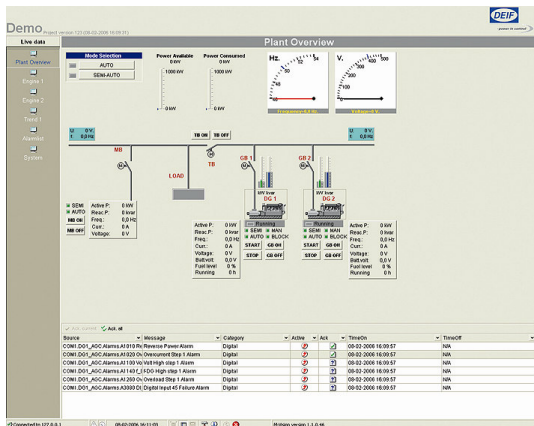


- ## Application

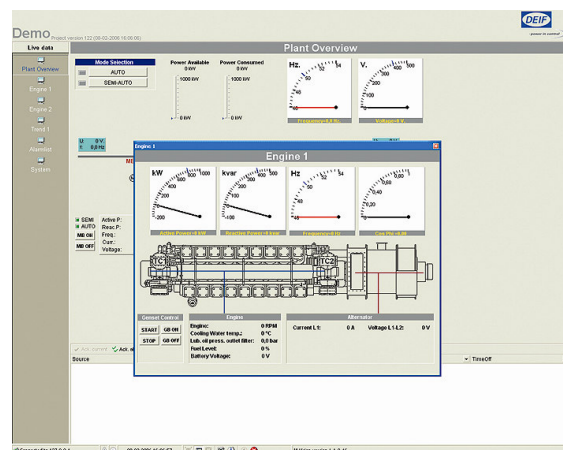
M-Vision includes the following tasks:

- The application developed on the M-Vision software allows for fully configurable user screens meaning that the user can configure the screens to match the specific application perfectly.

This screen provides all information concerning the electrical plant in form of animated graphical objects on a single line diagram (MIMIC). It is also the user interface for sending commands to the plant such as start/stop of the engine, breaker synchronisation or running mode of the plant, if permitted by the control system.



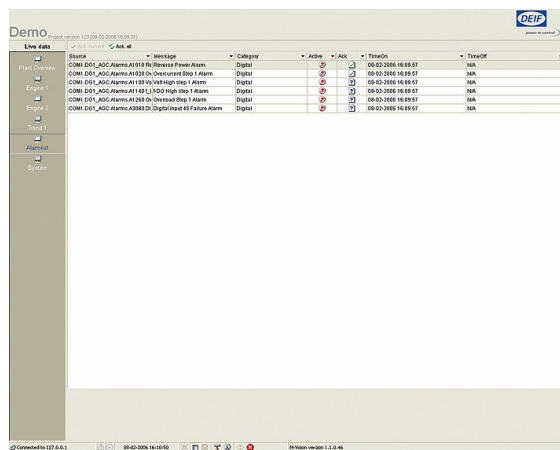
Additionally, some other screens can be developed in order to provide extra monitoring possibilities of other parts of the plant. As an example the mechanical parameters of the engine could look like this:



The alarm screen shows a dynamic list of alarms and events currently present in the control system. The alarms appear in different colours according to their status (acknowledged or not, active or inactive) as well as their types.

M-Vision can be configured to redirect these alarms to:

- A matrix printer
- A database (see Report section)



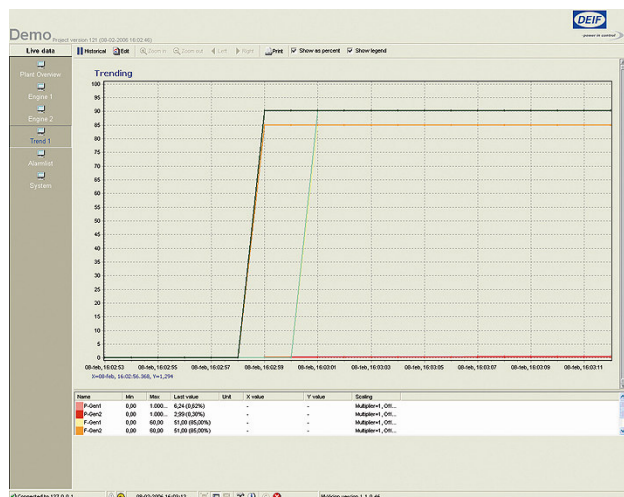
Type M-Vision

Trending

M-Vision also has some trending capabilities where any analogue or digital value present in the control system can be displayed in form of real time curves. The number of trending screens depends on the customer specifications.

It is possible to zoom in on segments of the trending curves in order to observe a specific time interval. A time cursor allows the user to scroll back and forth.

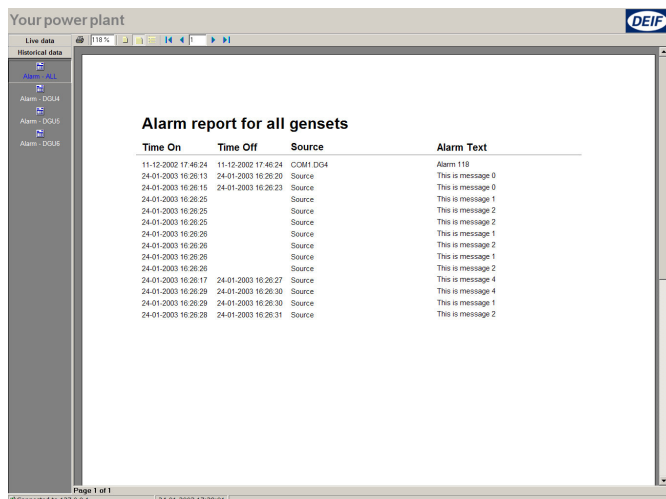
The trending can be printed out to a colour printer for instance.



Report

M-Vision also offers reporting possibilities based on data from the data logger and/or the alarm manager databases.

The layouts of the reports depend on the customer specifications. Any report can be printed out.



Client/server application

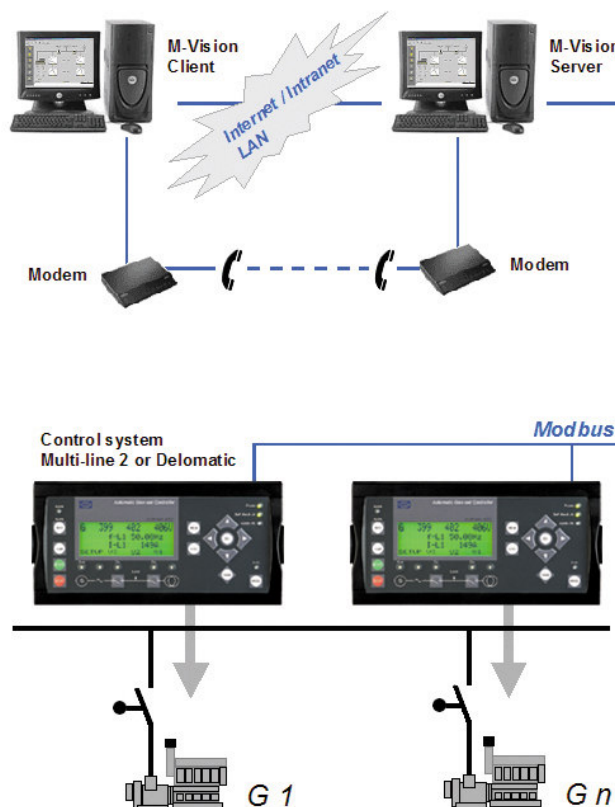
In addition to the M-Vision server, located on site, the system can share its screens and reports with one or several client applications.

The facilities offered by M-Vision server and client are strictly identical, but the server application uses some extra modules as summarised below:

	M-Vision client	M-Vision server
Visualisation	●	●
Reporting	●	●
Data logging		●
Alarm logging		●
Driver		●

The communication between M-Vision client and M-Vision server can be established through:

- A modem connection
- An internet connection
- An intranet or LAN (local area network)



System requirements

Hardware	Pentium compatible PC, min. 1.5GHz and 512mb ram
Operating system	Client: Windows XP Server: Windows XP Pro

Order specifications

The layout of the system depends on the customer specifications. Please contact DEIF for further details.

Due to our continuous development we reserve the right to supply equipment which may vary from the described.



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