Hyperion smart view excel functions

****

This document contains a short overview of the Excel functions available with Hyperion Smart View.

Excel Functions available with Hyperion Smart View

## OVERVIEW

|  |  |  |
| --- | --- | --- |
| **Table 35. Smart View Functions and Supported Providers** |  | [Using Functions](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvzz/using_functions.html) |
|  |  |  |
| **Function** | **Description** | **Supported Providers** |
| [HsGetValue](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s01.html) | Retrieves data from a data source. | Financial ManagementEssbasePlanningHyperion Enterprise (private connection only) |
| [HsSetValue](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s02.html) | Sends values to the data source. | Financial ManagementEssbasePlanningHyperion Enterprise (private connection only) |
| [HsGetSheetInfo](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s03.html) | Retrieves detailed information about the current worksheet. | Provider-independent |
| [HsCurrency](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s04.html) | Retrieves the entity currency for the selected members. | Financial ManagementHyperion Enterprise (private connection only) |
| [HsDescription](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s05.html) | Displays the description for the default member. | Financial ManagementEssbaseHyperion Enterprise (private connection only) |
| [HsLabel](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s06.html) | Displays the label for the default member. | Financial ManagementHyperion Enterprise (private connection only) |
| [HsGetText](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s07.html) | Retrieves cell text from the data source. | Financial ManagementHyperion Enterprise (private connection only) |
| [HsSetText](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s08.html) | Sends cell text to the data source. | Financial ManagementHyperion Enterprise (private connection only) |
| [HsGetVariable](https://docs.oracle.com/cd/E57185_01/SMVUG/ch18s06s09.html) | Retrieves the associated value for a substitution variable. | Essbase |

# [Creating Functions Manually](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvzz/creating_functions_manually.html)

# [Creating Functions in the Function Builder](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvzz/f_fnc_bd.html)

# [Common Function Error Codes](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvzz/common_function_error_codes.html)

The following list describes some of the common error codes that are displayed in functions.

#NO CONNECTION - This displays when you are not connected or logged on to a data source.

#INVALID - Invalid metadata. These are the cells that are displayed in red in data grids. Invalid cells that contain a value display the value as zero.

#LOCKED - The cell is locked.

#NO ACCESS - You do not have access to this cell.

#NO DATA - The cell contains NoData. You can select to display zeros instead of NoData. Cells use the Replacement text that you specify in the Options dialog box.

#INVALID INPUT - This displays when the HsSetValue data value is not valid, for example, a text string.

#READ ONLY - This is for the HsSetValue function only when the cell is Read-only.

#NO ROLE ACCESS - The user does not have the Financial Management LoadExcelData security role.

#NEEDS REFRESH - Data needs to be refreshed.

#INVALID DIMENSION - An invalid dimension is specified in the function.

#INVALID MEMBER - An invalid dimension member name is specified in the function.

#NAME - This error occurs when Microsoft Excel doesn't recognize text in a formula. When you forward a spreadsheet that contains functions to a user who does not have Smart View, users can view the same data as the functions remain displayed on the spreadsheet. When the user edits the function or selects Refresh, the function changes to #Name.

# Oracle Smart View Documentation

# [Oracle Smart View for Office Documentation Release 21.100](https://docs.oracle.com/cd/E12032_01/doc/epm.921/html_hsv_user/frameset.htm?/cd/E12032_01/doc/epm.921/html_hsv_user/hsv_help-13-06.htm)

The above link contains links to the following:

[Oracle Smart View for Office Release 21.100 Accessibility Guide](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvcc/index.html)

[**Oracle Smart View for Office Release 21.100 Developer's Guide**](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/smvvv/index.html)

[Oracle Smart View for Office Release 21.100 Installation and Configuration Guide](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvxx/index.html)

[Oracle Smart View for Office Release 21.100 Readme](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvrr/index.html#SVVRR-GUID-8468A82C-9F84-4115-9955-B553D91DB81A)

[Oracle® Smart View for Office User's Guide](https://docs.oracle.com/en/applications/enterprise-performance-management/smart-view/21.100/svvzz/index.html)

Additional resources:

The Developer’s Guide contains all VBA functions available for Smart

View and Essbase. Below is matrix of all VBA functions for all Oracle Products.

[Smart View for Office Developer's Guide - VBA Functions - 21.100](http://www.recursivecreativity.com/Files/Hyperion/Smart%20View%20for%20Office%20Developer%27s%20Guide%20-%20VBA%20Functions%20-%2021.100.xlsb)

All the above data has been copied from Oracle’s website, with one exception. I developed the matrix, which uses data copied and pasted from Oracle’s web site.

**(last updated August 15, 2021)**