



**Intelligence for the field,
information for the office**

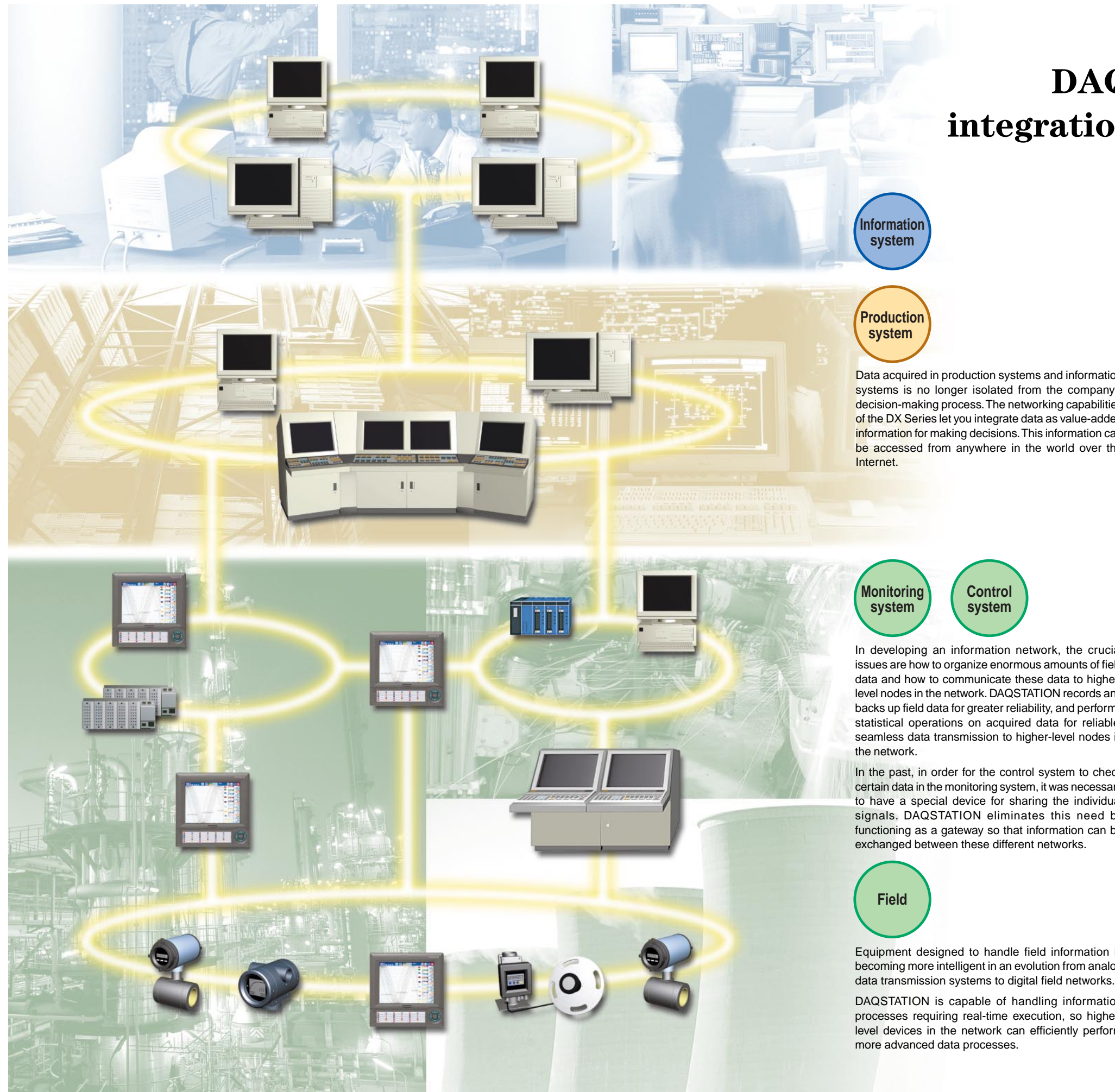
DAQSTATION: Setting the stage for a new era of data acquisition based on networking technology

Companies today face a growing number of challenges—reducing total cost of ownership (TCO), improving efficiency, and controlling quality. As these needs become more prominent, companies must deal with a growing amount of information needed to make informed decisions. Conventional industrial recorders have been used primarily to monitor and record data in the field. In order to quickly extract information that is valuable to a user from this sea of data, recorders need to be made intelligent. This means they need to have advanced information processing and communication capabilities.

The DX Series of DAQSTATIONS represents a next-generation data acquisition station solution for the 21st century from YOKOGAWA, the worldwide leader in recorder technology. DX Series have leading-edge networking functions and advanced data processing capabilities.



DAQSTATION for seamless data integration from the field to the office



Data communications technologies are now used throughout industrial businesses, for operations management, production management, controls and monitoring, and other purposes. DAQSTATION was designed to let you build a seamless data network between the field and the office by interconnecting these application-specific technologies.

DAQSTATIONS are primarily installed in the field, and in monitoring and control systems. In addition to storing and monitoring data, they perform various information processes and facilitate data backups over the network. DAQSTATIONS also perform various calculations and statistical operations on data acquired in the field, and smoothly transmit the results of calculations to production and information systems higher up in the network hierarchy.

Intelligence for the field, information for the office... The concept behind DAQSTATION will set the standard for 21st century measuring systems.

DAQSTATION



Memory



Removable storage media make it easy to store data without printing on conventional recording paper. These media are an important part of the DAQSTATION solution. DAQSTATION supports large-capacity media such as Zip drives and ATA flash memory cards, and has the flexibility to support other recording media in the future as they become available.

Open Connectivity

Unlock DAQSTATION's potential with powerful PC application software. When combined with application software, DAQSTATION lets you do more than simply redisplay and acquire data. You can also create databases to take advantage of DAQSTATION's advanced networking capabilities.



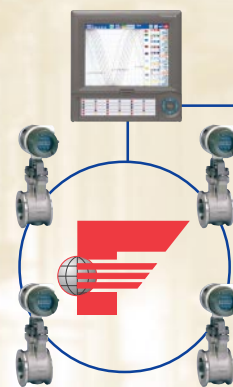
Network



DAQSTATION lets you periodically back up data to a server using File Transfer Protocol (FTP). DAQSTATION's internal memory and recording media, combined with backups to a server, provide greater automation and reduce the user's workload.



DAQSTATION does more than simply transmit measurement data. It can also output calculations, reports, and alarm information over the network. An added benefit is the ability to access such value-added DAQSTATION information from anywhere in the world over the Internet.



Today's measurement systems are evolving beyond mere analog data acquisition as they become part of digital field networks such as FOUNDATION Fieldbus.

DAQSTATION is designed for the new digital age, and will continue to evolve to meet your needs.

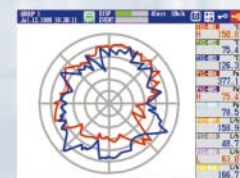
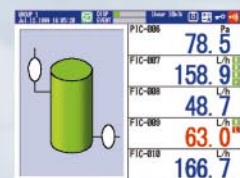
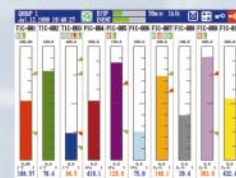
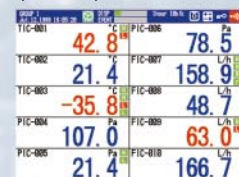
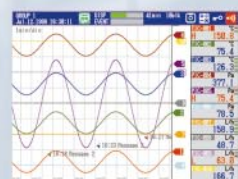
DAQSTATION: Evolving to meet your needs in the digital age

In the rapidly changing world of industrial technology, recorders need to be designed to help users take advantage of changes instead of reacting to them. DAQSTATION lets you develop and refine your data acquisition system as your needs change and evolve.

The addition of graphic displays to recorders was a dramatic step forward in user interface quality. Paperless recorders have expanded the potential of recorder applications. They are capable of displaying trend displays, digital values, bar graphs, and other types of displays.

DAQSTATION takes this a step further by handling a variety of images and graphical data. This information can be recorded, displayed, stored, and transmitted over the network.

Graphic



DAQSTATION





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