



# DAQManager

**Data Management Software  
for Paperless Recorders**

**DXAdvanced R3**  
**MVAdvanced**

**Powerful high-speed data management functions streamline routine tasks**  
**The ultimate software solution for maximizing the benefits of your paperless environment**

**Easily display a list of tag names, alarms, messages, and other data**

**Indexing to enable quick searches**

**Data can be arranged automatically by individual devices, each having customizable names**

**Lets you check values including data points at specified times (the cursor value) and the min or max value between cursors**

**Easy viewing — enables zooming of the y-axis with the mouse, and combining y-axes of identical units**

**Display messages entered on the instrument, and add user comments (marks)**

Tag name	Tag No.	Channel number	Start time	Stop time	Interval	Data Type
FIC-001		CH001	2009/05/08 09:19:00.000	2009/05/08 12:38:56.000	4 Sec	Display data
FIC-002		CH002	2009/05/08 09:19:00.000	2009/05/08 12:38:56.000	4 Sec	Display data
ETC-003		CH003	2009/05/08 09:19:00.000	2009/05/08 12:38:56.000	4 Sec	Display data

## Indexing to Enable Quick Searches

You can easily find desired data such as tag names, alarms, and messages using date/time, batch names, and other search criteria. Searches yield quick results thanks to indexes of the managed information registered when data files are loaded into DAQManager.

**DAQManager Management Area**  
Managed folders

Alarm status	Alarm	Level	Occurrence time	Tag name
ON	LdLow	High	2008/01/07 ...	
OFF	LdDelay High	Low	2008/01/07 ...	
ON	LdDelay Low	High	2008/01/07 ...	
OFF	Rate Low	Low		
OFF	Delta High	Low		
OFF	Delta Low	Low		

## Variety of Graphs

You can display data files not only "as-is," but also by selecting channels of individual instruments or of differing recording intervals for display on a single trend graph. User created graphs can be printed, converted (to text or Excel format), saved, and recalled for future analysis.

DX1000 25ms

DX1000 1s

DAQManager

Bulletin 04L47B01-01EN

[www.yokogawa.com/ns/](http://www.yokogawa.com/ns/)

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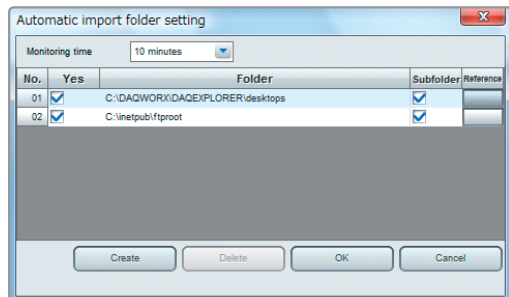
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# DAQManager

## Easy Data Loading/Importing

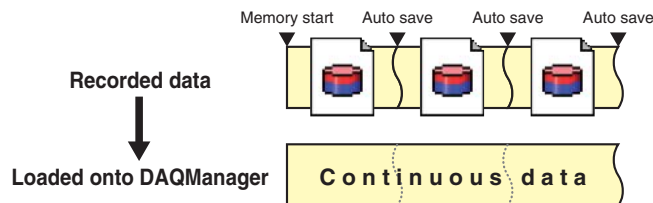
To load data, simply specify its folder. DAQManager automatically manages information such as date/time and batch by the instrument from which it was originally recorded — frees the user from complicated folder structures. Using DAQWORX DAQEXPLORER and other software, you can automatically forward data files for complete automation of data recovery tasks.



Folders can be monitored as often as every 10 minutes, and automatically imported.

## Data Auto Merge

Data saved separately to multiple files are automatically merged. DAQManager treats data as continuous data from memory start to memory stop (or as “in progress” during continuous recording), and data continuity from file to file is confirmed without requiring any action by the user.



### DAQManager can:

- Ex. 1: Search data from even dozens of recorders by tag names and dates/times.
- Ex. 2: Search various batch data by batch information and messages.

Application 1: Every Monday, display a list of alarms that occurred during the previous weekend.

Application 2: Extract only drainage data from recorders at all factories and consolidate on a single graph.

### SPECIFICATIONS (for details, see general specifications sheet GS 04L47B01-01EN)

- ◆ **Operating System**  
Windows XP Home Edition, Professional (x64 Edition not supported)  
Windows Vista Home Premium 32-bit, Business 32-bit (64-bit editions not supported)
- ◆ **Processor**  
Intel x64 or x86 Pentium 4 3.0GHz or faster (or equivalent) recommended  
\* Operation with the multi-processor not guaranteed.
- ◆ **Main Memory**  
Windows XP: 1GB or more, Windows Vista: 2GB or more (recommended)
- ◆ **Hard Disk**  
Approximately 100 MB required for installation, plus additional space for indexing (up to 2 GB per management area) and saving of data files
- ◆ **Supported models and file types (extensions)**  
Daqstation DXAdvanced DX1000/DX1000N/DX2000 series, DX364,  
MVAdvanced MV1000/MV2000 series  
display data files (.dad) and event data files (.dae)  
DAQSTATION DX100/DX200 series  
display data files (.dds) and event data files (.dev)
- ◆ **Number of importable devices per management area**  
300
- ◆ **Data indexed for searching**  
Date/time, tag name, batch name, display group name, messages, alarm type, and others
- ◆ **Displayed/printed data**  
Waveforms (trend graph), alarms (list), mark (messages) list, cursor values, selection calculations (min, max, P-P, and average (displayed for event data only))

### MODEL AND SUFFIX CODES

Model code	Suffix code	Optional code	Description
DXA250			DAQManager
Delivered format	-1		Installation medium: CD-ROM
Option		/S1	Release anniversary campaign edition (through December, 2009)

### Announcement 1: Anniversary campaign (through December, 2009)

A release anniversary campaign edition of DAQManager will be on sale until the end of December 2009. Get the same standard functionality for a less-than-standard price. Don't wait!

### Announcement 2: DAQManager trial download

Download DAQManager for a 30-days trial.  
Visit <https://y-link.yokogawa.com/> and click **Software Download!** (planned for June 2009)

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### NOTICE

- Before operating the product, read the instruction manual thoroughly for proper and safe operation.

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CLEARLY

KNOW  
IN ADVANCE

ACT  
WITH AGILITY

VigilantPlant is Yokogawa's automation concept for safe, reliable, and profitable plant operations. VigilantPlant aims to enable an ongoing state of Operational Excellence where plant personnel are watchful and attentive, well-informed, and ready to take actions that optimize plant and business performance.

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