

TEST DATA MANAGER

The Data Securitization and Test Data Management platform.

Key Benefits

Go Fast & Be Secure!

DEVSEC

- \checkmark Understand your Data
- ✓ Easily Identify Risk
- \checkmark Automate Securitization
- ✓ Deliver Compliance Insights

DEVOPS

- ✓ Automate Data Ops
- ✓ Rapidly Mine Test Data
- ✓ Avoid Data Contention
- ✓ Clone Data (Virtualize)

www.enov8.com



DEVSECOPS YOUR TEST DATA & PRIVACY RISKS.

The Enov8 TDM platform helps you identify where data security exposures reside within your production data, rapidly remediate these risks to avoid data breaches, and centrally validate your compliance success.

The solution also comes with IT delivery accelerators, including data DevOps, data synthetics, data mining & test data booking management.

WHO NEEDS ENOV8?

The Enov8 TDM solution is for any team requiring better knowledge & control of their platform data.

This includes:

- ✓ Data Security Teams
- ✓ Compliance Officers
- ✓ System/Product Teams
- ✓ Test Data Management
- ✓ Test Environment Mgmt
- ✓ Deployment Teams

And ultimately protects your business & supports the broader IT Project community, including Development & Test.

Innovate with Enov8

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.



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.

Innovate with Enov8

The Challenge

Data is complex & identifying & addressing data security exposures are nontrivial.

- 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 Industry Statistics engineers, platform SMEs & often luck .



The Enov8 TDM Solution

Enov8 TDM helps organizations address their Test Data & Data Compliance need by providing a set of features (automated capabilities) that replace traditionally manual "Data Management " methods. TDM features streamline IT data operations, ensure quality through consistency and uplift compliance, security & audit.

KEY FEATURES

DATA PROFILING

Use Enov8's "AI" based Data Profiling module to automatically understand your data and identify risks.

For example: "Personally Identifiable Information" (PII) or other sensitive Data types.

uport								6	excel Ecsv			
e Back							Dev Count 11	Meta **	Content **	Matching Data	Random Data	Error Details
Connection Name	Schetta in	Table Name 11	column	Data Type	Data Length	Suggested Content Type	- How Count	Not Found	Not Found	Vev	View	
cowberies	peterance	tegtoi	м					Round	Primety	Vew	View	
CONTON MISSI	performance	bigbol	Sumaine			Fastriame		-			View	
COM/Der MISOL	petersator	bigoo	finaname			Festriame		Not Found	Primary	Vew	(NHOW)	
COWDer MISOL	performance	bigboi	enal			Email		Found	Primary	Vev	View	
COW Dev MISOL	performance	bighvi	000					Found	Not Found	, Vew	Vew	
CONTRACTION MISCH	performance	bigboi	og			Organisation		Not Found	Secondary	Vev	Vew	
COW DW MISQL	performance	bigos	phone					Found	Not Found	Vew	View	
CONTON MISQL	petomaka	bigbos	atires			Address		Not Found			, view	
CON Dev MISQL	performance	example alter acti	10						Primary	View	View	
COW/DeciMiscal	pedumance	example abri acri	ite.					Not Found	Not Found	Vew	View	
COW Dee Mosca,		eargieionion	ach			-		Foland	Not Found	Vew	View	
Annual Address								Found	Not Found	View	View	
									-			

	sk Configuration #Config Compartson						
Compare	Configuration Name	Data Source			E event E cav	Ø Refresh Sniech	
0	GDW Masking Config	GDW Dev MySQL	Type -	Label .	- Default	n Status n	Action
0	GDW Dev MYSQL Mask Config		MySQL		False	Attie	Diat Ditter @tunti
0		GDW Dev MYSQL	MySQL		Fatse	Det	Diat @Core @Cores
0	Ash Demo - oracle.enov@.com Mask Config	Ash Derno - oracle ency6.com	ORACLE	Salestros Prance	Tabe	Active	
0	Ash Demo - oracle enov8.com Mask Config. 07-04-2021-12:42:48	Ash Demo-oracle enovel.com	ORACLE	Salisforce Finance	False	Det	Bint Store Binne
0	Oracle Demo Mask Config. 36-03-2022-12:21:38	Orade Demo	OBACLE	Project X [Tribil] GDW [Ductorer]	False	Active	Diat Core Blace
0	GDW Dev Mask Config. 22-03-2022-00-19-08	GDW Dwv	ORACLE	Project-X Tribel (CDW Cultorner	False	Duit	Dial Core Blever
0	Salesforce UAT Mask Config. 22-03-2022-001935	Salesforce UAT	OBACLE	Francisk Tribel Conserve Salesbore	False .	Cont and	Stist Clev Black
							nessă 🚺 ket

DATA MASKING

01290

Avoid slow, error-prone security engineering by using Enov8 Data Masking to build consistent & cross-platform data securitization routines.

Once generated, you can run your masking routines whenever new data arrives.

DATA VALIDATION

Understanding and Masking data is not enough. It's also important to validate that the security process was effective.

Use Enov8 Data Validation to prove the production patterns have been removed.

enova					koute Validation						
er lovo							🕃 excel	₿ dV			
⊨ 8ack					- Data Leng	ath 72	Production Like		Prod Pattern Threshold	Error Details	
Connection Name	- Schema	Table Name	Column	+: Data Type			ON		Not-Found		
CONTRACTOR MICRA	patamator	mytable	Addres2				-		Not-Found		
CONT Dev MISCA	partermance	perf.com	city				0%		-		
CONT Dev MASOL	petiemance	sandura	CUSTNAME				0%		Not-Found		
CONT Dev 14/5QL	performance	perf.lieg.names	TrsLoame				48.01 N		Not-Found		
CONTRA-MARK	performance	undera	FIRSTNAME				50.83 N		Found		
CONTRACT IN THE REAL	performance	highor .	festname				467%		Not-Found		
COW Day HYSIQE	performance	nytable	TestName				20.95 %				
CONT Dev In SQL	performance	nitosinamis	Name						Not-Found		
COW Dev InnSQL	performance	teedata	OPCNAME				4624 N		Not-Found		
CONTON MISCR.	performance	perfecties	Mgion slug				0%		Not-Found		
COWDeviteSta.	performance	bigba	Sumane				0%		Not-Found		
			Schute				0%				
			1.4						Not-Found		

KEY FEATURES



COMPLIANCE REPORTING

Track & demonstrate your compliant with industry privacy regulations.

Enov8 provides real time compliance insights, dashboards & reports, that support your security, compliance, audit, and testing teams.

DATA FABRICATION

Fake data is often essential when you can't find fit-for-purpose data in your Development, Test or production environments.

Use Enov8 Data Fabrication to create realistic synthetic data to fill the gap.

enov8					Data Cen	erator				
brication Configur	nition									
Profile Name*	Oracle Des	mo				Row Count*	100000			
Export Type	sq.					Batch Size*	Batch Slat			
Database Type	ORACLE					And the second	~	Drop Table	True	
Table Name*	SAMPLE, J	98		Create Table Tru	e					
Description										
Status	Active									
Status Add Field	Active									- 7
Status Add Field	Active		•) (0	shimo Name			Pattern		Add	
Status Add Field Campoy				olumn Name			Pattern	B cov	* Add Search	
Status Add Field Campoy Receder Action	•	Category	* Co Column	ilumn Name	Patte	ern Type	Pattern Pattern	B cav	Search	•
Status Add Field Campoy Recorder Action II		Category					Pattern	B cov		
Status Add Field Campoy Receder Action II	•	Fittheme	Colume ENGL/ST_NAM	n,	Func	tion		Bow	Search	
Status Add Field Campoy Recorder Action II (1) II (1)	n Brown Brown	Fretrume Sumare	Column ENGLIST_NAM ENGLIST_NAM	nt.		tion	Pattern	B ov	Search Lookup Lookup_FNAME	
Satus Add Field Campoy Reorder Action II or II or II or II or II or	n Conse	Ristrame Summe Org Name	Colume ENGL/ST_NAM	nt.	Func	tion	Pattern Firstname Surname	B ov	Search Lookup	
Satus AddTeid Caupy Render Action B Ca B Ca B Ca B Ca Cau	n O O O O O O O O	Ristrame Summe Org Name	Column ENGLIST_NAM ENGLIST_NAM	nt.	Func	tion tion	Pattern	B ov	Search Lookup Lookup_FNAME	



TEST DATA BOOKINGS

Find data quickly & avoid the risk of data contention i.e., other users using that data.

Enov8 Test Data Booking Management provides your teams with rapid test data mining & test data reservation methods.

KEY FEATURES

DATA DEVOPS

Don't let DevOps leave your Data Operations behind.

Enov8's DataOps module provides a framework for automating, and integrating, your data operations & making them available through CICD, schedules or self-service.





DATA CLONING

Leverage Enov8 vME technology to quickly snapshot & provision "inexpensive" (tiny) copies of your data to Dev, Test & Production Support.

• X10 Smaller x100 Faster

Note: vME, virtualize me, is a standalone Data Virtualization technology provided free with Enov8 TDM.

SUPPORTED DATA SOURCES



Enov8 TDM supports the worlds most popular data sources, including AWS Redshift, Flat Files (Delimited & Fixed Width), IBM DB2, MARIADB, MSSQL, MYSQL, Oracle, Postgres, Sybase & more.

enov8.com