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NEXUS Industrial – Digitization of a plant

NEXUS is an innovative Database Management System (DBMS) that provides assistance to maintenance teams, operators, and developers of industrial facilities for continuous and transparent operation and development.

With the data and documents uploaded into the database, the NEXUS program ensures that crucial information related to equipment and data is readily available in the field (such as Piping and Instrumentation Diagrams, Metering Circuit drawings, specifications, etc.).

We present the digitalization process of a pharmaceutical plant, including the procedures, experiences, and advantages of digitalization. Through this digitalization journey, we can gain a better understanding of the benefits and challenges of implementing digital systems. The digitalization process involves transforming traditional, paper-based workflows and data management into a digital format. This transition enables the pharmaceutical plant to leverage modern technologies for data storage, analysis, and decision-making.

Through online database operations, users can access the central database, which leads to reduced workload for the workforce (reduced working hours) and increases the efficiency and quality of processes (simplified procedures, prevention of data loss, and faster information flow).

Hotel Palota *****
Miskolc-Lillafüred
2-4 October 2023

Process Control
Systems Meeting

PCS

