Sensitive-Field Masking

User Guide · Odoo 18.0 & 19.0

Mask and vault PII fields with role-based reveal and full access logging

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1. Overview

Sensitive-Field Masking & PII Vault ==========

Lock down personally identifiable information (PII) such as national insurance numbers, bank accounts, dates of birth or passport numbers. Administrators register which model/field combinations are sensitive, choose a masking style, and grant reveal rights to specific groups. Every reveal is written to an immutable access log to support UK GDPR accountability.

Key features ------------ * Field policy registry: pick any model + char field, set a masking strategy (full, partial, email, last-4, fixed) and the groups allowed to reveal it. * On-demand reveal with a justification prompt; each reveal is logged with user, timestamp, record reference and reason. * Vault storage: optionally hold the true value encrypted-at-rest (obfuscated) separate from the masked display value. * Access-log dashboard with grouping, search and CSV-friendly list. * Configurable auto-purge of old access logs for retention compliance. * Pure-Python masking helpers — no external services, BYO key for obfuscation.

2. Installation

Open Apps, click Update Apps List, search for “Sensitive-Field Masking” (technical name **gb_sensitive_field_masking_pii_vault**) and press Install. The module supports Odoo 18.0 and 19.0, Community and Enterprise.

3. Menus & Navigation

After install the following menus become available:

- Field Scanner
- PII Vault
- PII Vault
- Access Log
- Configuration
- Masking Policies

4. Feature & Data-Model Reference

The app implements the following records and engines:

Model	Purpose
gb.masking.policy	Sensitive Field Masking Policy
gb.masking.field.scanner	PII Field Scanner
gb.masking.engine	PII Masking Engine
gb.masking.access.log	PII Access Log
gb.masking.vault	PII Vault Entry
gb.masking.reveal.wizard	PII Reveal Wizard

5. Typical Workflow

1. Open the app's Configuration menu and set up the master data / policies it needs.
2. Create the main operational record from its primary menu.
3. Use the action buttons on the form (e.g. Confirm / Compute / Post / Generate) to run the engine.
4. Review the results in the list, pivot and report views; export or post where applicable.

6. Support

Email **support@pokutsoft.com** or visit **https://pokutsoft.com**. Please include your Odoo version (18.0 / 19.0) and the module technical name.