The Research of the OPC Applied to Monitoring the Remote Equipment by LabVIEW

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ABSTRACT

ABSTRACT With the popularization of the wide-band network and situation with more and more developed technology of the computer, application that various kinds of industry technology combined the network service has already become a kind of trend, link the automation equipment or a manufacture procedure through the standard network communication protocol, have already become the technological mainstream of the automatic industry, and needn't be to gather live in the data collection of the jobs, only need to be in many aspects by fixed position to gather different places. This page thesis will be applied OPC (OLE for Process Control) cooperates with LabVIEW and regarded as the transmission media of the data through the internet network, according to of reaching and monitoring controlling at a distance, and control the operation situation of PLC with LabVIEW on line by way of PLC and OPC actually, and read supervising to control conveyed to the many computers of distant place by the data, and carry the computer and can switch over the necessary data according to one's own demand far.

Keywords : OPC, LabVIEW, Remote Control

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