'MyBSync' expanded, containing 'BackupDisk', 'Log', and 'Setting'. The main area displays a table of backup activities:

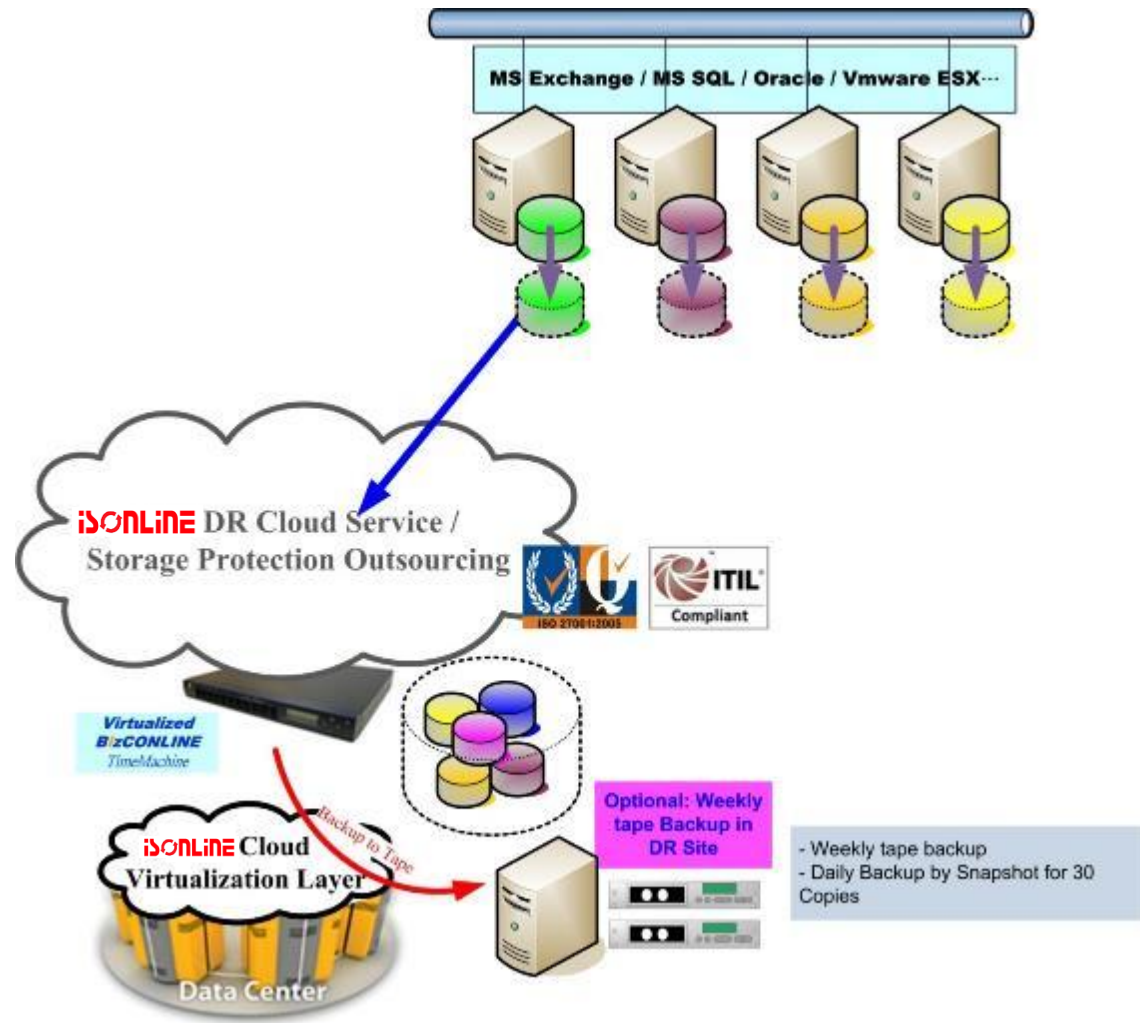
Primary	Capacity	Used	Current Activity	Status
Disk 1:1 (E:\) Delta(24.34 KB)	4.99 GB	200.30 MB	Backup success	Log Mode
Disk 0 Delta(503.03 KB)	30.00 GB	5.92 GB	Backup success	Log Mode

At the bottom, a log window shows the following entries:

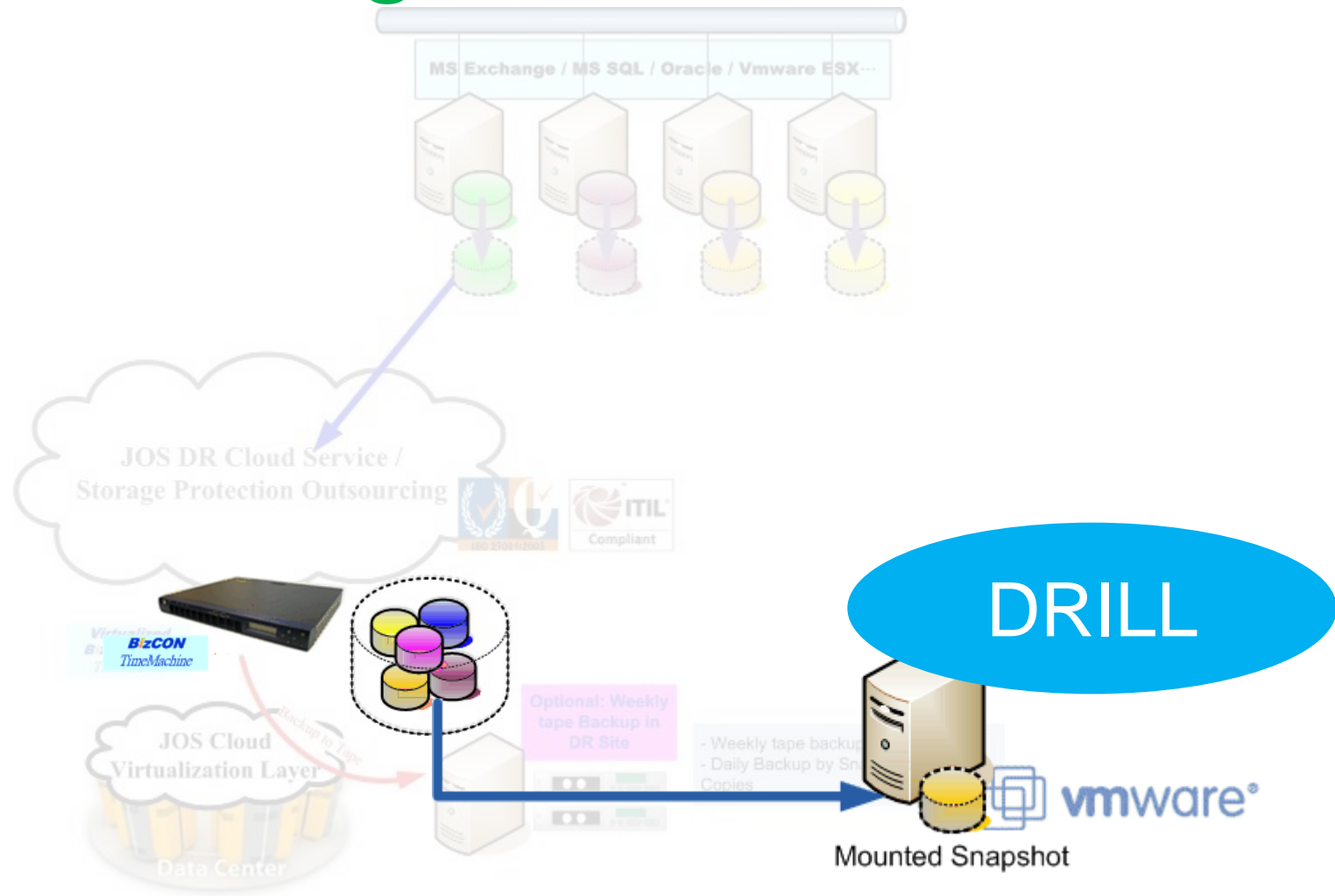
```

2010-10-15 00:04:12 Disk=0, Partition=0 Sync Log len = 635872
2010-10-15 00:04:12 Disk=0, Partition=0 Disk 0, Backup success;Delta=576.00 KB; Time=0d00h00m00s; Transfer
2010-10-15 00:05:09 Disk=1, Partition=1 Initializing backup...
2010-10-15 00:05:09 Disk=1, Partition=1 Sync Log len = 35904
2010-10-15 00:05:09 Disk=1, Partition=1 Disk 1:1, Backup success; Delta[35.03 KB]; Time[0d00h00m00s]; Tra
2010-10-15 00:05:12 Disk=0, Partition=0 Initializing backup...
2010-10-15 00:05:12 Disk=0, Partition=0 Sync Log len = 425696
2010-10-15 00:05:12 Disk=0, Partition=0 Disk 0, Backup success;Delta=376.34 KB; Time=0d00h00m00s; Transfer
  
```

# Our Cloud Approach – the most economical model

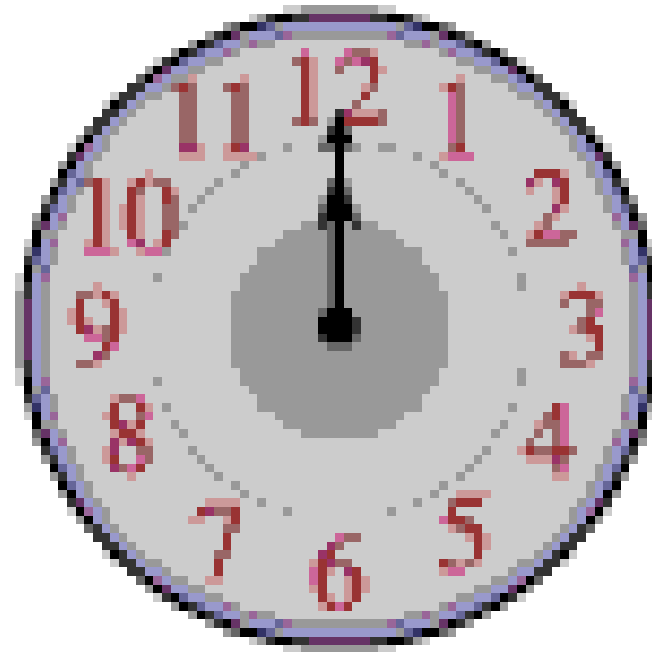


# Our DR Outsourcing Service – AutoDRILL©





# Backup w/ContinuityAssurance ©



# Backup w/ContinuityAssurance ©

Drill from **DAYS**  
to **seconds**

**10TB**  
TOTAL CAPACITY



Dear Customer,

This is the Autodrill report, please find the report details below:

Generic Verify:

```
-----  
*Service verify : BSyncService           Status: Running  
*Service verify : IISADMIN                Status: Running  
*Service verify : MSSQL$MICROSOFT##SSEE   Status: Running  
*Service verify : MSSQLFDLauncher         Status: Running  
*Service verify : MSSQLSERVER             Status: Running  
*Service verify : SQLWriter               Status: Running  
-----
```

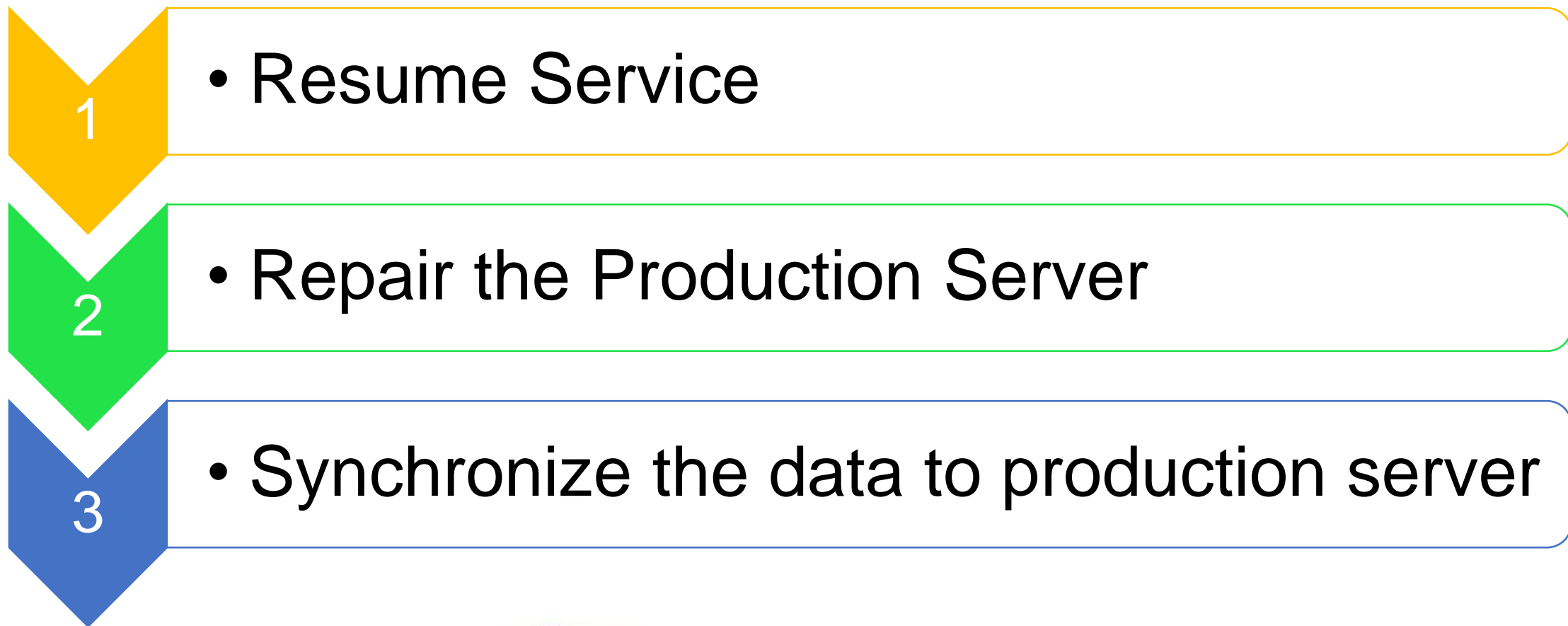
Database info:

```
-----  
Database total count: 23/1/2013 3:53:47  
-----
```

Drill Duration:

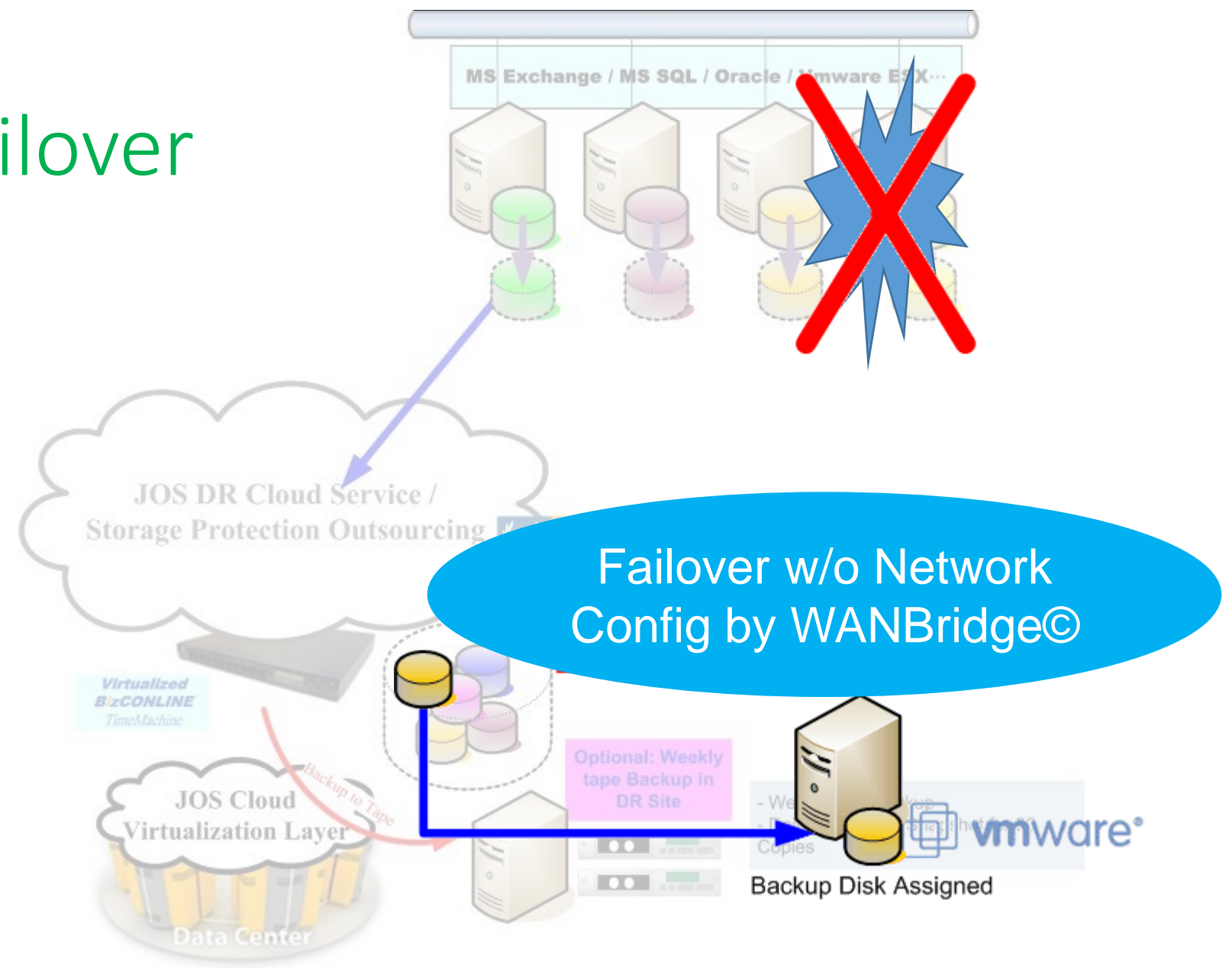
```
+++++  
StartTime: 24/1/2013 0:00:11  
EndTime: 24/1/2013 3:57:48  
TotalTime: 216.6 Seconds  
+++++
```

# Define New DR Standard for SME

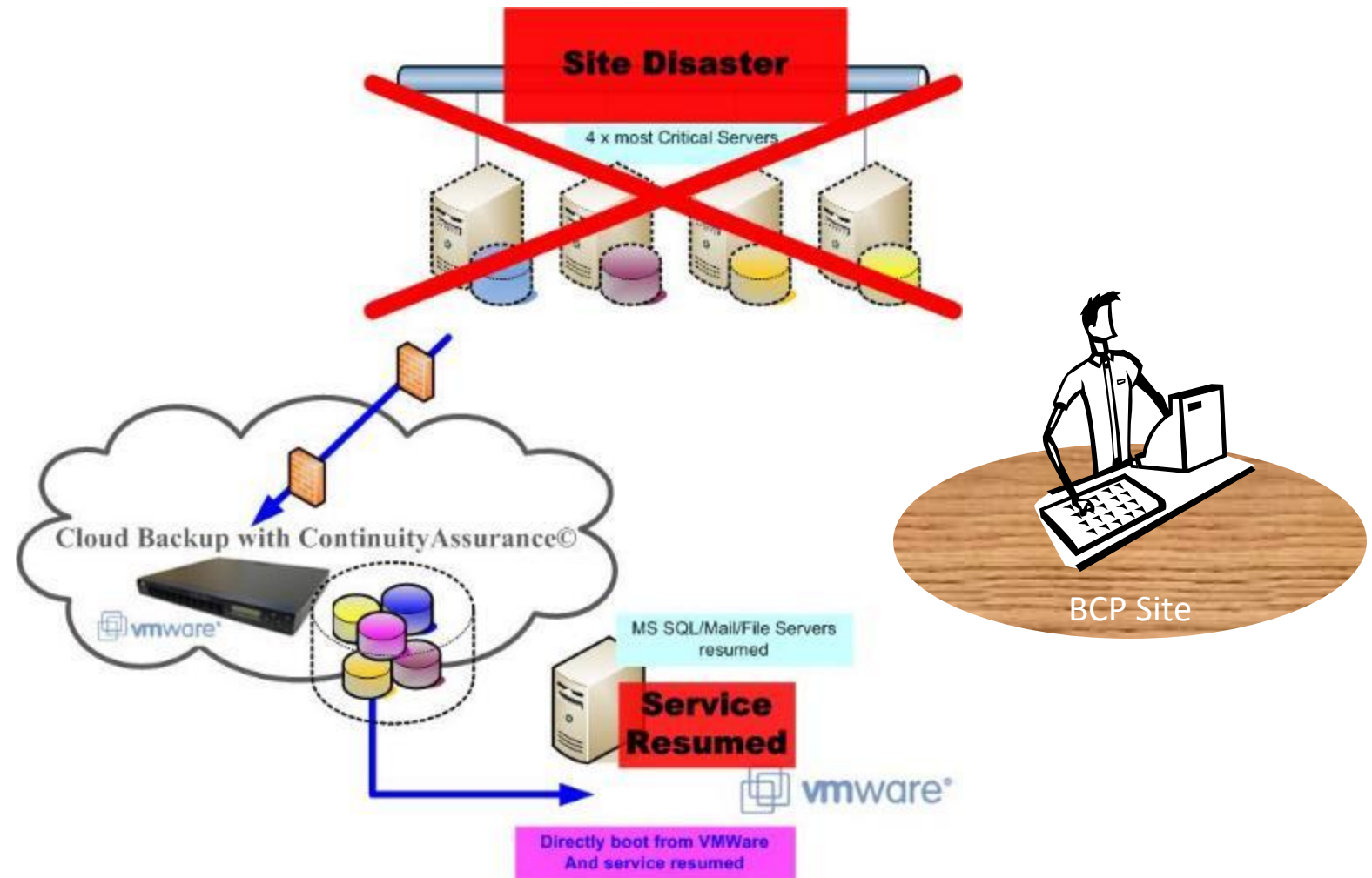




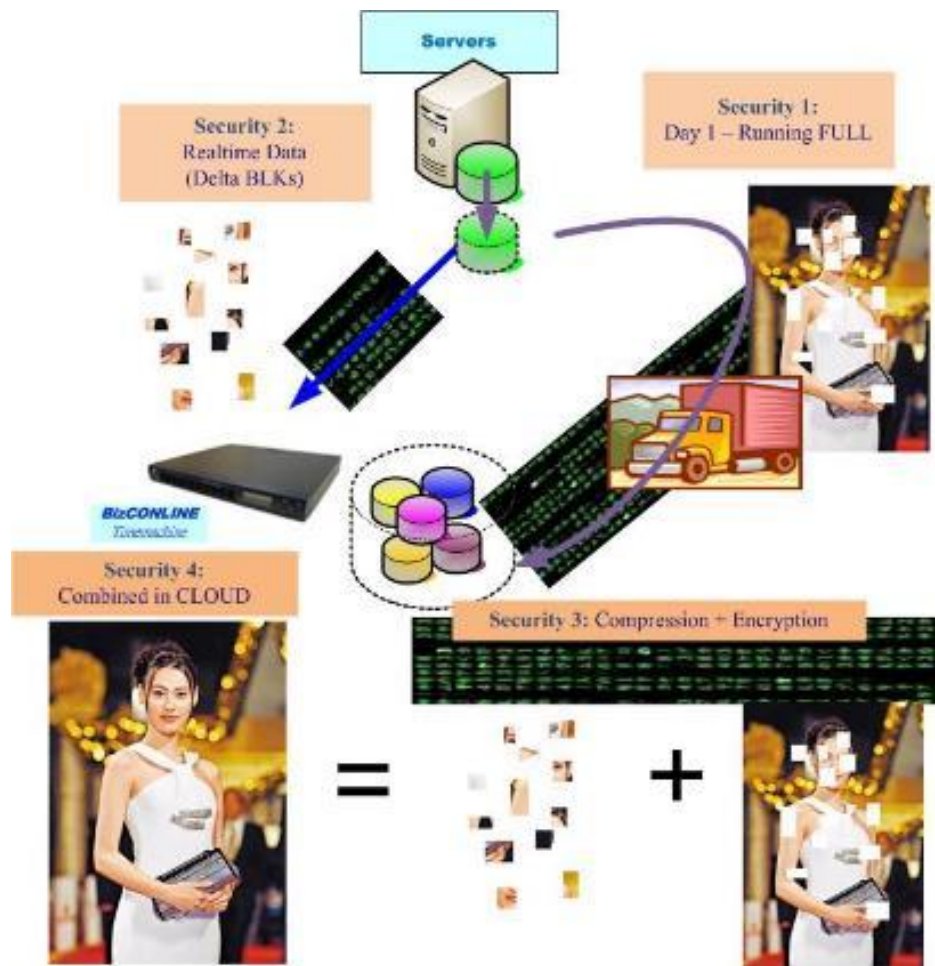
# Transparent Failover



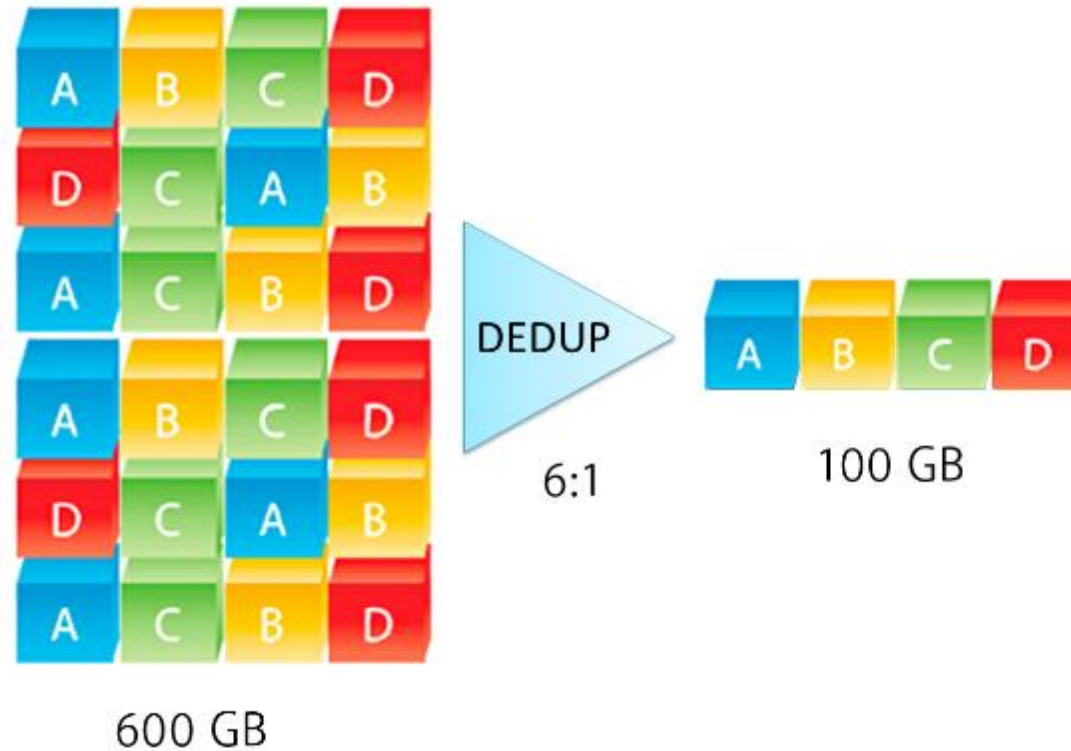
# Business Continuity for Site Failover



# Security Protection



# Encryption and deduplication



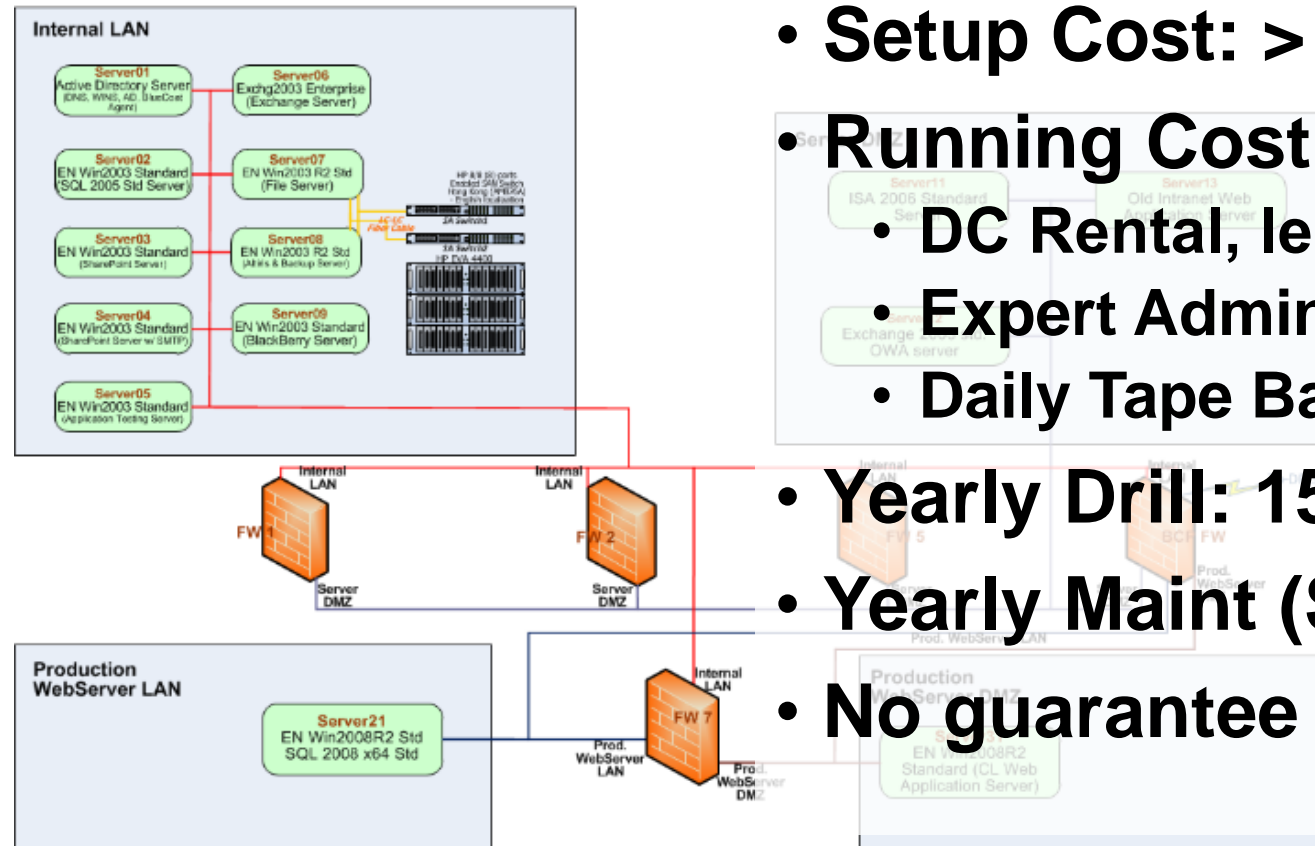


# Cases Study



# Tesco International sourcing

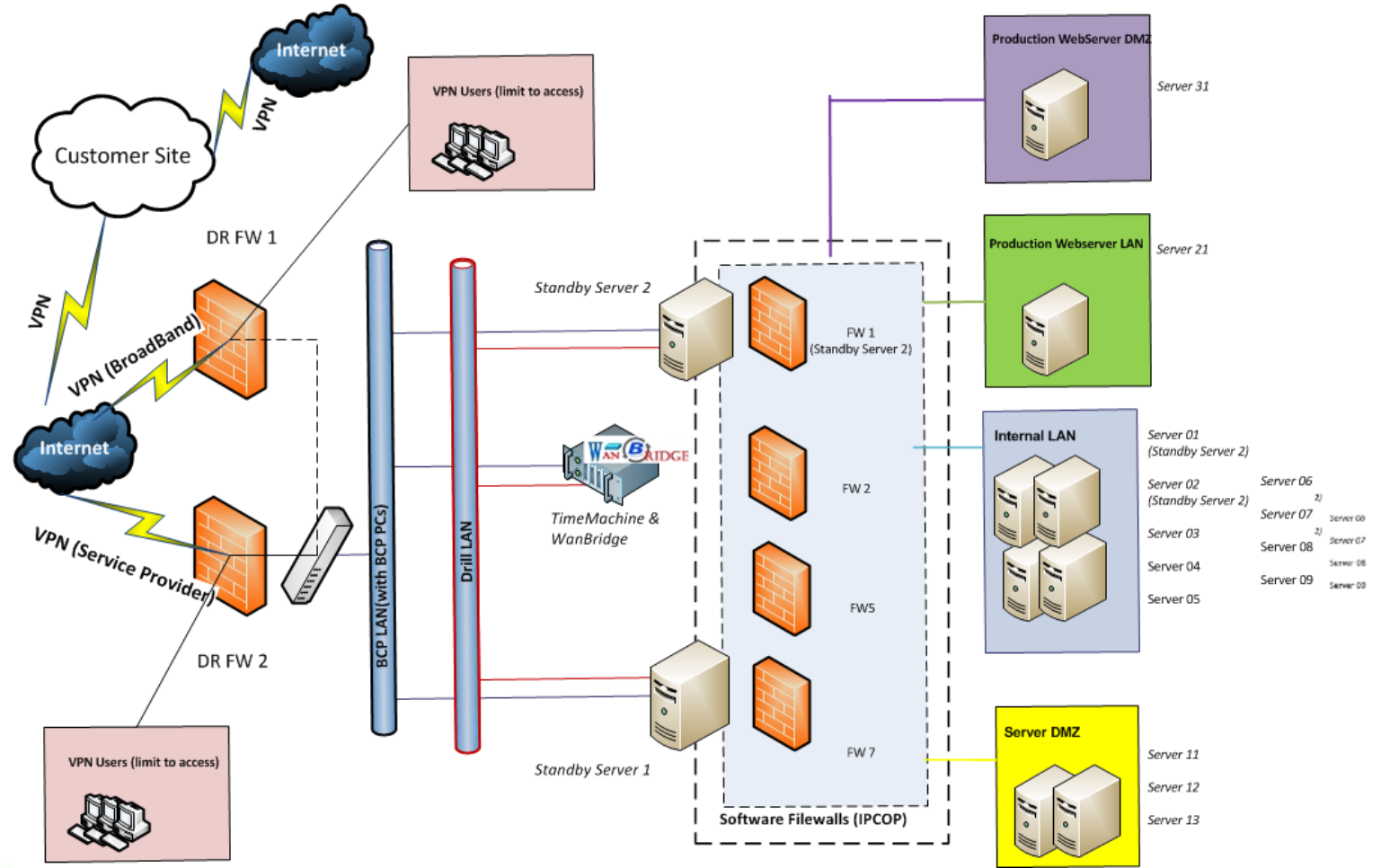
Company A HK Network Diagram - BCP Servers List (Client Requirements)



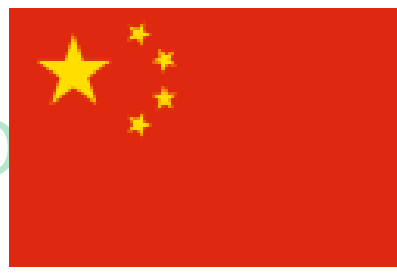
- Setup Cost: > Million
- Running Cost: 50K/month
  - DC Rental, lease line,...
  - Expert Admin Cost x 2
  - Daily Tape Backup Operation
- Yearly Drill: 150K
- Yearly Maint (SW+HW): >200K
- No guarantee on Recovery

# Tesco International sourcing

Company A Network Diagram – DR Overview (Final design in DR Site)



# Benefit from Tesco



- Branch Office
- Bangladesh
- Cambodia
- Egypt
- India-Bangalore
- India-Delhi
- Shanghai
- Sri Lanka
- Turkey





# Falcon Insurance

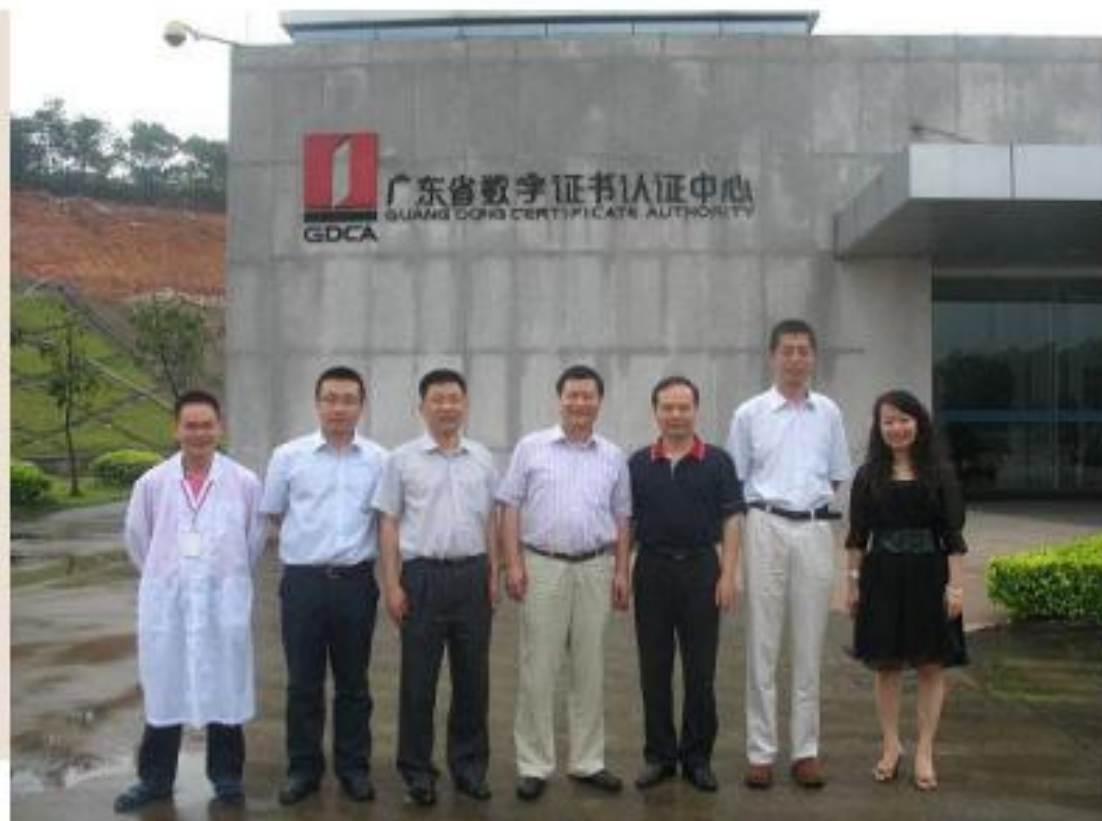


# 梅州信息网络中心远程容灾方案

## 自动数据演练技术提升容灾管理

信息网络在促进经济发展、社会进步、科技创新的同时，也带来十分突出的数据安全问题。信息系统的运行过程中充满了风险和威胁，许多不可测因素如自然灾害、设备故障、误操作、病毒感染及黑客攻击等随时可能发生。任何一个环节发生故障和灾难，都可能会导致业务无法正常进行，使得重要数据破坏和丢失，严重时甚至会造成恶劣的政治影响，影响社会稳定。因此，作为一种保证数据安全和业务连续的重要技术和管理手段，容灾系统建设的必要性不言而喻。

(右图: BizCONLINE 合作伙伴广东省数字认证中心)



# 2014 REFERENCE CASE



梅州市信息中心



云浮市信息中心



珠海市教育局



南雄市信息中心



# References



# Awards





# WITH BACKUP & DR OUTSOURCING

Most



low  
dard

IT

# Summary

Running Cost  
70% Saving  
Setup Reliability  
60% Saving  
100% Guarantee  
Daily Op & Admin  
ZERO

# Q&A