IoT and data analysis with PC-based Control

The requirements on automation systems of process plants are especially high due to the need of safety as well as efficiency. A key factor to meet these requirements is the integration of IoT and analysis functions into the plant control system.

Collecting, historizing and analyzing process data and environmental parameters can provide information about the productivity of the plan. At the same time, condition monitoring of the plant components can increase safety and reduce downtimes.

By using cloud solutions, the acquired data can also be stored in the cloud so that ata from globally distributed plants can be collected. In this way, central analysis and maintenance of process and plant data is possible, which meets the demand for efficiency and safety.

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