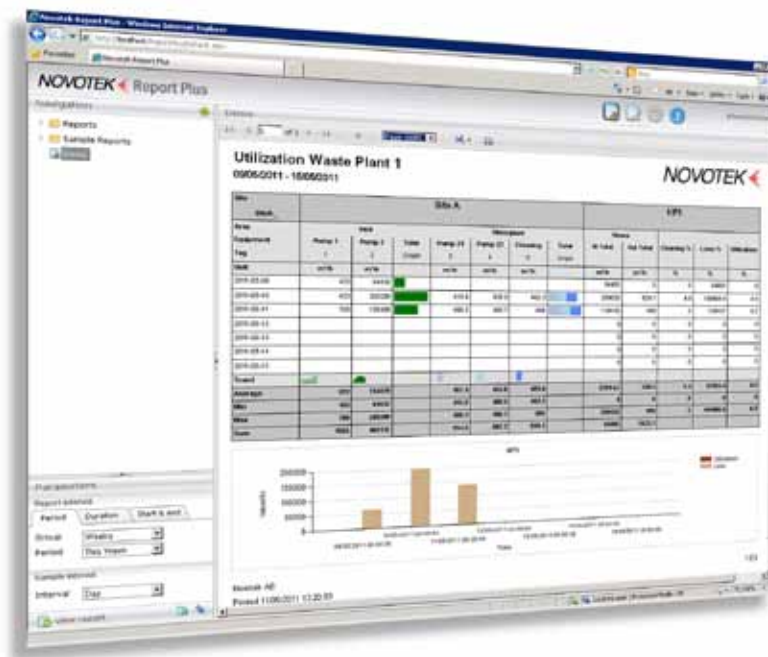


NOVOTEK Report Plus

:: PLANT INFORMATION :: PLANT EXECUTION :: OPERATOR INTERFACE :: CONTROL

Targeting the variety of reporting requirements in the process and production industries, Novotek Report Plus delivers powerful standard and custom web reports for Proficy Historian.



KEY TECHNICAL BENEFITS

Extends Proficy Historian information

Data corrections with auditing

Intuitive and easy-to understand report environment

Total production and process reporting

Operations, management and regulatory reporting

Web integration

Easy to manage and maintain

Open and layered

Reporting today is driven by the focus on production efficiency, environmental influence, process traceability and cost of ownership. Novotek Report Plus (NRP) is targeting that demands by delivering intelligent and interactive reports to visualize regulatory compliance, material and energy consumption and the overall usage of the production facility.

NRP is an easy to use web based reporting tool for creating efficient and powerful reports not only for Proficy Historian, but also for any database system available on the production and process floor. By use of the powerful templates, wizards and sample system both the getting started time and the maintenance cost are reduced.

FEATURES AND FUNCTIONS

Report Client

A powerful report runtime client enables the user to dynamically generate and display Historian reports and also any generic SQL report. All reports can be exported or scheduled to PDF, Word, Excel or printer for further distribution and data analysis.

Report Definition

NRP has two primary interfaces for creation of reports. The standard interface is a web based interface that is used by the basic user to easily set up a template based report with simple objects and limited data post processing. The extended interface(*) gives the power

user the full flexibility to create templates and reports for any type of SQL data and present it in many ways. It consists of tables, text boxes, 50+ charts, 20+ gauges, sparklines, maps, indicators and several other objects.

Powerful Historical Data Access

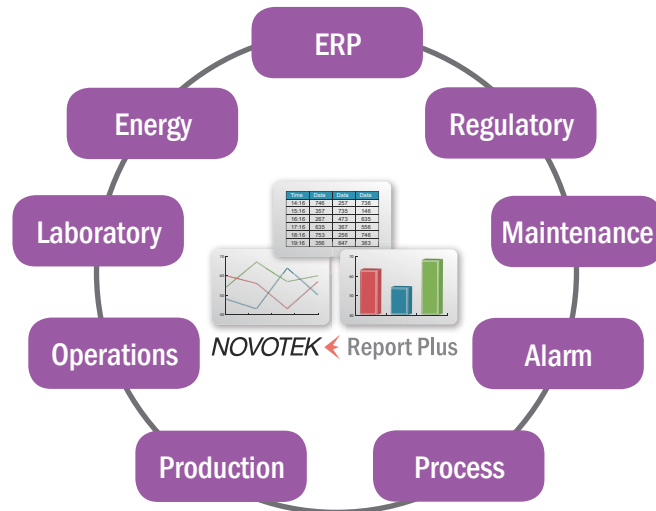
Historical data is fetched via an extended interface from the industry leading Proficy Historian. All raw data is stored to provide future compliance to regulatory requirements. NRP adds calculation modes to the Proficy Historian interface to optimize the report creation. Counter handling is added to automatically handle counter resets and counter turn-around.

Data Validation

NRP provides a powerful interface to make data corrections in the Historian data, thus providing one version of the truth for all users of that data. Specific report templates makes it possible to display value status and audit lists to ensure that the user gets the full picture.

Generic database reporting(*)

The generic design of the product leverages reporting capabilities towards any SQL enabled database which enables integration of production data, lab systems, ERP systems, maintenance systems etc.



NRP assists in integration and generation of all reporting demands in the production and process environment

Intelligent time handling

One of the key functions of a reporting solution is the time handling. By letting the users define named times, report generation is more easy to handle. NRP also gives the user the ability to separately select the reporting period and sample interval. The product has full support for Daylight Savings Time.

Low cost of maintenance

The core web based solution gives low cost of ownership. The web solution also eliminates the need for maintaining local report definitions and therefore report validation is simplified. Since NRP is focusing on industry standards, ease of use, templates and wizards, the need for extensive training is eliminated.

Powerful Integration

NRP can easily be integrated into different systems providing a common base for all production and process reporting throughout the organization. The native web handling makes it possible to integrate to SCADA, Portal and Intranet applications.

With intelligent extensions of the Proficy Historian database and an easy to use reporting environment, NRP can fulfill the different needs for operations, management and regulatory reporting.

(*) Requires a valid license of SQL Server 2008 R2