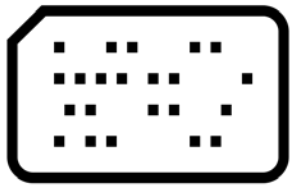
datacentrix showcase 2017
the reality of singularity

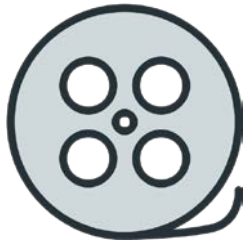
datacentrix

BACKUP-AS-A-SERVICE

History of Backup



1960



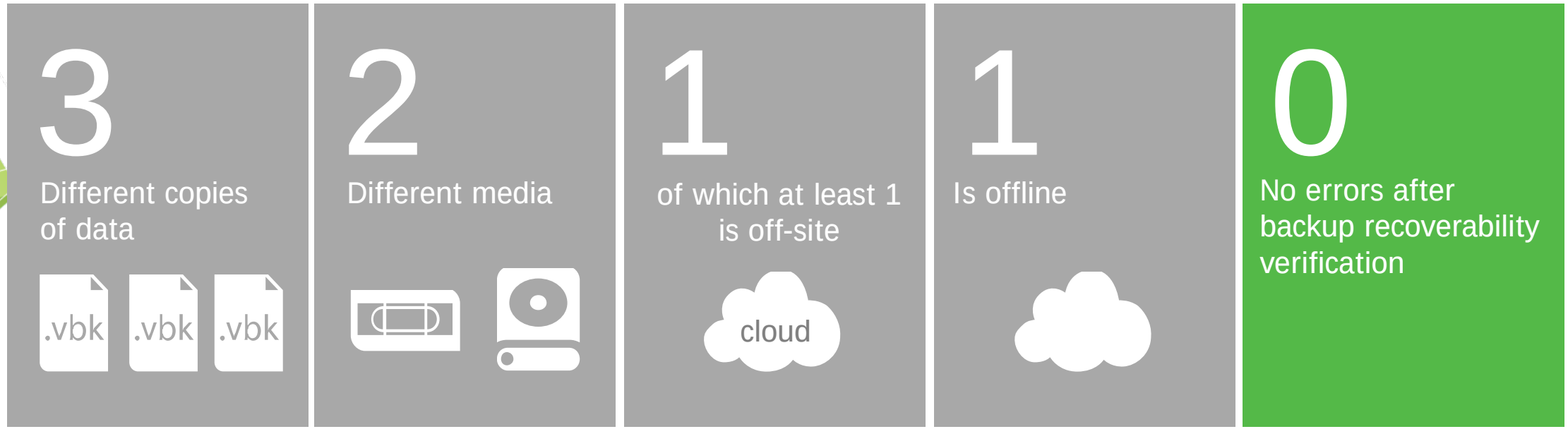
1990

2000

2008

2017

Backup Design



- Must be encrypted for complete security, even when using tape
- Immediately sent offsite and stored safely away from the businesses
- Multiple copies need to be stored in multiple places
- Should be restore-able at any given point in time.

Backup as a Service Models

	Hardware	Software	Operations
Backup **Infrastructure** as a Service	datacentrix	Customer	Customer
Backup **Platform** as a Service	datacentrix	datacentrix	Customer
Backup **Solution** as a Service	datacentrix	datacentrix	datacentrix

Understanding the real costs of Backup

- **Operating expenses** = *premises and associated costs*
- **Capital costs** of hardware and software
- **Maintenance** of hardware and software
- **Consumable** costs
- **Storage costs** = *Off-site Tape Storage*
- Cost of **Human capital** = *training and skills retention*
- Issue **resolution time** = *the average cost of time it takes to solve a specific problem*

Considerations

- **Tape vs Disk – “Tape is dead”**
- **“On-prem” vs “Off-prem”**
- **Challenges of moving backups offsite**
  - Network connectivity
  - Deduplication and compression
  - BitBackup technology
  - Security
- **Flexibility & Growth**
- **Licensing Models**

Why outsource your backup to Datacentrix?

- **Broad solutions offering**
  - *On-prem / Off-prem / Hybrid*
  - *Certifications and expertise in a variety of hardware and software vendors*
- **Highly skilled staff**
- **Competitive pricing model**
  - Economies of scale in how we buy