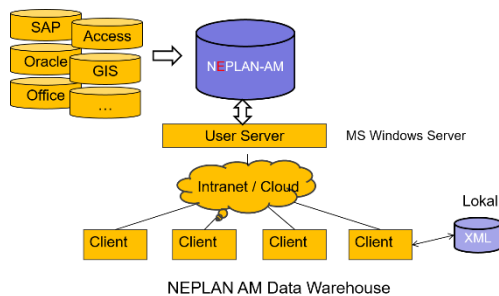


## Integrated Asset Management

Whether for maintenance planning, replacement strategy, new investments or the calculation of grid fees: The prioritization of assets is always the basis for further strategy options in order to use financial resources as carefully as possible. The goal is the best possible supply security with the lowest possible financial commitment. The incentive regulation adds another layer of complexity. In addition to the technical conditions of the assets and business return expectations, the influence of different asset strategies on the revenue cap and asset substance should be taken in to consideration. What is required is an integrated system that includes technical, commercial and regulatory aspects, and makes them available in the decision process.

## Comprehensive Data Warehouse

The embedded Data Warehouse in NEPLAN AM enables the importing, processing and linking of existing data which serves as a basis for further analysis and reports.

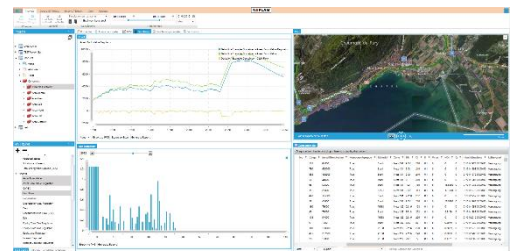


The user is provided with a GUI-based data interface editor. This enables the user to design user-defined interfaces to the leading data system e.g. ERP system (namely SAP, GIS, Oracle, SQL, Access, etc.). Data updates can be configured and initiated automatically or manually.

Any asset-attributes (technical - financial) can be imported. Using a formula editor, new attributes can be generated from existing ones or user-defined attributes.

## Functionalities

// **Modern User Interface:** Modern and user-friendly interface, remote control of the software using web services, built-in Maps



// **Data Warehouse:** Import any kind of assets (networks, power plants, oil industry, real estate), create your own data interfaces, use of standard data interfaces, automatic updates, comprehensive client and rights management

// **Custom data views:** Representation of complex equipment hierarchies (e.g. substation, oil-refining plant,...), user-defined data views (grouping, filtering,...), data quality testing and enriching data

// **RCM:** Flexible input of own assessment systems, optimal budget-oriented maintenance planning, assessment of hierarchical assets, comprehensive report editor, easy export of results into Office Products

// **Asset Simulation:** Simulation of entire asset groups or single assets, simulations of hierarchical assets, comparison of strategies using scenarios, detailed budgeting, calculation of sensitivities for all input parameters, optimizations

## RCM

The module RCM (Reliability Centered Maintenance) enables the user to calculate the condition and importance of any asset category. This includes complex, hierarchical assets such as substations in which an aggregation of the condition of subcomponents could be useful. The assessment system is able to use all available asset attributes (from data or self-defined) to evaluate the assets condition.



The integrated budget-planning-tool ensures the efficient and simple scheduling of maintenance measures. The user can choose one of the following strategies or define his own.

- TBM (Time Based Maintenance)
- CBM (Condition Based Maintenance)
- RCM (Reliability Based Maintenance)

The RCM Module is rounded off with extensive export possibilities for results and a flexible report generator (to PDF, Microsoft Word, Excel,...)

## Asset Simulation / LCC

The Asset Simulation enables the user to compare different medium to long-term asset strategies and to measure their performance based on technical and financial key figures. A key figure editor expands the analysis possibilities.

In NEPLAN AM tool, asset simulations can be performed using user-defined asset groups or single assets considering time-dependent attributes. Additionally, the scope of measures is dynamically adjustable along the asset configuration (replacement of an entire substation, an entire field, single asset). This allows the user to perform LCC (Life Cycle Cost) analysis.

It is possible to assign a budget to any asset group and thus to realize a budget plan ranging from the asset group to the single asset. The dynamic creation and allocation of simulation parameters, a far-reaching scenario manager and the ability to calculate sensitivities for any simulation parameter make this software a good offer.

## Your Benefits

- Modern, "State-of-the-art" software with integrated map
- Flexible data warehouse with enhanced functionality
- Data import made easy thanks to various standard interfaces and integrated interface editor (for Oracle, SQL, Access, Excel, SAP, ...)
- Efficient assessment and prioritization of assets with highly adaptable assessment systems
- Simulations of entire asset groups or single assets (LCC)
- Comprehensive tool for budget planning with the help of scenarios and sensitivities
- Export of all results in the most common formats (Excel, Text, Word, PDF)
- NEPLAN AM is a in-house development and thus ensures a quick respond to customer requests

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