We'll store your data for 25 years, 100% guaranteed data safety

/Arkivum
Every bit archived

Arkivum service in a nutshell

SLA with 100% data integrity guaranteed	World-wide professional indemnity insurance	Long term contracts for enterprise data archiving	Fully automated and managed solution	Audited and certified to ISO27001
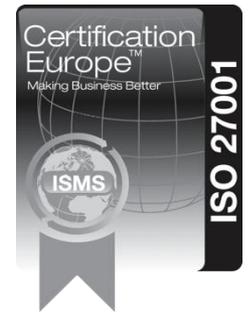
Low cost

- Way to cope with data growth
- Free up expensive resources
- Eliminate the 'cost of loss'

High safety

- Requirements: reuse, compliance
- Data: immutable, replicated, managed

Easy access

- Retrieve data when its needed
- Speed: minutes, not milliseconds

20 years of keeping content alive

Media

Monitoring
Maintenance

Integrity
checks

Hardware
upgrade

Software
migration

Hardware
migration

Staff
transition

Format
migration

Time

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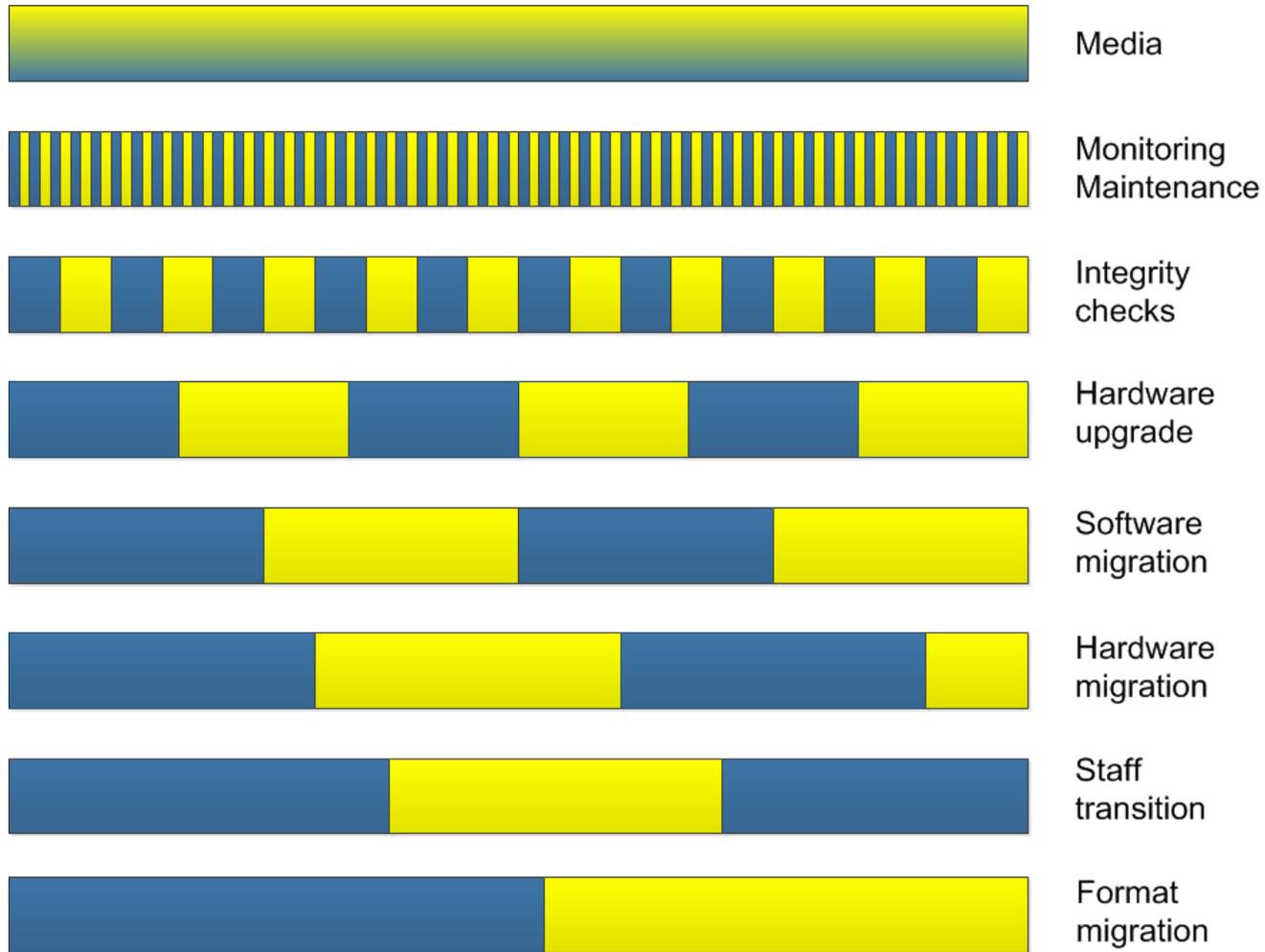
Ingredients

- Skilled and trained people
- Validated processes and procedures
- Comprehensive risk management
- Specialist infrastructure
- Economies of scale
- Independent audit and validation

Built in exit-strategy

- Full copy of data in escrow (encrypted)
- Metadata and data on a file system
- Open standards and formats
- 3-way agreement on ownership/access
- Drive down costs and risks

Example customers

Observations on the Digital Preservation Community

- Complex and challenging landscape
- Long timescales, limited budgets
- Reluctance to act
- Fear of doing the wrong thing

Observations on the Digital Preservation Community

- Emerging products and services
- Specialist vendors
- Need for long-term partnerships
- Nurture the shoots

Thoughts on requirements

- Specify what's needed, not how to do it
  - Allows flexibility on design/implementation
  - More likely to be future proof
  - Think services, contracts and SLAs
  - Technology is only a small part of preservation

Thoughts on requirements

- Try not to be alone
  - Bespoke = time, cost, risk
  - Commonality = market, user base, multipliers
  - Use standards and shared specifications
- Safety and strength in numbers
  - Paradox of 'You don't get fired for buying IBM'

Thoughts on requirements

- Dialog
  - Discussion, clarification, advice
  - Demos, proof of concept, pilots, trials
  - Both sides learn a lot through small steps
  - Cut down the costs and the risks

Example: Tate Gallery

- Well defined ITT
- Specific about needs
  - Volumes
  - Safety
  - Access
  - Timeframe
  - Budget
- Discussion as part of the process
- Ongoing collaboration
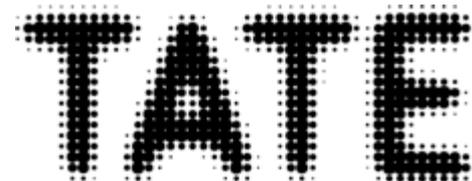
TATE

Example: University of Leeds

- ePrints integration
- Joint specification of workflows
- Joint agreement on scope and approach
- Proof of concept → Pilot
- Sharing of results with other Universities
  - Scenarios, development work, testing
  - Problem shared is a problem solved

Discussion

Q & **A**
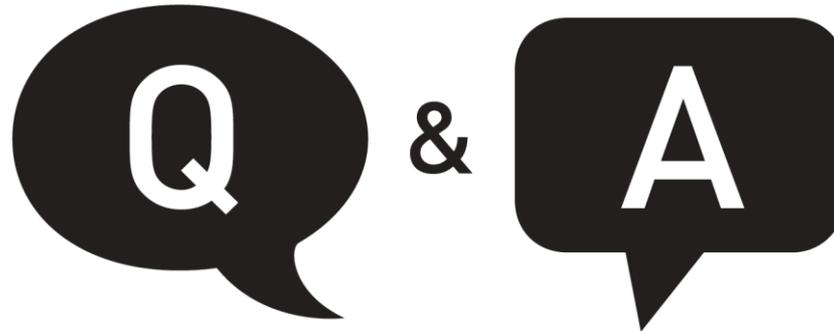
We know that entrusting someone with your data raises serious questions, we're here to answer them.

info@arkivum.com
+44 1249 405060
www.arkivum.com