



Dynamic Data Redaction

Benefits

- Protects sensitive data against costly breaches and compliance violations
- Deploys quickly and easily across business applications and production databases
- Redaction policies address specific data privacy compliance requirements of PCI, HIPAA and GDPR
- Minimizes the time, cost and effort to protect sensitive data

Features

- Real-time redaction policies protect sensitive data in production systems
- Patented redaction engine adds no perceptible overhead to data access
- Automated redaction policy generation saves time, cost and effort, maximizes security
- Supports on-premise, hybrid and cloud deployments

Protects Sensitive Data for Security and Regulatory Compliance

Teleran’s Dynamic Data Redaction (DDR) obscures or redacts sensitive data in production systems such as CRM, financial, and analytical applications and data warehouses. It dynamically redacts personal identifiable information (PII) or proprietary business information, protecting it from unauthorized access, misuse and breaches.

Teleran’s DDR is an add-on licensed software module deployed with Teleran’s Data Protection solution which includes sensitive data discovery, comprehensive auditing, and real-time data access controls and alerting. DDR specifically addresses the PII protection requirements for a wide range of compliance regulations including PCI, HIPAA/HITECH, GDPR, the California Consumer Privacy Act and others.

Example Redacted Sensitive Data

EMP Name	SSN#	Role	Annual Salary	Location
Phillip Richards	XXX-XXX-XXXX	ASE	\$999999999	Palo Alto
Liam Donnell	XXX-XXX-XXXX	AE	\$999999999	Boston
Sarah Cohen	XXX-XXX-XXXX	SE	\$999999999	New York
Richard Cowell	XXX-XXX-XXXX	PR	\$999999999	Atlanta

Real-Time Data Redaction Adds a Critical Layer of Protection

DDR leverages Teleran’s network-based listener agent technology to evaluate queries in real-time. It determines if an application user is authorized to access the sensitive data requested. If a user is not authorized, Teleran’s patented redaction engine will rewrite the query to redact only the sensitive data in the query results sent back to the user. Teleran’s engine promptly sends the query to the database for processing. Teleran’s multi-threaded, highly performant redacting process takes place in milliseconds, adding no perceptible latency to the query.

Automated Redaction Policy Generation Speeds Time to Protection

Teleran’s DDR module automatically creates data redaction policies from Teleran’s Sensitive Data Discovery process. This significantly reduces deployment time, cost and effort. It also minimizes risks of human error that can leave open dangerous data security and compliance gaps. Teleran’s DDR applies real-time redaction policies by user privileges, location, role, application and function.

DDR Automatically Generates Data Redaction Policies

Create Data Redaction Policy
Datasource, Schema, Table, Column, Sensitive Category, Mask

Fast, Comprehensive, Cost-Effective Data Protection and Compliance

Teleran DDR provides a comprehensive, real-time data redaction solution, delivering fast-to-deploy, cost-effective protection and compliance for your data-intensive production systems.

For more information visit www.teleran.com, or call +1.973.439.1820.