Kovaion Data Archival Solution

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DATA ARCHIVAL SOLUTION

OVERVIEW

Process of moving vital, inactive data to a record-keeping storage location

```
           ARCHIVAL
          ↙        ↘
PHYSICAL            LOGICAL
SEGREGATION        SEPARATION
OF DATA            OF DATA
```
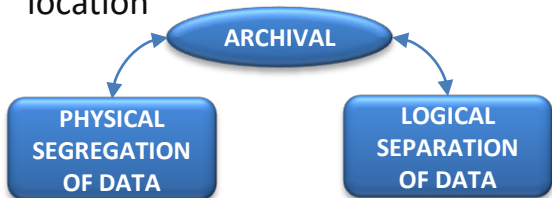
NECESSITY

✓ Data Lifecycle Management

✓ Improve Performance

✓ Save Cost

✓ Data Retention for posterity

SEGMENT

- HCM
- ERP
- CRM

BENEFITS

Efficiency
- Quick load of application pages
- Faster retrieval of transaction data
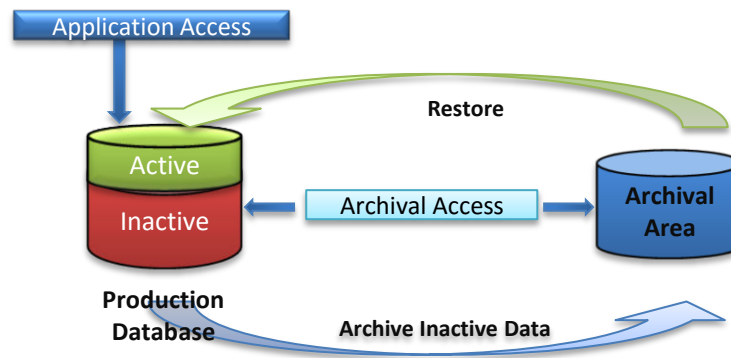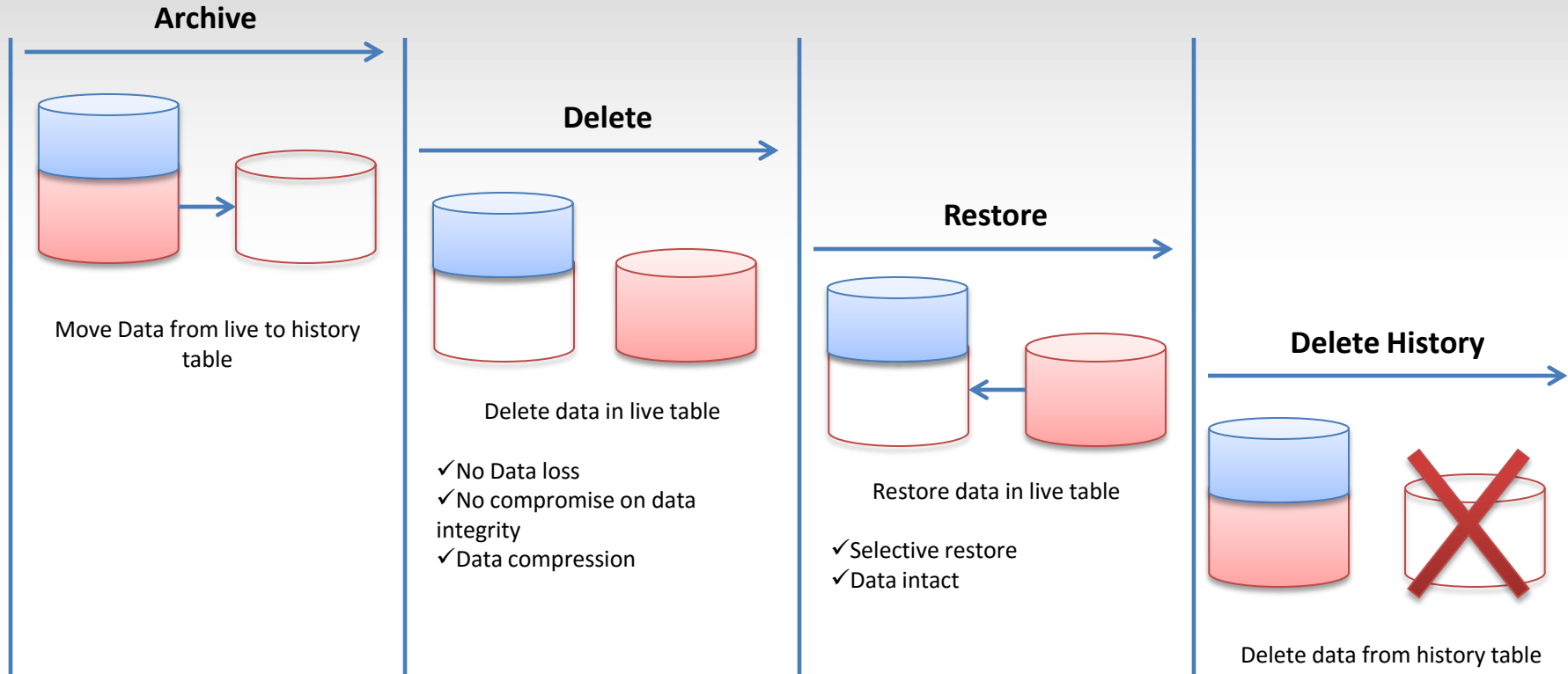- Lesser execution time for processes and reports

Stability/ Reliability
- Greater system availability through reduced data volumes in the database
- Load tolerant

Cost Effectiveness
- Lesser the size of database, better the savings.
- Less processors required to process large data repositories

INDUSTRY APPROACH

Application Access

Active

Inactive

Restore

Archival Access

Archival Area

Production Database

Archive Inactive Data

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DATA ARCHIVAL– ARCHIVAL TOOL

Archive

Move Data from live to history table

Delete

Delete data in live table

✓No Data loss
✓No compromise on data integrity
✓Data compression

Restore

Restore data in live table

✓Selective restore
✓Data intact

Delete History

Delete data from history table

At Every Stage - Auditing, Data Compression, Data Integrity

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Data Archival delivers the following benefits

- Improve system reliability

- Reduce batch/online processing times

- Effective utilization of available infrastructure

- Reduce space allocation by purging data in Non-production environments

Salient features of Kovaion Archival Solution includes

- Inbuilt Database Maintenance activity on archive tables.

- Table locking to preserve structure on archive tables.

- Approach to handle non-structured tables.

- Unique approach to handle partitioned object archival.

ARCHIVING SUCCESS STORY

ABOUT CUSTOMER

A Leading Staffing Organization in Europe, UK

PeopleSoft HCM & FSCM as Core Back Office Solution

40000 Workers, Weekly Payroll, Million transactions/month

PRODUCTS

PeopleSoft

- HCM
- FSCM
- CRM
- Integration Hub (Portal)
- ELM

Project Goals & Objectives

- ✓ **Key Objectives**
  - Improving application performance
    - better response time of application online pages, reports and batch processes
  - Effectively managing data growth
  - To reduce hardware and storage costs
  - To simplify tuning and maintaining large databases
  - To help PeopleSoft application developers with improved response time

- ✓ **Solution Features**
  - Scalable
  - Repeatable
  - Flexible for future upgrades

ARCHIVING SUCCESS STORY

Project Phases
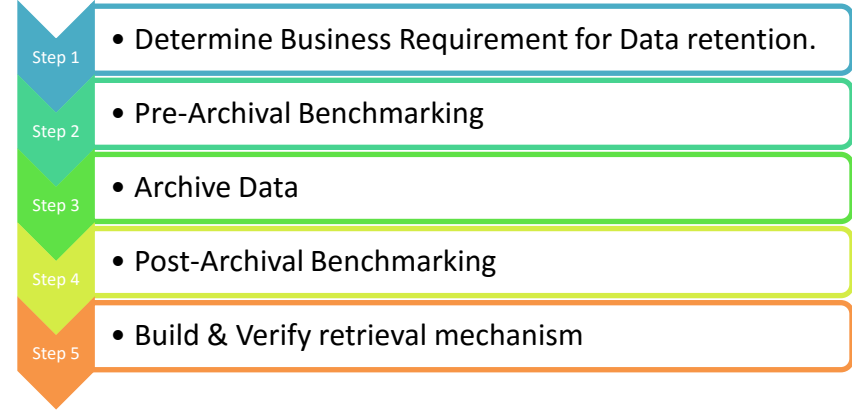
Phase I : PSFT HCM - Time Entry

Phase II : PSFT HCM - Time and Labor, Payroll

Phase III : PSFT FSCM – Billing, AR

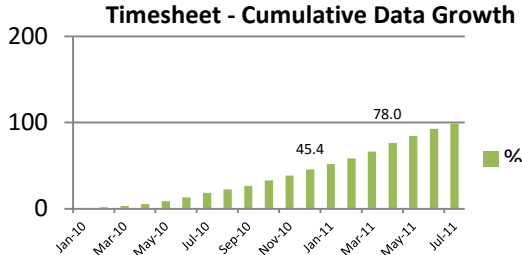## SOLUTION

Kovaion Data Archival

- PeopleSoft Data Archive Manager
- Table Locker
- Enriched Audit
- Handle Unstructured Data

Step 1	• Determine Business Requirement for Data retention.
Step 2	• Pre-Archival Benchmarking
Step 3	• Archive Data
Step 4	• Post-Archival Benchmarking
Step 5	• Build & Verify retrieval mechanism

ANALYSIS

Timesheet - Cumulative Data Growth

78.0

45.4

%

78% of Timesheet in the application table is older than 13 weeks.

BENEFITS

✓ 80% performance gain by effectively utilizing Kovaion archiving solution

✓ Solution implemented within weeks

✓ Most critical success factor – Nothing broke, No loss of data.

✓ Unique Approach for Global Payroll. Space gain of 20%.

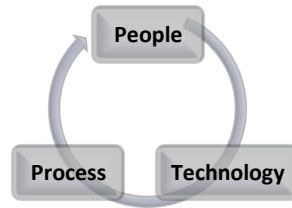✓ Able to replicate the solution for other modules.

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KOVAION – A SNAPSHOT

Oracle Alliance

Certified Consultants

Global Presence

Domain Expertise

Oracle **U**ser **G**roup Association

People

Process

Technology

Inception Labs

24x7

ODC -Support Centre

JAS-ANZ
ISO 9001:2008 CERTIFIED

Quality **M**anagement

OUR SUCCESS STORIES

A Leading Staffing Organization in Europe, UK

Kovaion is the "IT Strategy and Solution Partner" for the client's "Back Office IT" initiatives involving design and development of mission-critical applications to meet staffing needs, for end to end Finance and HR systems.

A London based multinational Risk Advisor, Insurance Brokerage and Reinsurance Brokerage Company, UK

Kovaion is part of the organization's Financial Transformation Program that aims to streamline their finance function in over 30 countries. The program involves standardization of Financial Language and roll out of Enterprise Financial Systems across the firm. Kovaion provides the customer with strategic requirements management and subject matter expertise on Enterprise Financials.

A Switzerland based multinational Investment Bank, UK

Kovaion was part of a global Procure-To-Pay program that transformed the procurement and payment operations across the firm in over 27 countries. The program included system rollout, business change management and shared services operations setup. Kovaion provided services to the Payment processing stream of the program, including delivery management, subject matter expertise, business process design and functional configuration management.

A British multinational banking and financial services company headquartered in London, India

Kovaion is part of the PeopleSoft HCM Production Support Group including Infrastructure. We work closely with Channels and Trade Application development team. Provided solutions for Upgrade Testing phases.

A global IT services provider and Telecommunication servicing organization, India

We play major role in PeopleSoft FSCM country roll-outs and PeopleSoft Cloud Infrastructure Support services.

A multinational, investment banking and insurance organization, India

Kovaion is part of the Technologies Shared Services team that focus on Implementation & rollout of Oracle Cloud Application(Fusion) and support of PeopleSoft HCM and FSCM application.

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