

Function Module to retrieve Forecast Results

Objective:

Make forecast results available for external systems/applications.

Function Module:

Forecast results can be retrieved cross-system by calling the remote enabled function module ("RFC"):

/DMF/UFC_RETRIEVE_RESULTS

Interface:

Input parameters:

Parameter name	Meaning	Default value	Description
IV_DIAG_ID	Diagnostics Identifier	blank	UDF can store model/forecast results for a defined diagnostics ID. Production forecast will create results for DIAG_ID blank (or 4 whitespaces)
IV_TS_SOURCE	Timeseries Source	POS_TS	UDF supports four types of timeseries: POS_TS (Point-Of-Sales data), CONS_TS (Consumption sales data), POS_VDM and SO_VDM
IV_SENDER	Logical system	-	DDF supports using data from several logical systems.
IT_PL_FC_HORIZON	Product-location specific forecast horizon	-	The content of this table defines for which product-locations and for which forecast horizon results are retrieved. The product-locations have to be specified in the external representation (not GUIDS) and the location type code has to be specified as well. The forecast time granularity is 'day' hence the horizon time format (start date and end date) is date - without time information.

Output parameters

Parameter name	Meaning	Description
ET_FC_RESULTS	Forecast results	A forecast value, forecast variance and DIF effect per (external) product-location and date Note (1): As there is currently no way to read the DIF effect, this values is constantly 0.0 Note (2): If the variance value is -1.0 there is no variance available. The variance is a result from the modeling. It is possible to have forecasts for a product without having it modeled before. Forecasting a newly listed product with hierarchical priors would lead to this situation.
ET_MSG	Messages	Invalid input parameters are indicated by a message of type /DMF/MSG_HL

Note:

The key of the output table is product–location–location_type_code–date.
However, UDF knows more keys:

- product-location and multichannel keys
- regular sales and offer sales at one day

If there is more than one record at a day due to regular sales and offer sales or as there are sales for more than one channel, results are aggregated on the product–location–day level.

