



PUBLIC

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Feature Scope Description for UI Data Protection Masking

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1 About UI Data Protection Masking

This feature scope description shows you which features are provided with UI data protection masking. It also defines the product documentation for UI data protection masking.

UI data protection masking is a solution for selective masking of sensitive data on SAP user interfaces. Data can be protected at field level, either by masking the content (replacing original characters with generic characters) or by clearing or disabling the field. It is also possible to block access to specific sensitive data, trace access to fields configured for data protection masking, and to reveal the contents of specific fields only on demand. The solution uses both role-based and attribute-based authorizations, affording you a high degree of control over who has access to sensitive data.

2 About This Document

This feature scope description shows you which features are provided with UI data protection masking. In addition, this feature scope description defines the product documentation for UI data protection masking.

2.1 Document History

See what changes have been made to this document since it was first released.

i Note

The latest version of this document is available in SAP Help Portal on the product page for [UI data protection masking](#).

Version	Date	Description
1.0	2022-10-24	Initial version for UI data protection masking

3 Licenses

Please note that, for certain features, you might need a separate subscription license.

For further information, please contact your SAP account executive.

4 Product Documentation

The product documentation describes the feature scope and provides you with information about how to install, implement, and run the add-on.

The following product documentation is available for UI data protection masking. You can find all documentation deliverables on SAP Help Portal at [UI data protection masking](#).

- Feature scope description
- Administration guide

i Note

The term “country” or “region” is used for convenience only and does not necessarily infer the existence of a nation state.

5 Key Features

This section describes the key features that are available for UI data protection masking.



Key Feature	Use
UI data protection masking	Only users with field-level authorization can view data. If a user is not authorized to view the field's value, the data can be protected by masking, clearing, hiding, or disabling the field.
Data-element-based masking	You can protect individual data elements independently of the UI technology displaying them.
Data blocking	The system can suppress (not show) lines in table-style UI elements and block access to entire sensitive records in applications. This is useful in protecting highly sensitive data when the presence of a record should be hidden entirely and is available in SAP GUI transactions.
Attribute-based authorization	The ABAC policy cockpit enables you to create policies to determine how you want to protect sensitive data within the system. Authorization checks also take the context of a field or data element into consideration.
Recording tool	The recording tool records the technical addresses of the UI fields that a specified user accesses during a given timeframe and can be used when setting up your system to provide information for configuring sensitive attributes.
Field access trace	The field access trace can write a trace entry whenever a user accesses fields configured for UI data protection masking.
Reveal on demand	This feature provides an additional level of data protection in SAP GUI by masking the field value by default, irrespective of whether the user is authorized to view the original field value. Users can choose the option to reveal the field value, giving a reason for viewing the data. This will be granted to authorized users only.
Data protection based on sensitive attributes and context attributes	<p>Sensitive attributes are at the heart of the solution and are the starting point for any configuration cycle. The different data protection options, such as masking and blocking, are applied to one core entity, the sensitive attribute.</p> <p>Context logical attributes encompass information related to a sensitive attribute. They define the context within which a sensitive attribute is to be protected. Context attributes can be static or dynamic in nature, and can therefore contain different values across different runtime scenarios.</p>

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