

# Kovaion Data Masking Solution

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## OVERVIEW

Obfuscation of Sensitive Data

Prevent data theft from non-production environment



## NECESSITY

- ✓ Prevents data theft
- ✓ Ensures regulatory compliance
- ✓ Adhere to audit Standards
- ✓ Improves customer confidence

## SEGMENT

- HR
- ERP
- Sales/Service

## BENEFITS

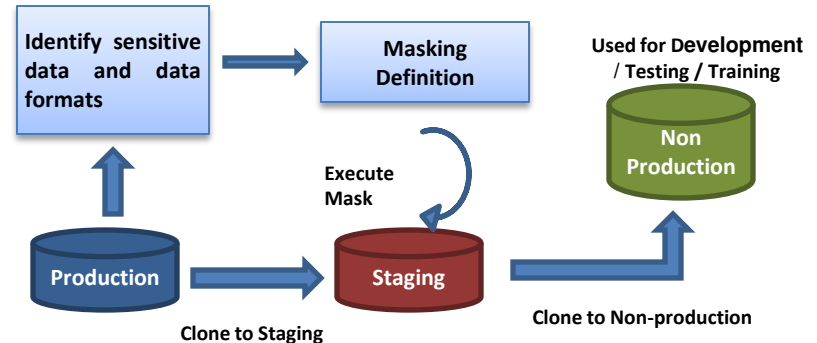
Enhances Data security: Concealing sensitive data facilitating the use of Production data in non-production environment.

Enables the use of realistic data sample for Development /Testing /Training /Data Analysis purposes

Address regulatory compliance requirements

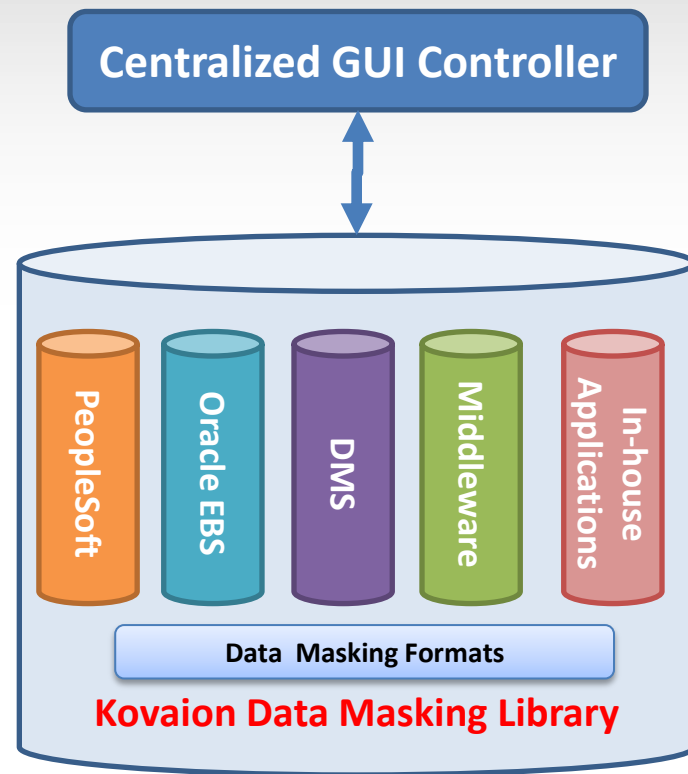
Saves time and increases security with data masking policies

## INDUSTRY APPROACH



## SALIENT FEATURES

- ✓ Helps analysts to easily locate Sensitive Data in production environment.
- ✓ **Kovaion Data Masking Pack delivers more pre-built data masking templates to create realistic values in non-production environment.**
- ✓ This pack uses its own libraries to effectively perform the masking.
- ✓ Ensures the Security while masking the production data.
- ✓ Easy interface helps the user to mask the data with ease.
- ✓ Template Driven.
- ✓ Application level masking instead of table level preserves consistency.
- ✓ Realistic, but meaningless values available for non-production purpose.
- ✓ Improves customer confidence.

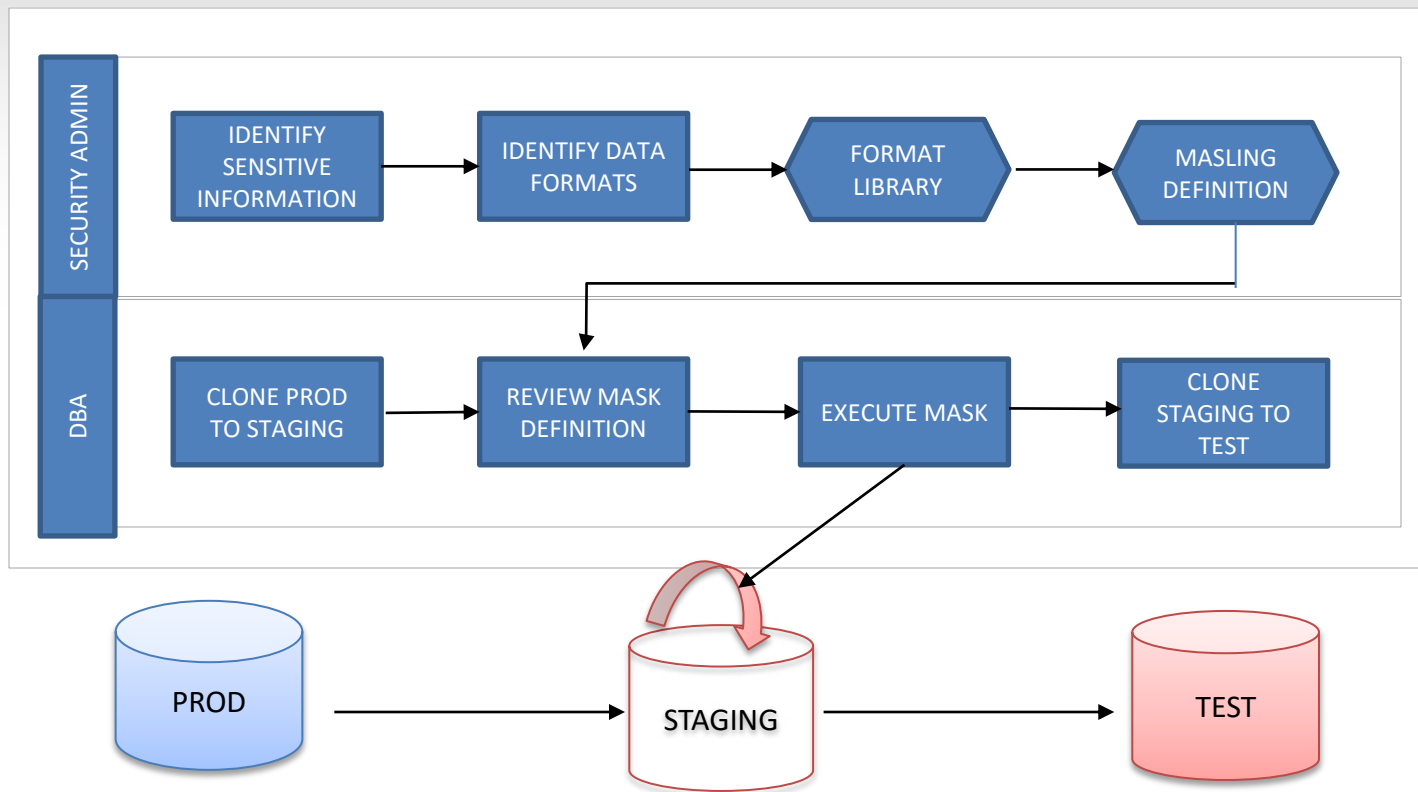


# MANUAL VS AUTOMATED DATA MASKING

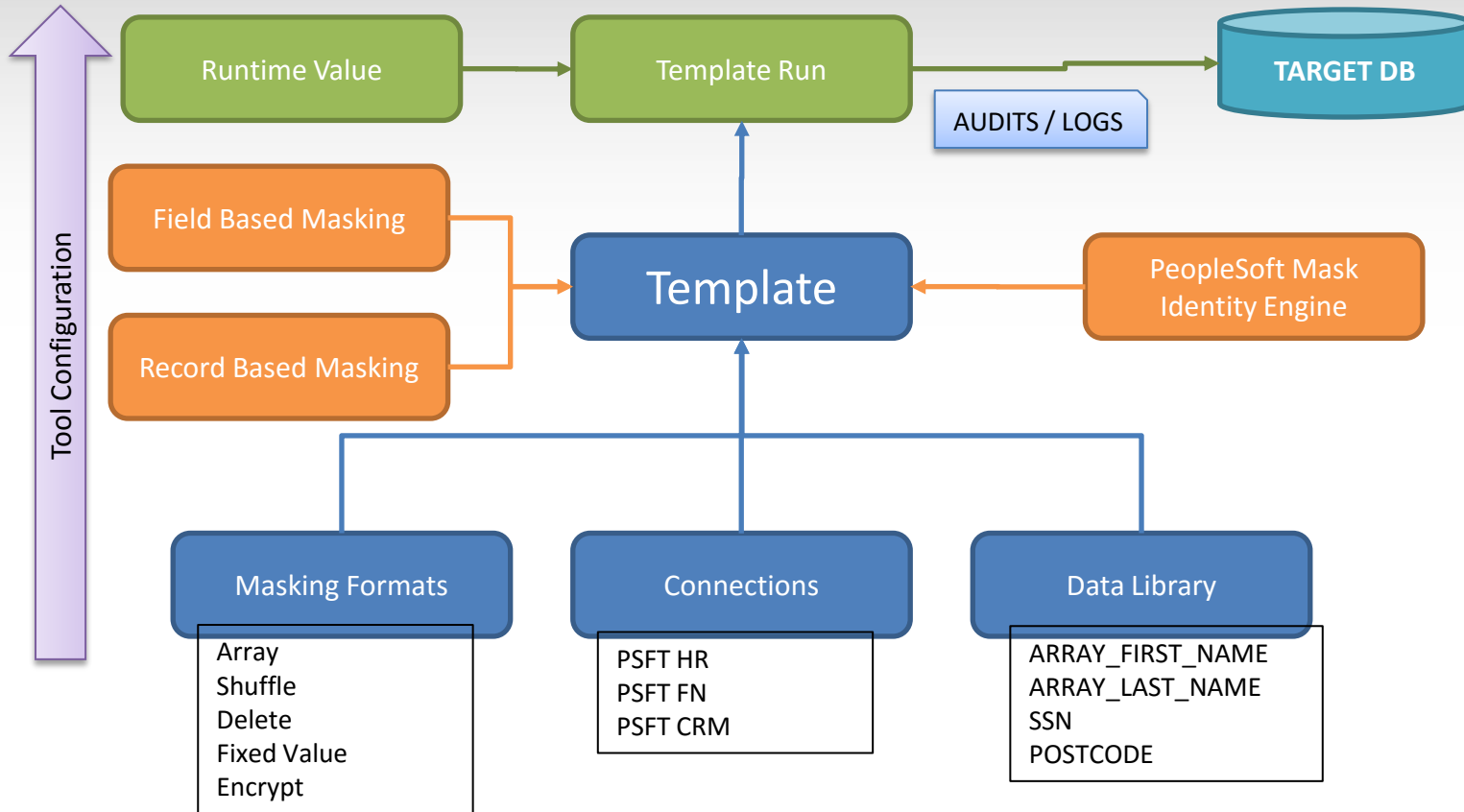


Manual Data Masking	Automated Data Masking Pack
DBA created static scripts	Template driven procedures
DBA responsible for protection of database data. Manual check on tables/columns in all databases.	Corporate information security team create centralized data masking formats.
Custom SQL or PL/SQL scripts created to mask the data.	DBA creates data masking definitions that map the specific tables/columns in the databases to suitable data masking formats supplied to them.
Lack of centralized way of sharing masking techniques across multiple databases.	All data masking formats centrally stored in a library, and applied on the database by Oracle Enterprise Manager Grid Control.
Manual maintenance for any future changes.	Ready-to-use masking formats for future changes.
Efficiency is not good, since it is not a scalable solution.	Allows a central, corporate-wide strategy for compliance with privacy regulation as data privacy rules can be defined & applied in a consistent manner to all the sensitive data in the corporate database.

# DATA MASKING WORKFLOW



# DATA MASKING FRAMEWORK



## 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, Portal, ELM
- Enterprise Document Mgmt
- Integration Platform

## PROJECT GOALS & OBJECTIVES

### ✓ Key Objectives

- Adhere to Customer Audit Standards
- Maintaining data confidentiality.
- Provide an additional level of data protection beyond firewall and encryption.
- To provide more realistic and fully functional database without exposing confidentiality.
- Maintains relational integrity.
- Improves customer confidence.

### ✓ Solution Features

- Scalable
- Repeatable
- Flexible for future upgrades

## PROJECT PHASES

**Phase I :** PSFT HCM, FSCM, CRM, PT – Data Masking

**Phase II :** Oracle DB – DOC, IP

## SOLUTION

Setup

- Establish Masking Rules
- Define Metadata in OEM Data Masking Pack

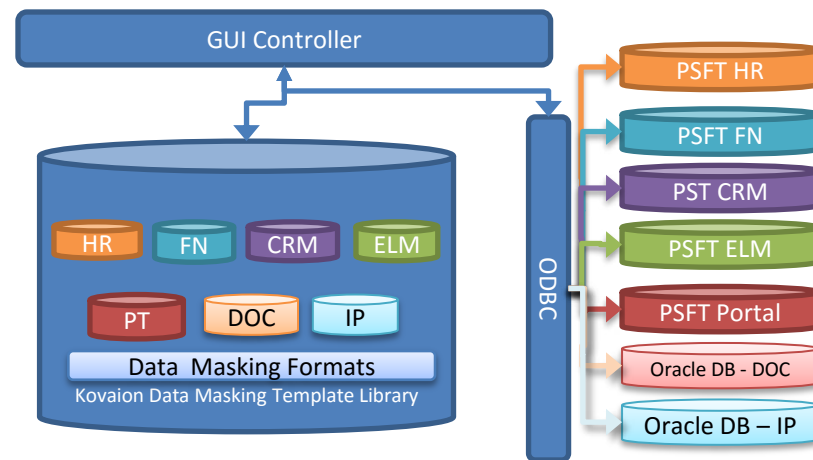
Execution

- Masking Script (OEM)
- Schedule Job in OEM
- Create Masked Database
- Perform high level verification

## ANALYSIS

- ✓ Masking at the application level complements masking at an enterprise level
- ✓ Ensures regulatory compliance
- ✓ Reduces Risk through Compliance
- ✓ Increases productivity through Automation
- ✓ Saves environment refresh time and increase security with data masking policies.

## BENEFITS







**Oracle Alliance**



**Certified Consultants**



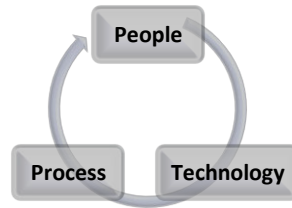
**Global Presence**



**Domain Expertise**



**Oracle User Group  
Association**



**Inception Labs**

**24x7**

**ODC -Support Centre**



**Quality Management**

## ***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.*

# THANK YOU



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