

HanAra Spreadsheet is a **Microsoft Excel add-in** that establishes a direct connection between the HanPrism Server and Microsoft Excel. It enables users to retrieve information from the HanPrism system directly into an Excel worksheet. Combined with the computational, graphic, and formatting capabilities of Microsoft Excel, HanAra Spreadsheet offers powerful tools for gathering, monitoring, analyzing, and reporting data.

HanAra Spreadsheet allows you to access **current, historical, and statistical data** in Excel for reporting and analysis purposes. In the HanAra tab, users can create flexible reports, perform complex data analysis, and visualize as well as analyze data using quick trends.

How It Works

As a part of HanPrism, HanAra Spreadsheet adds a tab into your existing Excel application. Once connected to the HanPrism Server, HanAra Spreadsheet returns function arrays that can be updated as needed. Users also have the

ability to export the data into a CSV file. HanAra Spreadsheet supports six data retrieval functions: **current data** (retrieves the current or most recent value of a tag), **historical data** (retrieves historical data of a tag at a specific time), **archived data** (retrieves historical data within a specific period or a particular number of historical data values), **sampled data** (retrieves historical data within a specific period based on an interval), **statistical data** (calculates statistical data during a specific period), and **event statistics** (calculates how long

an event lasted or how many times the event occurred within a specific period). With HanAra Spreadsheet, users can:

- Read current values, instantaneous values, archived data sample data, intergral values, and events in Excel
- Build report templates in Excel and update the data with a single click
- Query data from multiple servers into the same Workbook or Worksheet
- Export data directly into files with large amounts of inquiry data

What's the Value

With HanAra Spreadsheet, you have an easy to use tool to get the data you need in the format you need for further analysis. This will save you time so you can focus on the analysis and implementation.

