

Feature Scope Description | PUBLIC
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Feature Scope Description for SAP S/4HANA Utilities for German Billing Enhancements

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1 About This Document

This feature scope description shows you which features are provided with SAP S/4HANA Utilities for German billing enhancements. In addition, this feature scope description defines the product documentation for SAP S/4HANA Utilities for German billing enhancements.

2 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 SAP S/4HANA Utilities for German billing enhancements. You can find all documentation deliverables on SAP Help Portal at http://help.sap.com/bill.

- This feature scope description
- Information about installation
  Information about how to install the add-on
- Information about security
  Security information for the add-on, including information on data protection and privacy
- Information about operations
  Information about how to operate the add-on

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

3 About SAP S/4HANA Utilities for German Billing Enhancements

SAP S/4HANA Utilities for German billing enhancements helps you to automate your billing processes so that they comply with the regulatory rules in Germany.

> **Note**
>
> SAP S/4HANA is a prerequisite for using SAP S/4HANA Utilities for German billing enhancements. SAP S/4HANA requires separate licenses.

4 Key Features

This section describes the key features that are available for SAP S/4HANA Utilities for German billing enhancements.

Integration and Message Exchange

Key Feature	Use
Direct process integration with a compatible SAP cloud solution	Integration between the business processes in your SAP S/4HANA Utilities system and the compatible market processes in the SAP cloud solution facilitates data exchange and process synchronization.
Mapping and transformation of utilities business data to business messages	By mapping and transforming utilities business data to business messages, your system converts raw business data into comprehensible business messages.

Business Processes

Key Feature	Use
Orchestration of business processes for German utilities billing	SAP S/4HANA Utilities for German billing enhancements provides business processes that help creating and sending of billing information based on the regulations governing the following: • Grid usage billing (GUB) • Meter operation service (MOS) billing • Overtake and undertake quantities (MeMi) billing • Additional service billing • Configuration billing (price sheet A of a meter operator) • Billing of orders from an energy service provider (ESP) SAP S/4HANA Utilities for German billing enhancements provides business processes that help receiving billing information based on the regulations governing the following: • Grid usage billing (GUB) • Meter operation service (MOS) billing • Overtake and undertake quantities (MeMi) billing • Additional service billing • Configuration billing (price sheet A of a meter operator)

Key Feature	Use
Processes for electricity and gas based on the regulations for grid usage billing (GUB)	Grid usage billing (GUB) involves the processes by which the distribution system operator invoices other market partners to make the grid infrastructure available for providing the customer with electricity or gas. SAP S/4HANA Utilities for German billing enhancements helps distribution system operators and their market partners to process pricing, energy amount ordering, delivery notes, billing, complaints, commercial disputes, payments, and write offs, as they relate to grid usage.
Processes for electricity based on the regulations for meter operation service (MOS) billing	Meter operation service (MOS) billing involves the processes by which the meter operator invoices other market partners, or the connection user, for installing, operating, and maintaining metering devices for electricity that are assigned to a connection object. SAP S/4HANA Utilities for German billing enhancements helps meter operators and their market partners to process pricing (including price catalogs, article IDs, and quotations), invoicing, payments, complaints and ending billing, as they relate to meter operation services.
Processes for electricity and gas based on the regulations for overtake and undertake quantities (MeMi) billing	Overtake and undertake quantities (MeMi) billing involves the processes by which the distribution system operator (DSO) compares the consumed amounts with the settled electricity or gas amount at the point of delivery, determines the overtake and undertake amounts, and bills other market partners for these amounts. SAP S/4HANA Utilities for German billing enhancements helps suppliers and their market partners to process allocations (including subscription requests), pricing, integration of settled quantities, invoicing, complaints and payments, billing locks, and write-offs of MeMi documents, as they relate to overtake and undertake quantities.
Processes for electricity and gas based on the regulations for additional service billing	Additional service billing involves the processes by which the distribution system operator invoices and bills other market partners for additional service items. SAP S/4HANA Utilities for German billing enhancements helps market partners to process billing, invoicing, complaints and payments, for dunning fees and disconnection and reconnection services.
Processes for electricity based on the regulations for configuration billing	Configuration billing involves the processes by which the meter operator invoices other market partners for configurations ordered (according to price sheet A of a meter operator). SAP S/4HANA Utilities for German billing enhancements helps market partners to process billing, invoicing, complaints, and payments for configurations ordered.
Processes for electricity based on the regulations for the billing of orders from an energy service provider	Energy service provider (ESP) billing involves the processes by which the meter operator invoices an ESP for metering products ordered. SAP S/4HANA Utilities for German billing enhancements helps market partners to process billing, invoicing, complaints, and payments for metering products ordered.
Processes for invoice receivers	SAP S/4HANA Utilities for German billing enhancements helps the recipients of invoices to receive, review, raise complaints about, or to post and pay invoices. For payments the receiver can create positive, negative, and zero-sum advice notes.

Monitoring and Management

Key Feature	Use
Manage meter operator contracts	Meter operator contracts let you manage the meter operation billing and the price models that can apply at different times. SAP S/4HANA Utilities for German billing enhancements helps market partners to manage meter operator contracts. For each active meter operator contract, it helps manage the items in item slices, and to review consumption history, business partner relationships for a connection user, installation information for a leading market location, market location or metering location, and change documentation. For contracts with a modern metering device or intelligent metering system it helps to trigger the processes for sending quotations or end of billing requests for time slices.
Monitor account balances	SAP S/4HANA Utilities for German billing enhancements helps distributor system operators and meter operators to check their total open amounts, and the account balances of open items from their market partners. It supports them in reviewing posting documents, as well as individual and aggregated open and cleared Items from their market partners, including navigating to the associated invoice and reference information, and to the dunning history, as applicable.
Manage and monitor the documents of overtake and undertake quantities (MeMi) billing	SAP S/4HANA Utilities for German billing enhancements helps distribution system operators to evaluate MeMi-documents by status. This includes support for locking or unlocking MeMi billing documents for invoicing or dunning, for reversing, or for reviewing the documents and related documents, such as grid usage billing documents, process documents, BPEM cases, process documents.
Attestation Monitor	SAP S/4HANA Utilities for German billing enhancements helps distribution system operators to review the details for their MeMi business partners, and their existing attestations. It also supports checking which attestations are coming to the end of their validity.

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