

# Entering Measurement and Counter Readings in the Internet (PM-EQM-SF)



HELP.P.MEQMEQ

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## Icons

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## Entering Measurement and Counter Readings in the Internet (PM-EQM-SF)

### Use

With this Internet Application Component, you can enable your customers to take measurement or counter readings at service objects and enter them in the Internet themselves.

In this way, the information that you require for your materials planning is supplied directly from the customer without having to pass via fax, telephone, or a technician at the customer company.

Savings can be made, for example, in the costs for your personnel, who would otherwise have to:

- Enter the counter or measurement readings at the customer company
- Enter the written data or data received by fax/telephone into the system

### Internet Application Component Type

Consumer-to-Business (usual case when using the Internet)

Business-to-Business (conceivable when using an Intranet system)

### Prerequisites

#### Authorizations/Security

The person entering the measurement or counter readings must be authorized to access the following data:

Authorization object	Description
I_BEGRP	General maintenance authorization
I_TCODE	Transaction code

No particular security measures are necessary.

#### Standard Settings and Predefined Data

None

### Features

This Internet Application Component does **not** include the following functions of the standard transaction IK11:

- External setting of the total counter reading
- Counter replacement

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- Navigation possibilities in the R/3 environment  
(for example, displaying the technical object belonging to the measuring point, the object structure, or the measurement document list)

**Modification Options**



Each change made to R/3 development objects that are used for Internet Application Components is a modification. You should never make changes to the development objects of the standard system.

The following options are available when creating your own transaction based on the standard application:

- You use less functionality than is actually available  
In this case, you deactivate the fields that you do not require.
- You use more functionality than is actually available  
In this case, you analyze transaction IK71 using the ABAP Workbench (function group IMRI), and install the additional functionality required into your application component.



This enables the user to specify, for example, the difference between the last reading when entering the current counter reading.

It also enables the user to enter a damage code or short text (40 lines maximum).

**Service Name**

The service name of this Internet Application Component is IK11. You can find all the relevant data under this service name in the SAP@Web Studio.

**R/3 Development Objects**

Data exchange on the Internet takes place within R/3 using transactions and function modules. The following function modules are necessary for entering and transferring measurement and counter readings:

Development class:	IMRI
Transaction:	IK71
Function group for screens:	IMRI
Function module:	MEASUREM_DOCUM_DIALOG_LIST_1

## Entering Measurement and Counter Readings in the Internet (PM-EQM-SF)

1. Your customer manually reads counter or measurement readings at the devices provided for this.
2. He or she then enters this data in the Internet and saves it.
3. A measurement document is created in your R/3 System when the data is saved.
4. You can process this measurement document in the R/3 System in the usual way and perform evaluations or forecasts on the basis of the document data.