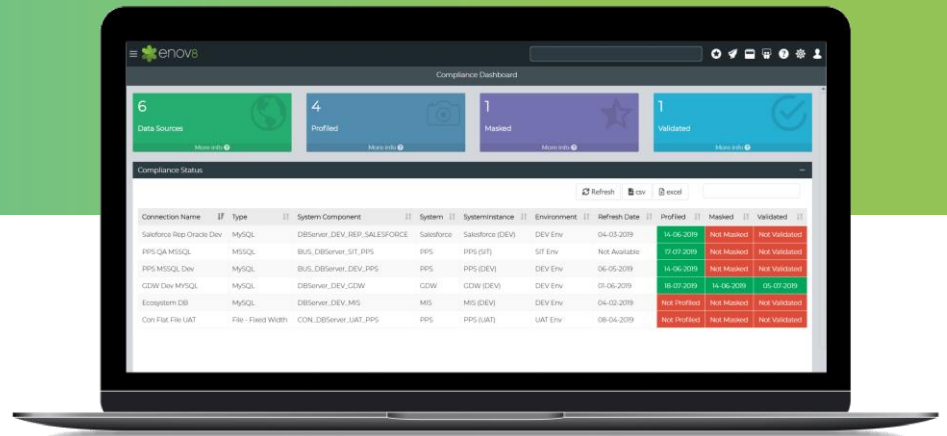# Data Compliance Suite

## DevSecOps your Data and Risks.

Use automated intelligence to identify where security exposures reside, rapidly remediate these risks without error & centrally validate your compliance.



## Product Benefits

- ✓ Understand your Data
- ✓ Rapidly Identify Risk
- ✓ Automate Remediation
- ✓ PII Compliance Validation
- ✓ Rapid Test Data Mining
- ✓ Avert a Security Breach
- ✓ Avoid Regulatory Penalties
- ✓ Painless to On-board
- ✓ Tech & Non-Tech Friendly
- ✓ DevOps-Able

## Data Compliance Suite

Enov8 DCS is a specialist tool that brings together Data Compliance Best Practice and the agility of DevOps at an enterprise scale.

DCS helps you rapidly understand your complex data structures & identify where data resides, rapidly remediate security exposures through automated transformation routines, accelerate compliance validation auditing and simplify DevTest data consumption.

DCS supports:
AWS Redshift, Flat Files (Delimited & Fixed Width), IBM DB2, MSSQL, MYSQL, Oracle, Postgres & Sybase.

# The Problem Statement

IT Projects need "production-like" data to effectively develop and test platform changes. However, that introduces "compliance" challenges, as independent of location or industry, organisations are responsible for ensuring that individuals data i.e. PII (Personally Identifiable Information) is continually protected from disclosure or misuse. **The consequence of not complying to "privacy acts*" is significant both financially & reputationally.**

*Privacy Acts including: APRA, GDPR, PDPO, PDPA, HIPPA, FCRA, ECPA etc.*

## What is PII?

Personally Identifiable Information (PII) is any information that can be used to uniquely identify, contact or locate an individual.



## Data Privacy Considerations

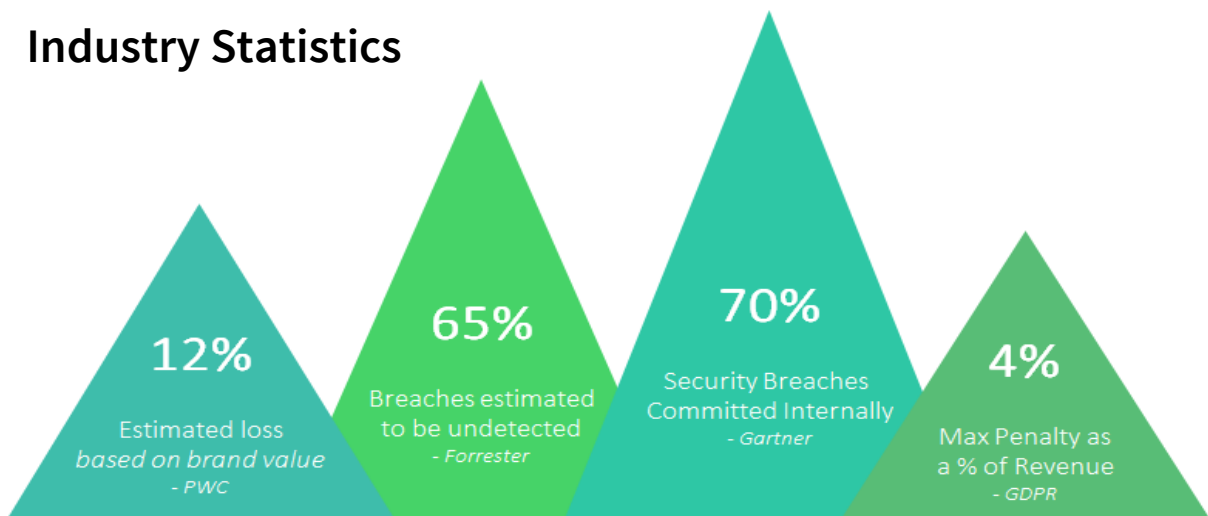Key reasons you need to protect your data and the information it contains.

- Loss of data can have significant impact on individuals (customers).

- Mismanagement can lead to "compliance" penalties (fines & Sanctions).

- Companies are exposed to financial risk (brand damage & lawsuits).

- Regulations are continually changing & evolving.

- Information breaches are becoming more and more common.

# The Challenge

Data is complex & identifying & addressing data security exposures are non-trivial.

- Platform are inherently large & complex (seas of data, billions of data points)
- Risks are often well hidden (needles in haystacks).
- Data security operations are manual (and therefore error prone & expensive).
- Remediation takes times (usually months of analysis and engineering effort)
- Success depends on competence of engineers, platform SMEs & often luck.

# Industry Statistics

**12%**
Estimated loss
*based on brand value*
*- PWC*

**65%**
Breaches estimated
to be undetected
*- Forrester*

**70%**
Security Breaches
Committed Internally
*- Gartner*

**4%**
Max Penalty as
a % of Revenue
*- GDPR*

# The DCS Solution

DCS helps organisations address their Data Compliance need by providing a set of features (automated capabilities) that replace traditional manual "Data Management " methods. DCS features streamline IT project data operations, ensure quality through consistency and uplift compliance, security & audit.

# Key Features

**Automated Profiling**
Understand your data & risks through inbuilt data analytics

**Rapid Remediation**
Rapidly build data masking & transformation methods on the fly & execute

**Simple Validation**
Test that previous "Production Patterns" are removed

**Compliance Reporting**
Simplify Compliance with Coverage Reports & Audit Trail

**Data Mining**
Rapidly find data to support IT project & DevTest endeavors

**DevSecOps**
Integrate Data & Risk Operations into your CICD tool chain

# Features Overview



## Data Profiling

Data is complex and in most organizations there a tens of million (if not billions) of sensitive data points.

DCS Profiling uses artificial intelligence methods to automatically find these areas of risk and cut down on weeks of analytics effort per platform.
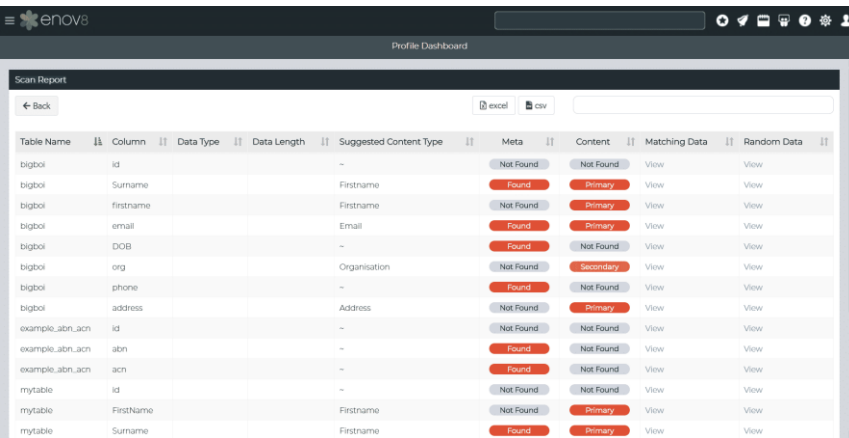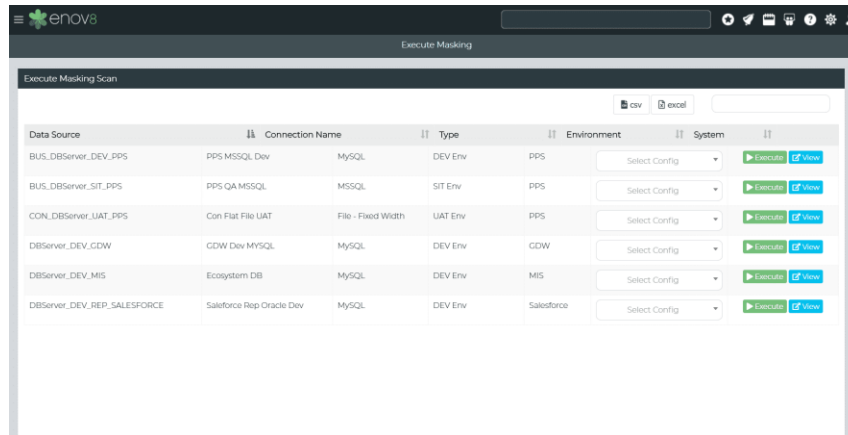
## Data Masking

Remediating your PII data with masking scripts is often challenging. Engineers can spend months building scripts. Scripts that don't work or are difficult to maintain.

Using the profiling information, DCS Masking removes this pain (and human errors) by generating the security routines on the fly.



## Data Validation

Not sure if the data has already been remediated? Not sure the remediation process has been successful? Not sure how to validate or test compliance?

DCS Validation removes these concerns and challenges by automatically validating data has been cleansed by looking for "high risk" production patterns.
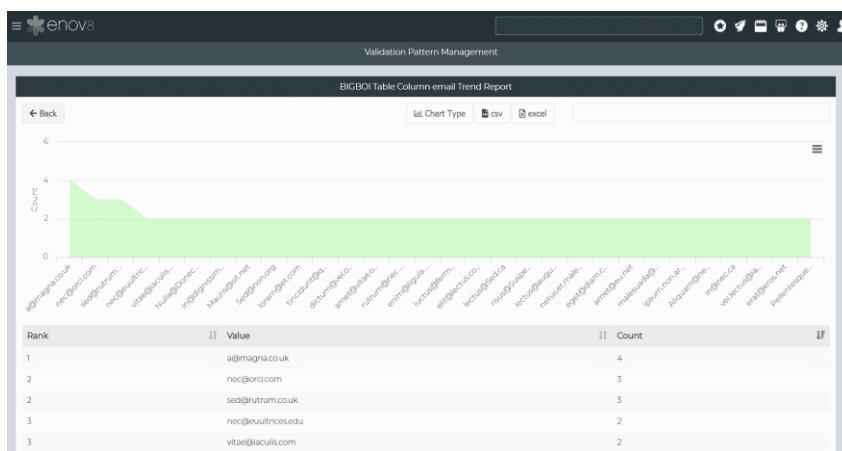
## Compliance Reporting

Organizations IT environments are large and complex and knowing what is where can be difficult.

DCS Compliance removes the problem by giving you a bird's eye view of "PII compliance" across your IT & Test Environments. A centralized capability to support Audit, Security & Compliance teams alike.

## Data Mining

Having "production-like" data available is one thing, however knowing where to find data that will support IT Projects (development & Test) is another.

DCS Data View helps simplify and standardize the task of data mining through allowing the centralized creation and publishing (sharing) of "data mining routines".





## DevSecOps

Data is often neglected by DevOps as it historically fell into the "too hard basket".

DCS (DevOps Edition) offers Restful APIs, Webhooks and DataOps libraries so data and security operations can be added to the Delivery tool chain.

Innovate with enov8. Contact us enquiries@enov8.com

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