

**SAP S/4HANA Utilities extensions for meter to cash
processes by PROLOGA 5.0**

Feature Scope Description



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Attention



Notes

1. Getting Started



This guide does not provide step-by-step instructions for installation, implementation, or daily operations. For detailed guidance, please refer to the documentation on the [SAP Help Portal](#).

This Feature Scope Description shows you which features are provided with *SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA*.

SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA is composed of:

- Mobile On-Site Billing

Mobile On-Site Billing is designed to support and optimize business process regarding meter reading and billing & invoicing on-site at the customer location. For that process, all required data is downloaded from SAP® for Utilities into the Mobile On-Site Billing solution, thereby transmitting the data to the mobile devices. The meter reading result will be captured on-site at the customer location. Based on the connectivity available, the billing and invoicing process will be performed online in conjunction with the SAP backend, or offline on the mobile device itself.

The deep integration into SAP® for Utilities enables a reliable and accurate process of reading, billing and invoicing on-site. It uses the same validation, billing and invoicing rules as defined in the backend system and synchronized into the Mobile On-Site Billing solution.

- Gas Process Extensions

Gas Process Extensions enriches the solution with gas specific formulas to support an end-to-end process and the respective calculations as part of these process steps. In addition to the formulas, the Balancing Group Monitor is included. It provides an overview of all gas-related transactions from various market within the respective market areas.

1.1. Target Groups

- Business Process Owners
- Solution Architects
- Consultants
- Key Users

1.2. Purpose

This Feature Scope Description provides a functional overview of the *SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA*. It outlines the key capabilities and features supported by the solution.

The goal of this document is to help you understand the scope of functionality included in the add-on and how it extends the standard SAP S/4HANA for Utilities system.

1.3. Constraints

SAP S/4HANA Utilities extensions for meter-to-cash processes by PROLOGA builds upon the standard SAP® S/4HANA for Utilities solution and leverages existing SAP Fiori applications. To fully understand the functional context and integration points of the solution, we recommend reviewing the following SAP documentation prior to evaluating the feature scope:

- [SAP S/4HANA | SAP Help Portal](#)
- [SAP for Utilities | SAP Help Portal](#)
- [SAP Fiori Overview | SAP Help Portal](#)

1.4. Bias-Free Language

We support a culture of diversity and inclusion. Whenever possible, we use unbiased language in our documentation to refer to people of all cultures, ethnicities, genders, and abilities.

As far as possible, the formulations in our documentations are kept gender neutral. Depending on the context, the reader is addressed directly with "you", or by means of a gender-neutral noun such as "salesperson" or "employee". If, however, the third-person singular cannot be avoided or a gender-neutral noun does not exist when referring to members of both sexes, we reserve the right to use the masculine form of the noun and pronoun. This is to ensure that the documentation remains comprehensible.

1.5. Accessibility

The information contained in our documentations represents our current view of accessibility criteria as of the date of publication; it is in no way intended to be a binding guideline on how to ensure the accessibility of software products. We specifically disclaim any liability with respect to this document. No contractual obligations or commitments are formed either directly or indirectly by this document.

1.6. Application Images

Please, be aware that the example screenshots provided in this document are done using a personal computer. If the apps are used on other devices, like tablets or smartphones, the appearances may be different. Similarly, custom configurations to the themes provided by SAP may change the overall appearance and accessibility of the applications described in this document.

1.7. Document Changes

Ver- sion	Important Changes
1	Initial Version

Table 1: Most important document changes

1.8. Product Documentation

The following product documentation is available for *SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA*:

Document Title	Description
Master Guide	Getting started information about the add-on.
Feature Scope Description	This document.
Sizing Guide	Contains information about the sizing of the system dedicated for the add-on.
Installation Guide	Contains information about how to install the add-on.
Operations Guide	Contains information about how to operate your productive <i>SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA</i> .
Configuration Guides	Contains information about how to configure the add-on.
User Manuals	Contains information for the end user about how to use the add-on.
Extensibility Guide	Contains information for developers about how to configure the Mobile On-Site Billing component.

Table 2: Documentation provided for the add-on

You can find all this information on the [SAP Help Portal](#).

The previously available content on the SAP Service Marketplace has been moved to the SAP Help Portal.

1.9. What's new

This section gives you an overview of the new features available as of *SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA*. The following table describes what is new, enhanced, changed or deleted in **MTC 5.0**:

Status	Component	Features
Corrected	Mobile On-Site Billing	Validation extension for billing, tour, and order behavior
Corrected	Mobile On-Site Billing	Responsibility field corrections in On-Site Billing actions
Enhanced	Mobile On-Site Billing	Enhanced handling of duplicate files during mobile document processing
Corrected	Mobile On-Site Billing	Support for multiple orders per day for same installation
Corrected	Mobile On-Site Billing	Retention of assign data when changing meter readers in Planning App
Corrected	Mobile On-Site Billing	Filtering in Planning App for meter reading unit and center columns
Enhanced	Mobile On-Site Billing	Filter functionality in planning assignments to show correct meter/tour

Table 3: What's new

2. Mobile On-Site Billing

2.1. Business Background

Internationally compared, the number of regular meter readings in the utility industry differs considerably. The higher the frequency of meter readings, the more time-consuming and ineffective the process between meter reading and mailing of the invoice becomes. As a result of long delivery times and ineffective operating principles it often takes several days or weeks until the customer receives their invoice. This has a direct impact on the company’s cash flow. Sort out that problem with *SAP Mobile On-Site Billing* and make short work of long processes and unnecessary postage and delivery costs.

2.2. Key Features

In its fourth version the add-on contains functionality to also support a side-by-side approach with a dedicated *Mobile On-Site Billing* system running on SAP S/4 with Enhancement Package 7 and higher.

In this approach both the utilities solution, the dispatching and scheduling of meter reading orders and the data exchange with the mobile devices runs on an SAP® S/4 HANA system.

SAP Fiori apps are designed to provide an overview of system data, such as the current status of order execution, as well as for planning and confirming orders and tours.

More information about SAP S/4HANA Utilities extensions for meter to cash processes by PROLOGA can be found on the [SAP Help Portal](#),

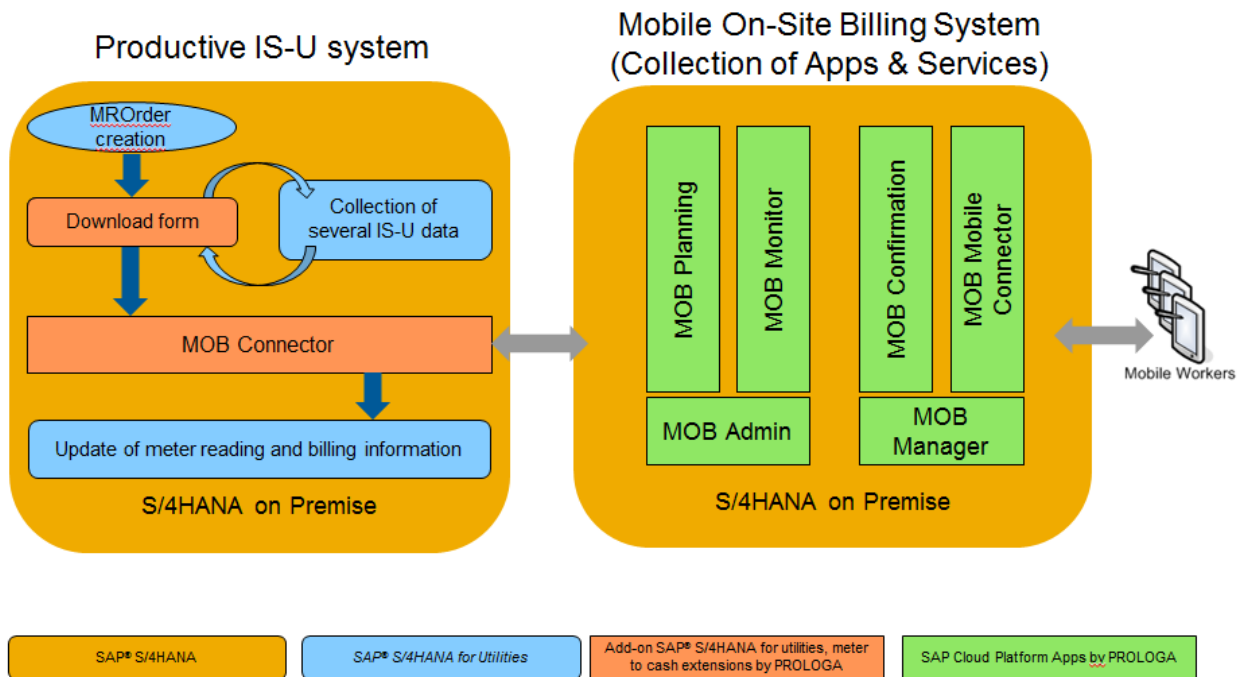


Figure 1: Mobile On-Site Billing side-by-side approach

For the *Mobile On-Site Billing* solution, it also is possible to run the application within a single S/4HANA system. However, the approach shown in the previous figure places the *Mobile On-Site Billing* functionality in a separate, dedicated system. This setup provides improved performance for both IS-U and *Mobile On-Site Billing* processes.

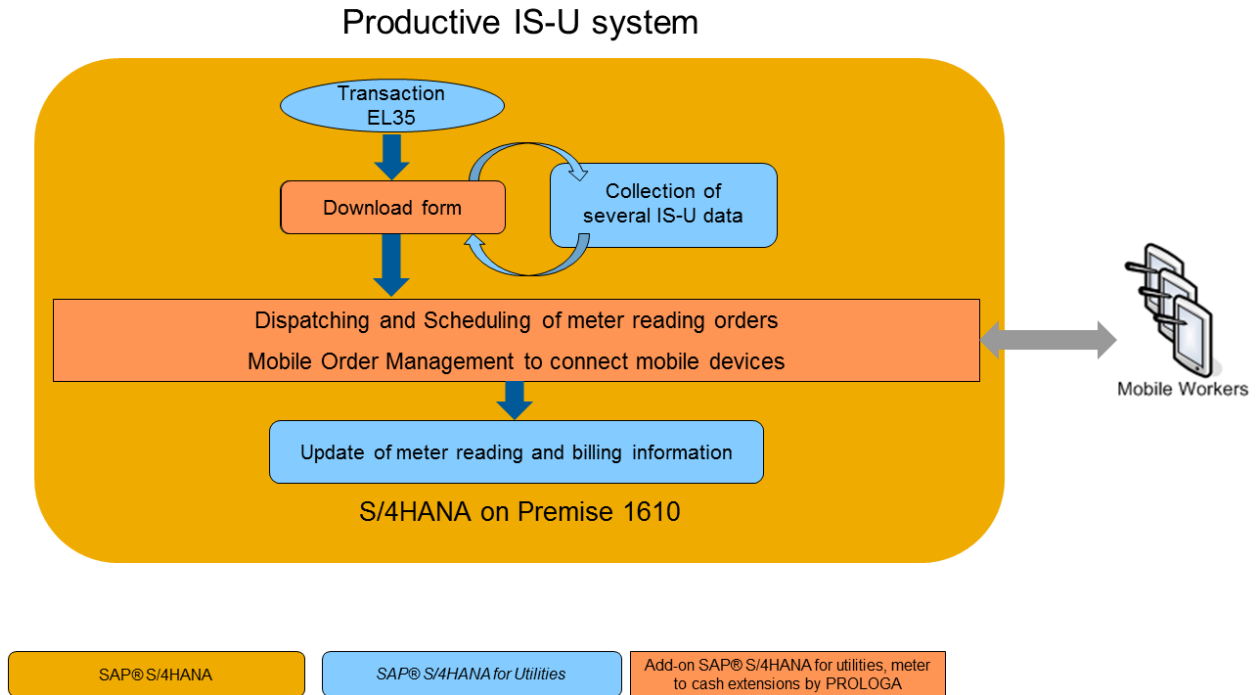


Figure 2: Mobile On-Site Billing single system approach

3. Gas process Extensions

3.1. Business Background

Based on regulatory requirements, utilities have to fulfill various process steps and calculations from the reception of the measured data to the billing and invoicing process. Gas Process Extensions provides gas-specific functionalities that enable an existing SAP landscape to meet current regulatory requirements.

3.2. Key Features

The add-on contains functionality to support gas-specific-end-to-end-processes.

The main features are:

- EDM Cluster Framework – to check master data for IS-U and EDM
- Generic CSV/XML-Importer - tool for importing CSV and XML data
- Simple Process Flow: a lightweight processing framework to design process workflows
- Formulas
 - Technical Quantity Determination – Calculation of energy based on the measured information of the gas
 - Load Profiles – Calculation of customer gas usage based on weather data

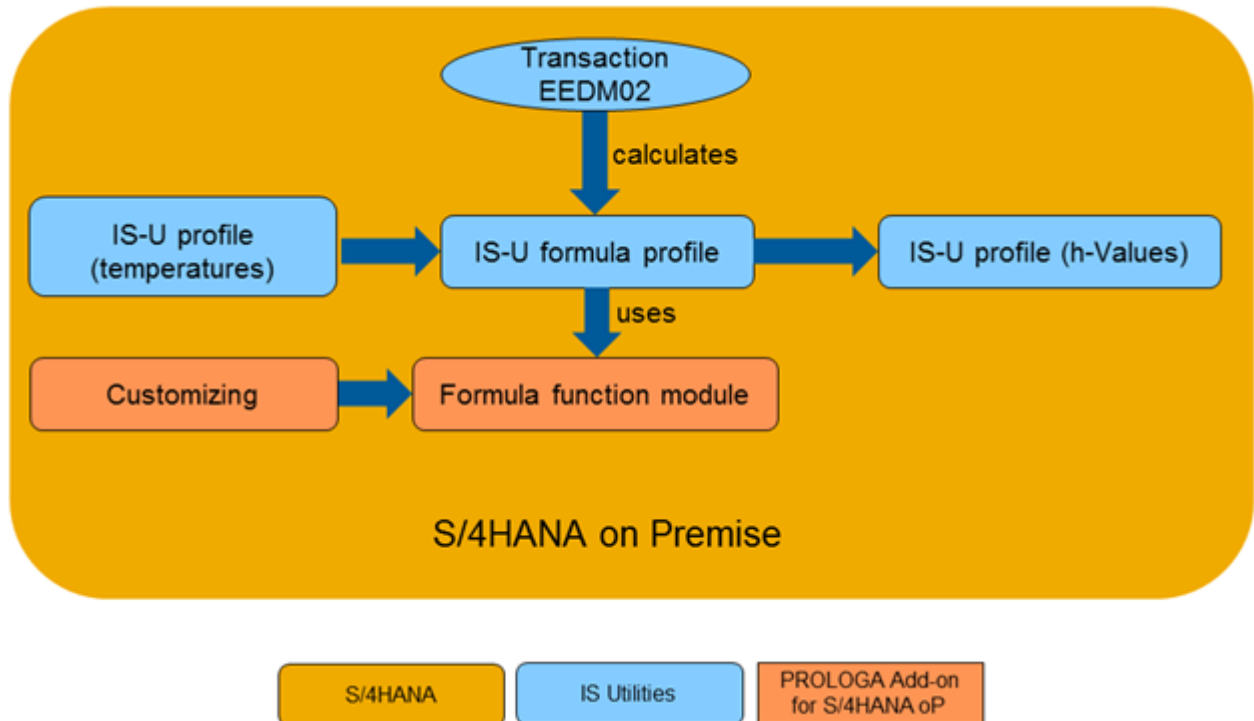


Figure 3: Formulas