Pulse

IBM SolutionsConnect 2013

Unified Recovery at Allianz

Bobby Karim

June 2013

IBM

Why Consolidate Backup?

- Are we able to agree on a few things...
  - Data growth is a major pain and cause for concern
  - The IT environment is increasingly complex and difficult to manage
  - You would love to reduce costs, improve service levels and eliminate risks

Did Backup get harder?

Infrastructure

- Hardware Platforms
- Operating Systems
- Locations
- Networks
- Desktops Laptops

Applications

File and Print

Messaging

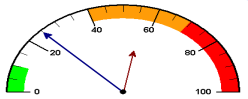
Database

Mission Critical

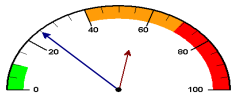
Failure Types

- File/Email Deletion
- Virus Attack
- Disk/Server Crash
- Local Disaster
- Regional Outage

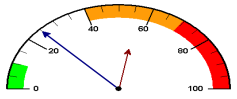
Recovery Considerations



RPO



RT



Labor, Systems

Impact on Applications

Solutions & Technologies

- Backup
- CDP
- Replication
- Snapshots
- DR / BC
- Deduplication
- Disk & Tape
- Virtual Tape
- Reporting

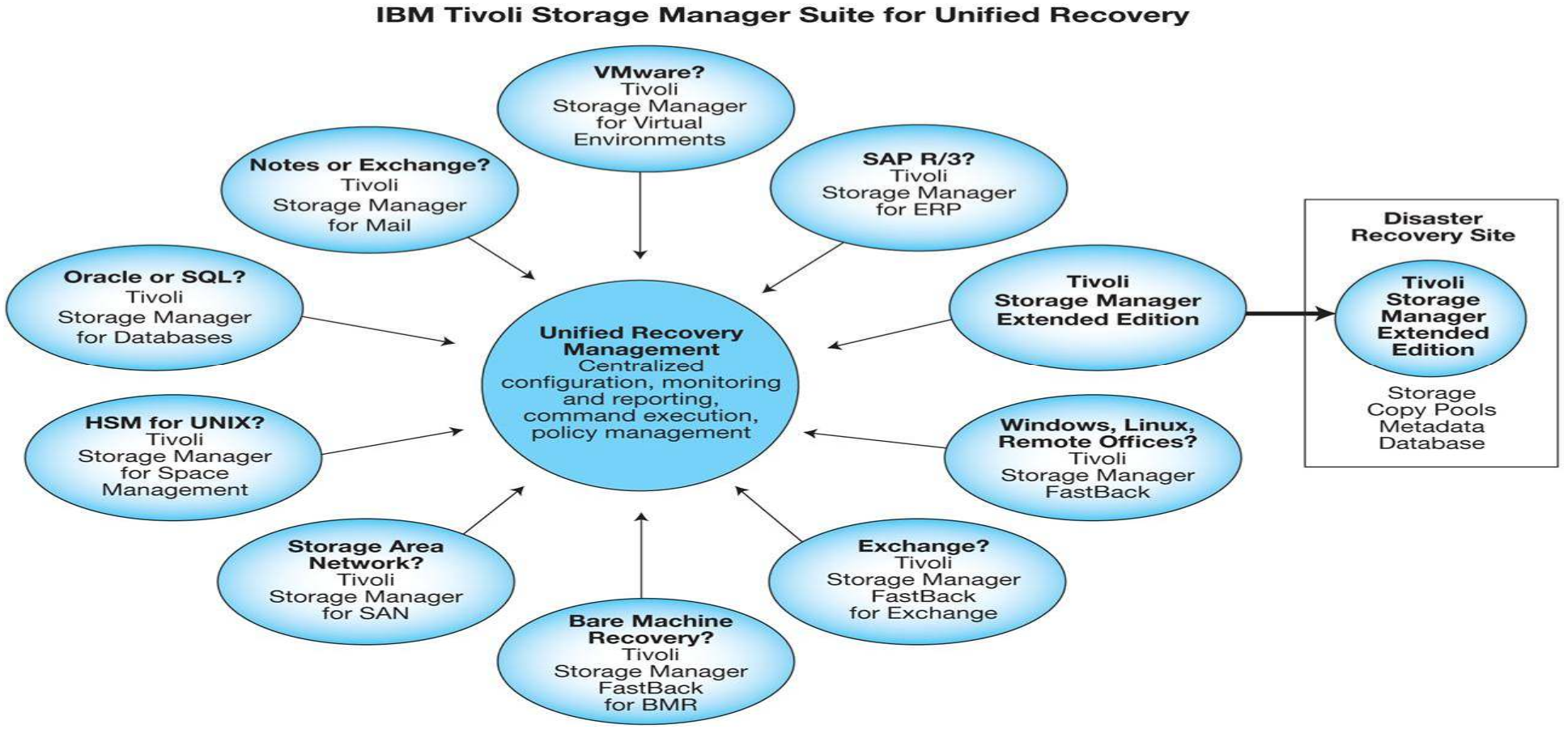
The complexities of data protection and recovery

Solutions & Technologies

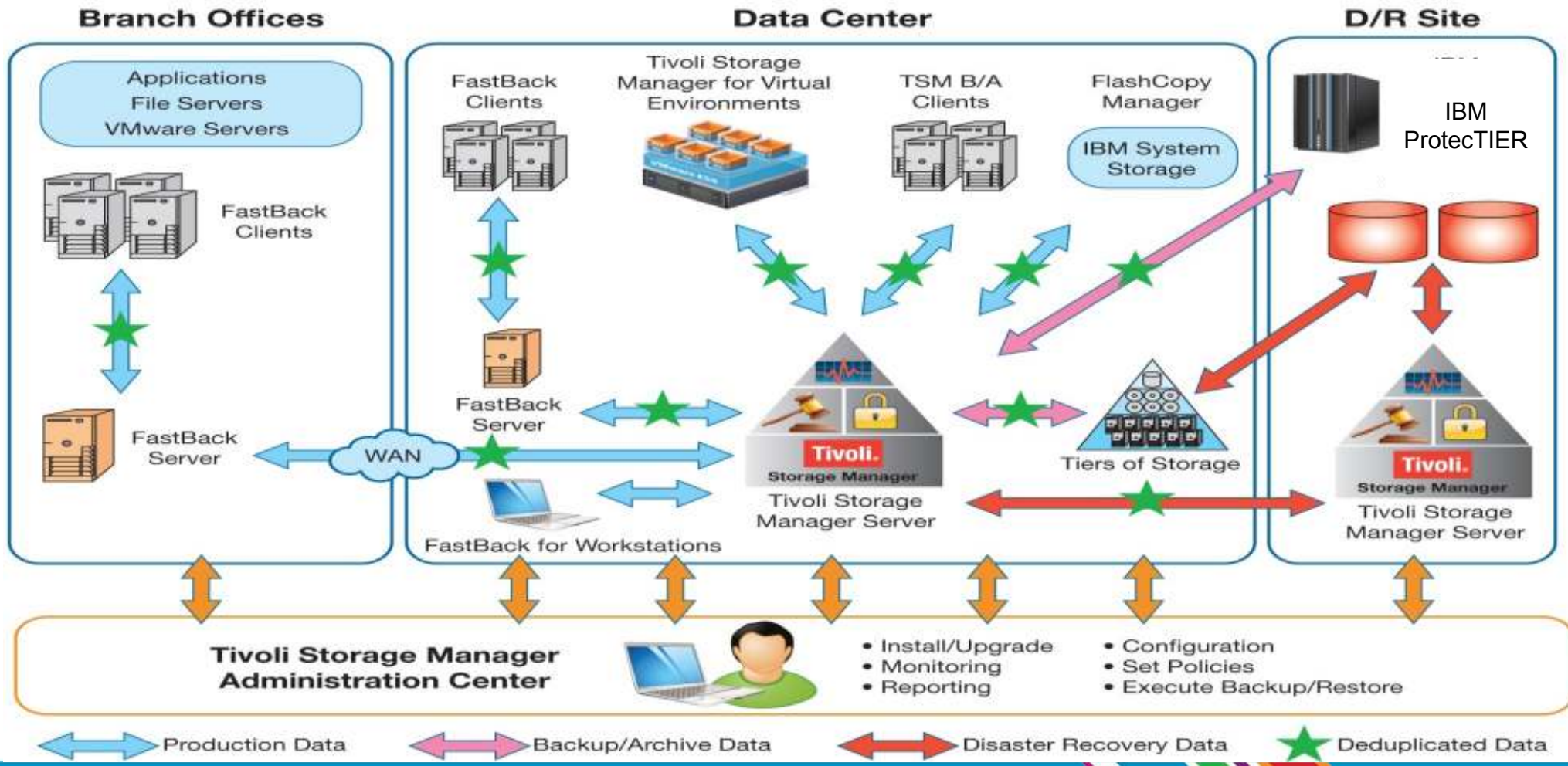
- Backup
- CDP
- Replication
- Snapshots
- DR / BC
- Deduplication
- Disk & Tape
- Virtual Tape
- Reporting

- How many different tools are you using to manage data protection and recovery?
- How many different admin tools do you have to use?
- Are they all located in one place, or scattered around the organization?
- Can one person have true visibility and control of the entire data protection and recovery infrastructure?
- How do you handle changes in the environment?

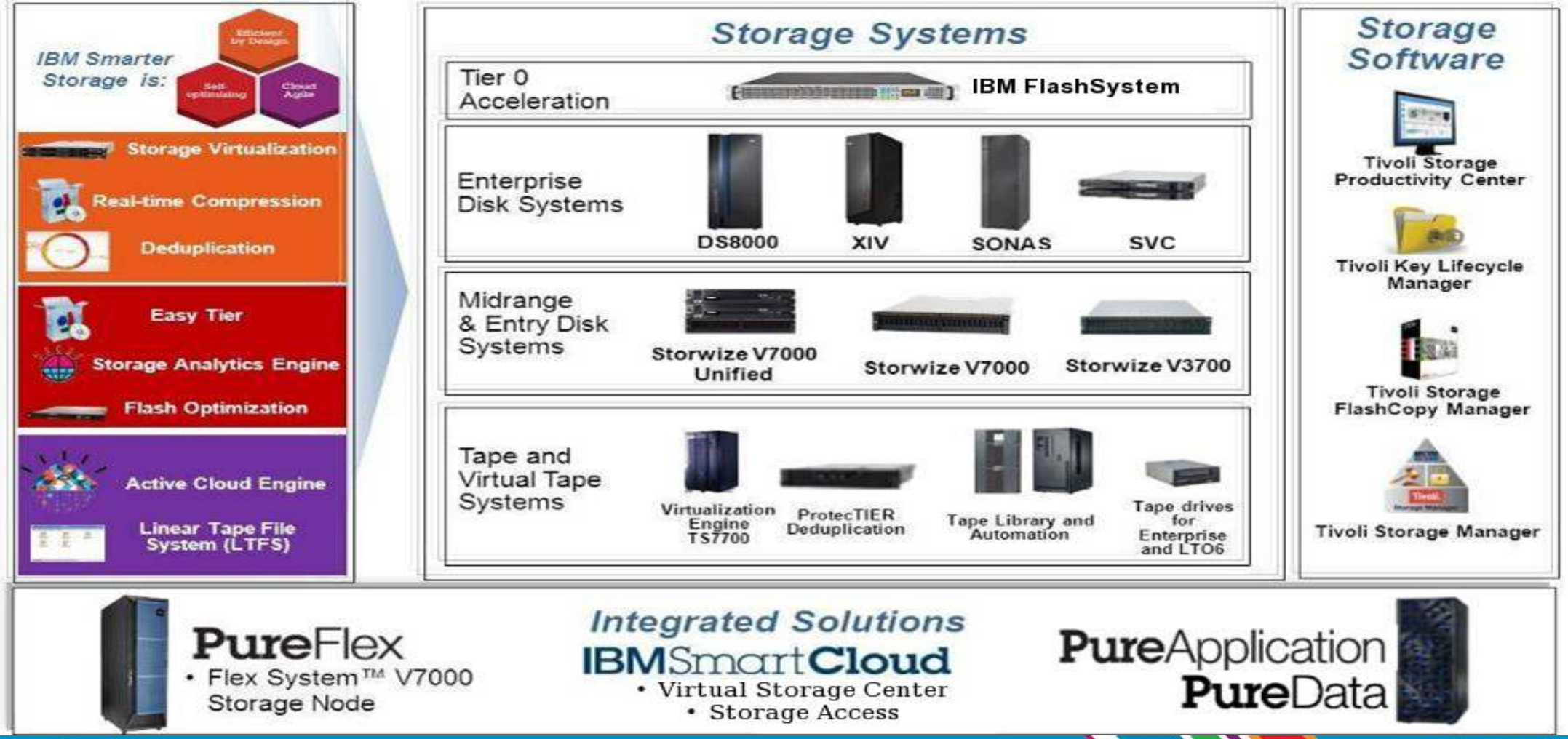
IBM Tivoli Storage Manger for Unified Recovery



Unified Recovery Solution = Smarter Data Protection



The integrated solution



Tivoli Operations Center

Is anything breaking or broken?

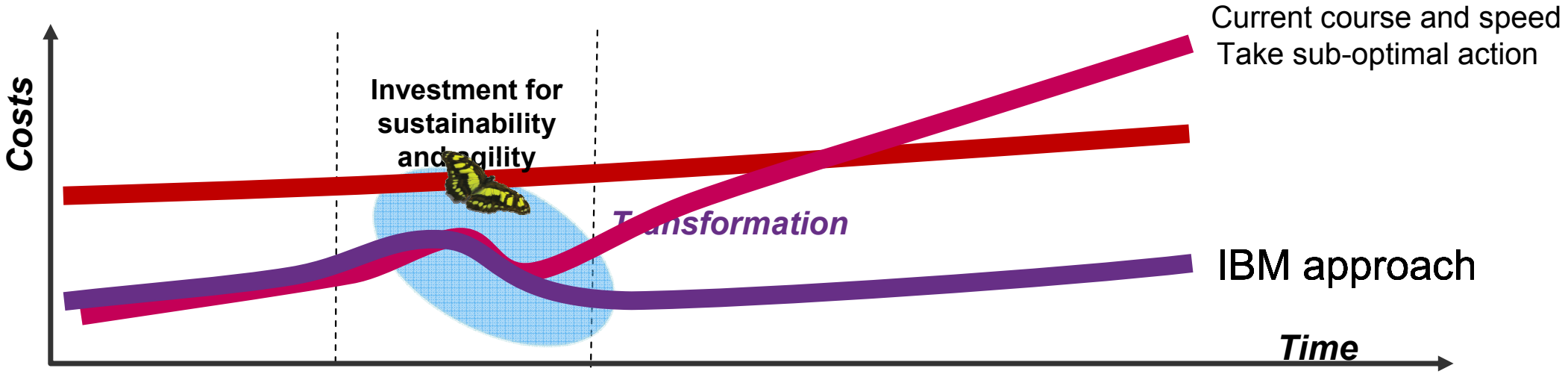
Are my backup servers healthy?

Is my data protected?

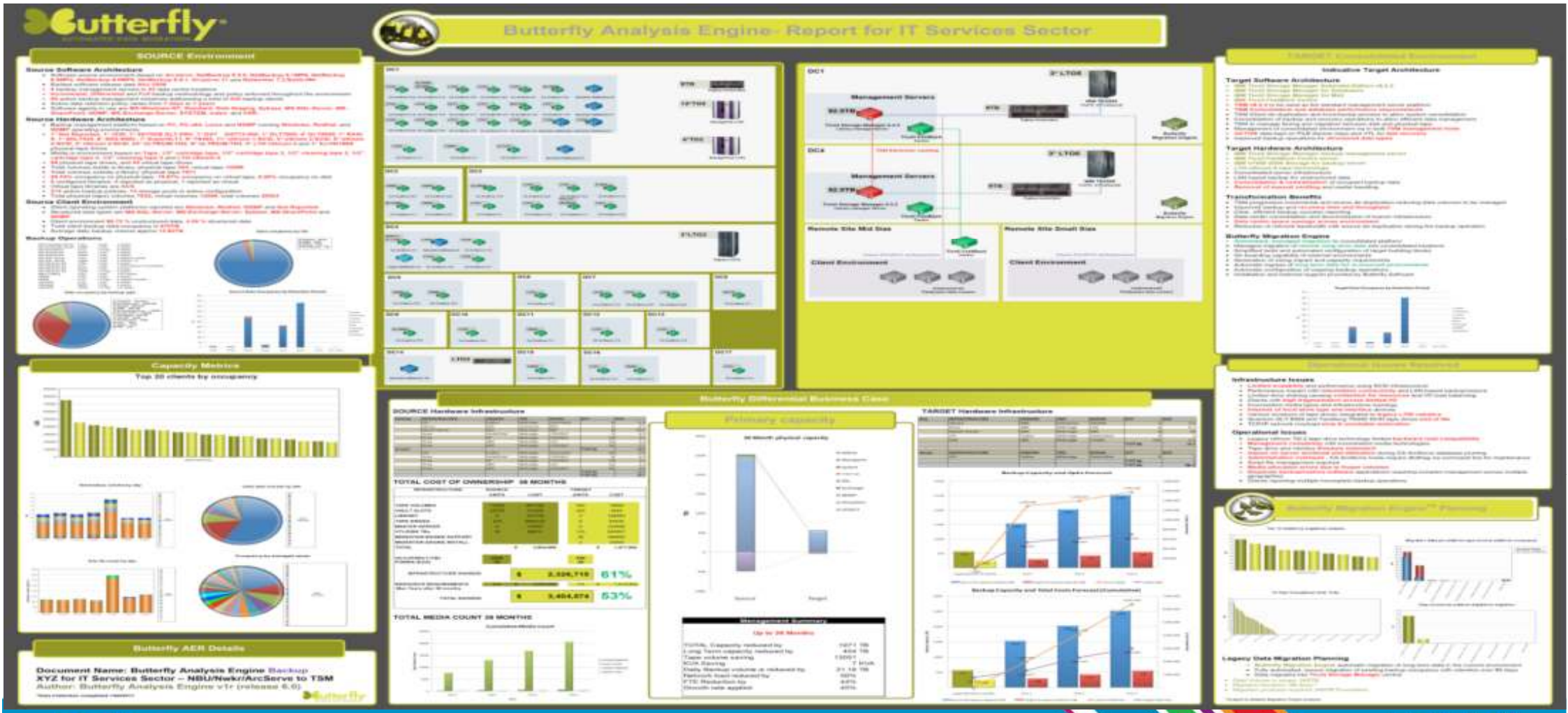
Do I have capacity?

How can IBM help?

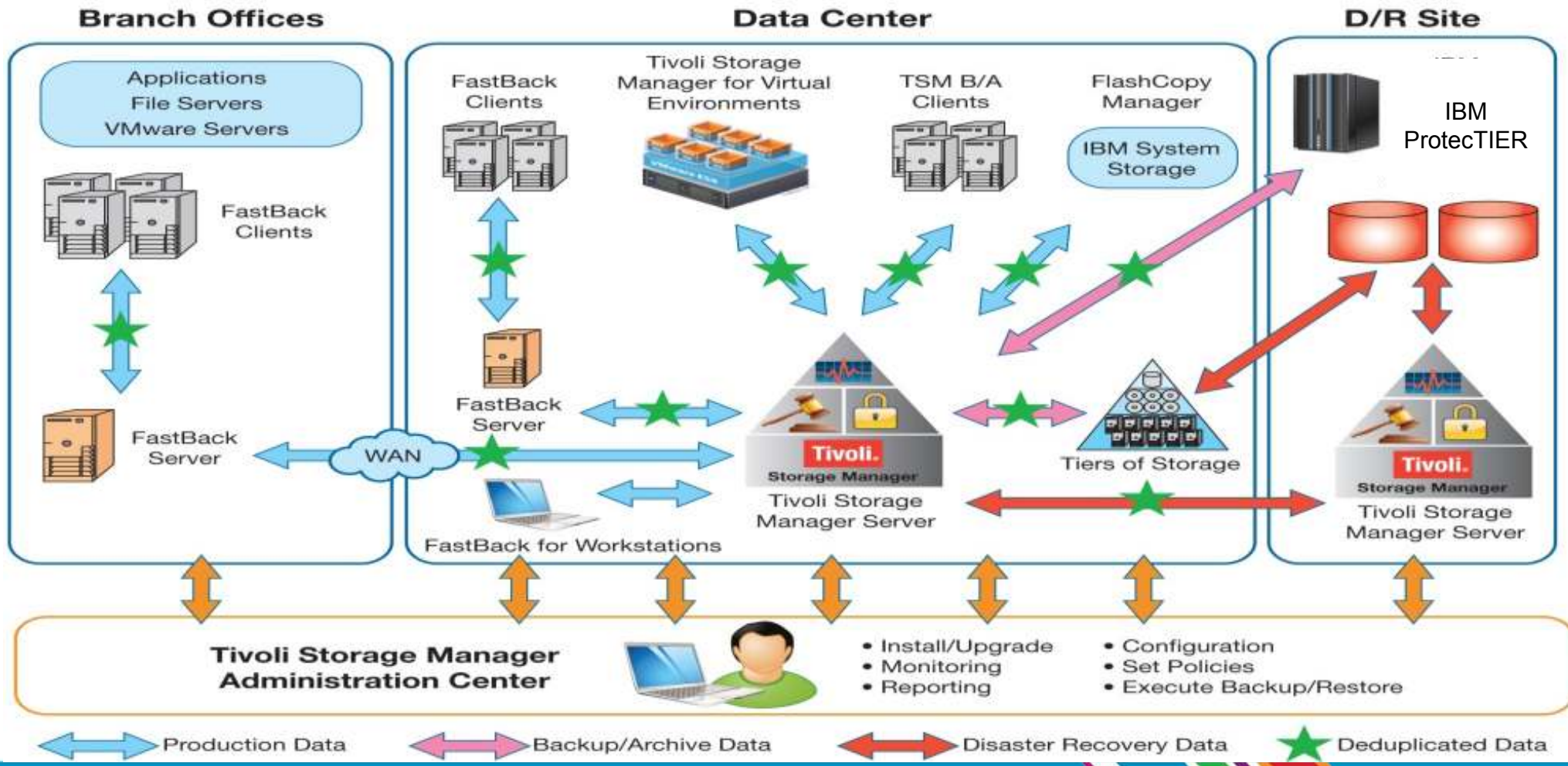
Save up to ***38% by consolidating your data protection to TSM 6.4****



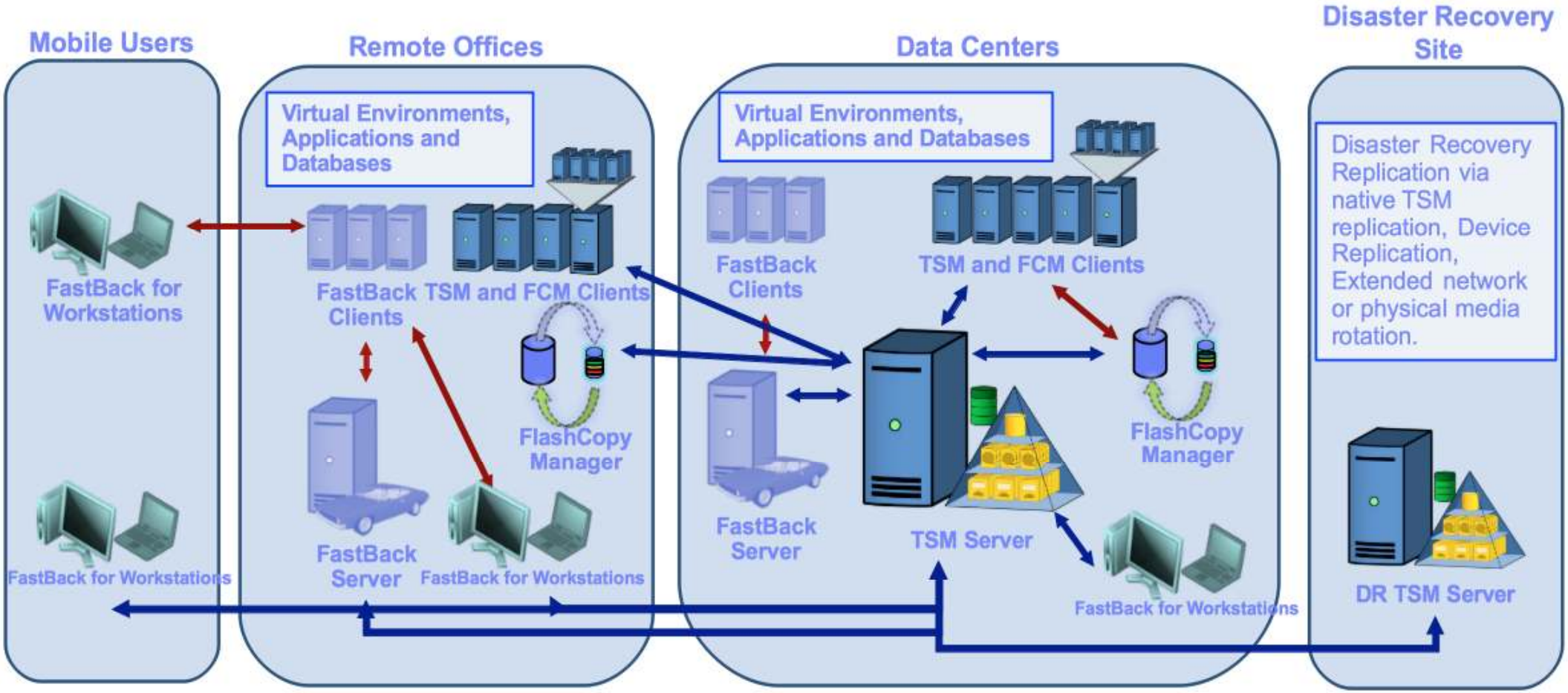
***Source:** Savings are the average of individual customer Analysis Engine Reports form Butterfly Software, May 2013, n+450. The savings include cumulative 36-month hardware, hardware maintenance and electrical power savings. Excludes one-time TSM migration cost. All client examples cited or described are presented as illustrations of the manner in which some clients have used IBM products and the results they may have achieved. Actual environmental costs and performance characteristics will vary depending on individual client configurations and conditions. Contact IBM to see what we can do for you.


Butterfly
Butterfly Analysis Engine- Report for IT Services Sector
SOURCE Environment
Source Software Architecture
Source Hardware Architecture
Backup Operations
Source Client Environment
Capacity Metrics
Top 20 clients by occupancy
Butterfly AER Details
Document Name: Butterfly Analysis Engine Backup
XYZ for IT Services Sector – NBU/Newkr/ArcServe to TSM
Author: Butterfly Analysis Engine v1r (release 6.6)
Butterfly Differential Business Case
SOURCE Hardware Infrastructure
TOTAL COST OF OWNERSHIP 36 MONTHS
61%
63%
TOTAL MEDIA COUNT 36 MONTHS
Primary capacity
TARGET Hardware Infrastructure
Backup Capacity and Data Forecast
Backup Capacity and Total Costs Forecast (Consolidated)
Indicative Target Architecture
Target Software Architecture
Target Hardware Architecture
Transformation Benefits
Butterfly Migration Engine
Infrastructure Issues
Operational Issues
Butterfly Migration Engine™ Planning
Legacy Data Migration Planning

Unified Recovery Management + Data Reduction = Smarter Data Protection



IBM's Unified Recovery Strategy



Thank You

Questions?