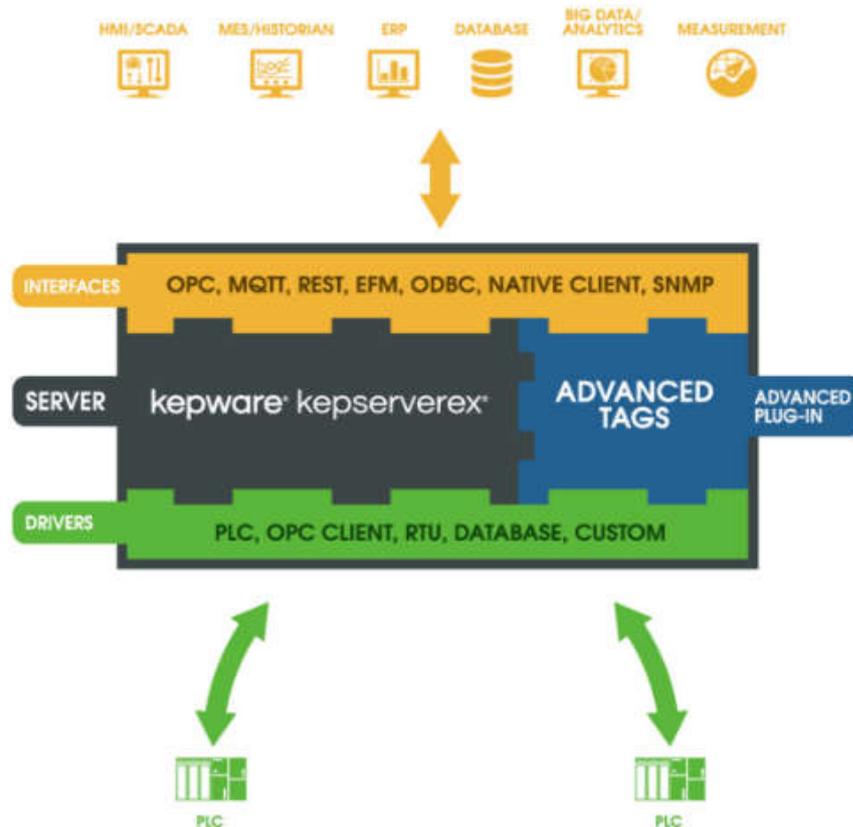


Advanced Tag

SKU: KWP-ADTGO0-PRD

Advanced Tags enables Machine to Machine (M2M) tag linking, logic, and math functions for operational communications and analysis. It can link two data tags, set a trigger based on logical states, and calculate new values from raw measures. Executing math, logic, or analysis at the connectivity platform level brings data closer to the source.



Advanced Tags provides users the tools needed for proper operational analysis, which requires that industrial control applications deliver an array of data that often needs some form of calculation to identify deficiencies and determine whether operations are functioning correctly. By offering six easy-to-use, pre-defined tags to execute math, logic, or analysis at the tag level, Advanced Tags helps users improve decision-making and efficiency in their industrial control applications.

Features

- Includes six, pre-defined linking, logic, and math tags:
 - Average Tag: Calculates the average value of a tag over a defined time.
 - Complex Tag: Groups multiple tags of varying data types as a single complex item or structure.
 - Link Tag: Links data between different protocols.
 - Maximum Tag: Reads and persists a tag's maximum value over a defined time.
 - Minimum Tag: Reads and persists a tag's minimum value over a defined time.
 - Derived Tag: Uses basic scripting and standard logic and math functions to provide calculations exceeding those of pre-defined tags. These tags have the ability to control the frequency and conditions with which an expression will be evaluated, and enable users to incorporate more complex equations into their applications.
- Supports the import and export of tag data in a Comma Separated Variable (CSV) file

BENEFITS OF ADVANCED TAGS

1. **Cost:** Use with existing micro, nano, and less capable PLCs—there is no need to purchase expensive PLCs or PACS.
2. **Time:** Gain a consistent methodology across all hardware and software platforms, with a single application configuring linking, logic, and math functions.
3. **Performance:** Decrease network traffic and improve bandwidth by reducing communications between the server and multiple client applications.
4. **Reliability:** Ensure data consistency across all clients via a single data access point.
5. **Knowledge:** Does not require special PLC or HMI programming skills.
6. **Data Sources:** Collect and manipulate data from a variety of applications and devices.
7. **Project Modification:** Easily modify and configure new and existing linking, logic, and math functions with its straightforward user interface.

For an inexpensive operational analysis tool, consider using Advanced Tags along with DataLogger and any ODBC-supported database. KEPServerEX also supports DDE connectivity, combining the powers of Microsoft Excel and Advanced Tags.