

IT Systems

for power plant operation and maintenance



TOPi[®], Maximo[®], ProDiary - our operation and maintenance IT system products as well as our simulators Solvo[®] and Apros[®] provide greater efficiency, productivity and availability for power plants without forgetting the safety and environmental requirements.

Our O&M IT system products have been developed using our own long term expertise on systems and cooperation with carefully selected market leader partners. The basis of all systems is Fortum's sound experience of power plant operation and maintenance.

TOPi[®]

TOPi[®] is a tool for real time monitoring and optimization of power plant processes, thermal condition monitoring, data analysis, reporting as well as production planning. The system includes automation interface, database, versatile user tools, Solvo[®] process calculation and other applied calculations. The system is especially designed for improving power plant operational economy, optimization of production and decreasing maintenance costs.

MAXIMO[®]

Maximo[®] is a maintenance and material management system, which files and updates data on power plants functions, equipment and spare part stock. The system is used for maintenance and annual overhaul planning, monitoring equipment status, management of stocked items and cost analysis. Maximo[®] contributes to improving the power plant availability and performance and to reducing operation costs - without decreasing the safety level.

PRODIARY

ProDiary is an electronic shift logbook. The system provides hierarchic log structure, search functions and it is

very easy to use and implement. ProDiary is especially designed for improved interaction between operation and maintenance.

SOLVO[®]

Solvo[®] is a versatile steady state simulator for the design and optimization of power plant processes. It can be used as stand alone off-line simulator or on-line simulator as part of TOPi[®] system. With Solvo[®] it is possible to monitor power plant process and selected KPI targets as well as how well the targets are reached.

APROS[®]

Apros[®] (Advanced Process Simulator) software is multifunctional software for modeling and dynamic simulation of processes and different power plants. Apros[®] provides rigorous dynamic simulation models to support various engineering tasks. It can be used e.g. for safety analysis, process design, training or automation testing.

OTHER PRODUCTS

Our expertise and experience covers also solutions for document management and NDT measurement, data management and different IT systems and cyber security consultancy.

For further information, please contact:

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