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Techniques For Measurement Instrumentation  
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PC interfacing and data acquisition : techniques for measurement, instrumentation and control. by. James, Kevin. Publication date. 2000. Topics. data, interrupt, software, interfacing, control, acquisition, signal, dma, serial, system, data

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These expensive specialized systems were surpassed in 1974 by general purpose S-100 computers and data acquisitions cards produced by Tecmar /Scientific Solutions Inc. In 1981 IBM introduced the IBM Personal Computer and Scientific Solutions introduced the first PC data acquisition products.

## **Data acquisition - Wikipedia**

Supervisory control and data acquisition (SCADA) is a control system architecture comprising computers, networked data communications and graphical user interfaces (GUI) for high-level process supervisory management, while also comprising other peripheral devices like programmable logic controllers (PLC) and discrete proportional-integral-derivative (PID) controllers to interface with process plant or machinery.

## **SCADA - Wikipedia**

Cold-Junction Compensation • D/A Conversion • Digital I/O

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A text for students who apply personal computers to applications in electronics, such as interfacing, digital and analog input/output, data acquisition, and computer control of external devices. Covers external and internal bus data acquisition, sensors and input signal conditioning, and aspects of interfacing to the PC bus.

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Synaptics, a producer of human-interface (HMI) solutions, announced this week that it has inked a definitive agreement to buy DisplayLink, a specialist in video compression technology. With a market capitalization of \$2.4 billion as reported by CNN, Synaptics is financing the \$305 million transaction entirely out of cash on hand.. The deal is expected to close in Synaptics' first quarter of ...

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