








# Data Masking

## Enhance ERP Data Protection and Reduce Compliance Risk with Pathlock

Pathlock's Data Masking module allows you to dynamically mask and anonymize data at the field level and at the point of access, allowing you to easily enforce data governance policies beyond simple role-based controls. With Pathlock, even the most complex data access policies can be easily implemented across an entire business application from one unified platform.

The module's dynamic masking capability provides organizations with fine-grained controls that can be used to mask sensitive data fields based on the user and the context of the access. By implementing a full or partial mask to a data record, Pathlock minimizes the risk of a data breach and fulfills encryption and anonymization mandates imposed by regulatory bodies.

### FEATURES

-  **Centralized Rule Engine**  
Applies full or partial data masking on any desired field, using a centrally managed ruleset for easy implementation.
-  **Dynamic Data Masking**  
Deploys dynamic policies that account for risk contexts such as location, IP address, time, data sensitivity, and more.
-  **In-Line Masking**  
Handles all masking activities in line. It does not require new hardware since all actions are executed within the target system.
-  **No Customizations**  
Enables security teams to consistently mask data across all chosen fields without the need for individual customizations.
-  **Audit-Ready Reports**  
Provides detailed reporting, with comprehensive usage and compliance analytics for further policy creation.
-  **Access Logging & Alerts**  
Offers logging features like click-to-view and in-line MFA to develop a full audit trail of all sensitive data access and send alerts when sensitive data is accessed.
-  **Easy to Maintain**  
Filters out sensitive data at the presentation layer resulting in no additional maintenance requirements during application updates.



Provides a centralized rule engine to implement **masking controls across the entire application**



**Works at the UI level** and requires no additional hardware, customizations, or maintenance



**Enhances data security** and helps meet regulatory compliance mandates like GDPR, ITAR, and more.

### BENEFITS

#### ✔ For Security Admins

Simplifies data masking by providing a single panel to implement masking controls and monitor access to sensitive data across the entire application.

#### ✔ For Auditors

Helps achieve compliance by providing context-based controls that mask data like PII, financial data, intellectual property, and other business-sensitive data.

#### ✔ For Business Users

Enables access to data from multiple locations/devices to perform necessary tasks without risking sensitive data exposure.

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