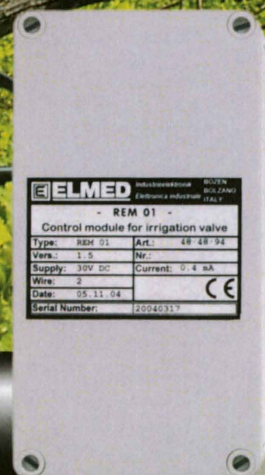


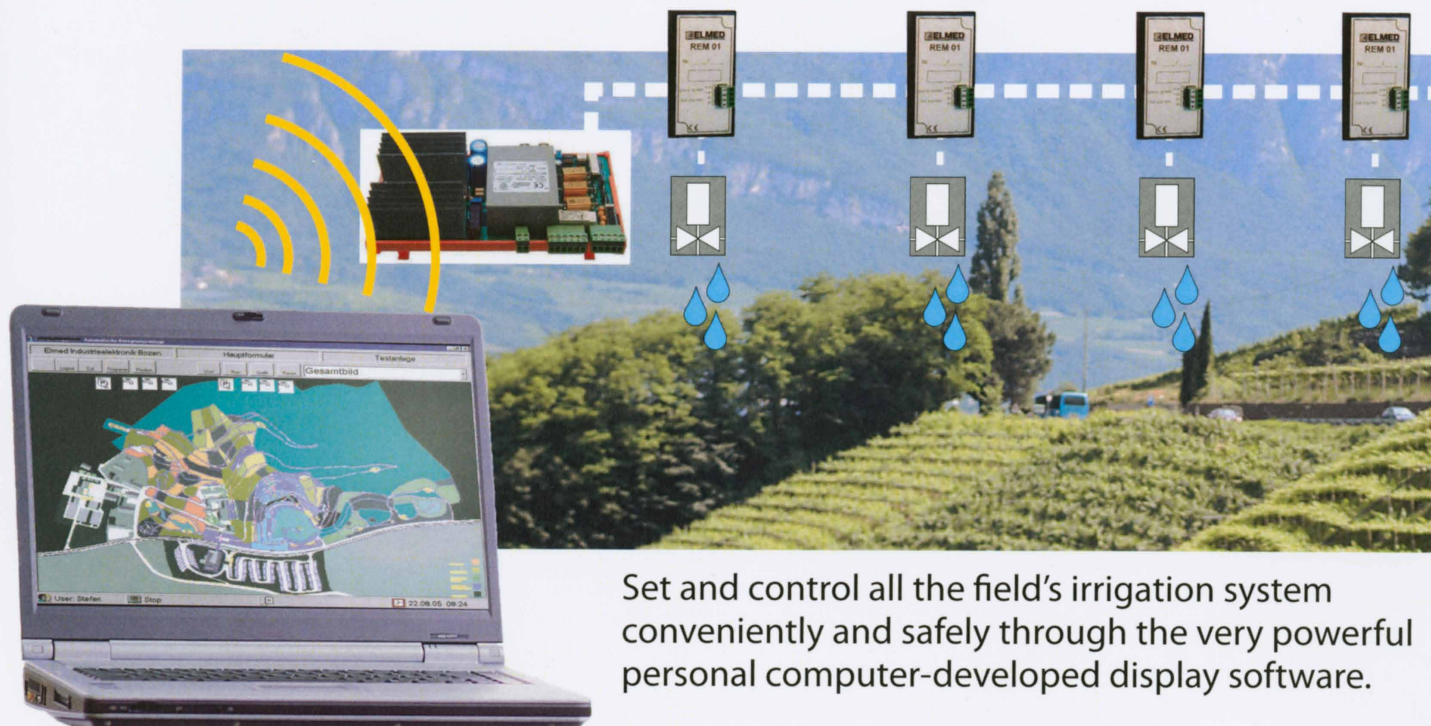


Industry-electronics



Irrigation system with display





Set and control all the field's irrigation system conveniently and safely through the very powerful personal computer-developed display software.

Irrigation without problems

No stress, no problems. Elmed irrigation system guarantees reliable control.

By sections

The system can be divided into sections, each including one or more pumps and valves.

Timing

Weekly and daily programmes can be set, as well as programmes for a specific day.

Automatic or manual

All automatic programmes can also be started or stopped manually.

Pumps and valves can be started/stopped individually.

Safety

Any problem is automatically identified by the display programme.

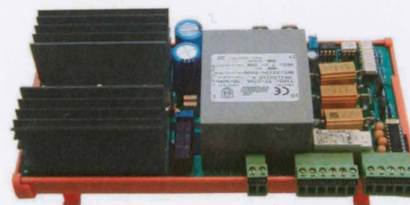
Connection

The system can be connected to an Elmed weather station.

In such case the system receives any frost alarm and automatically turns on irrigation.



The RAL01 control module linked to the display software checks and regulates irrigation. The RAL01 module is connected to the PC and to the valves' control modules.



The REM01 valve control module is fitted directly onto the system's various valves and feeds them electricity turning them on or off. A version including a percolation adjustment feature is also available.

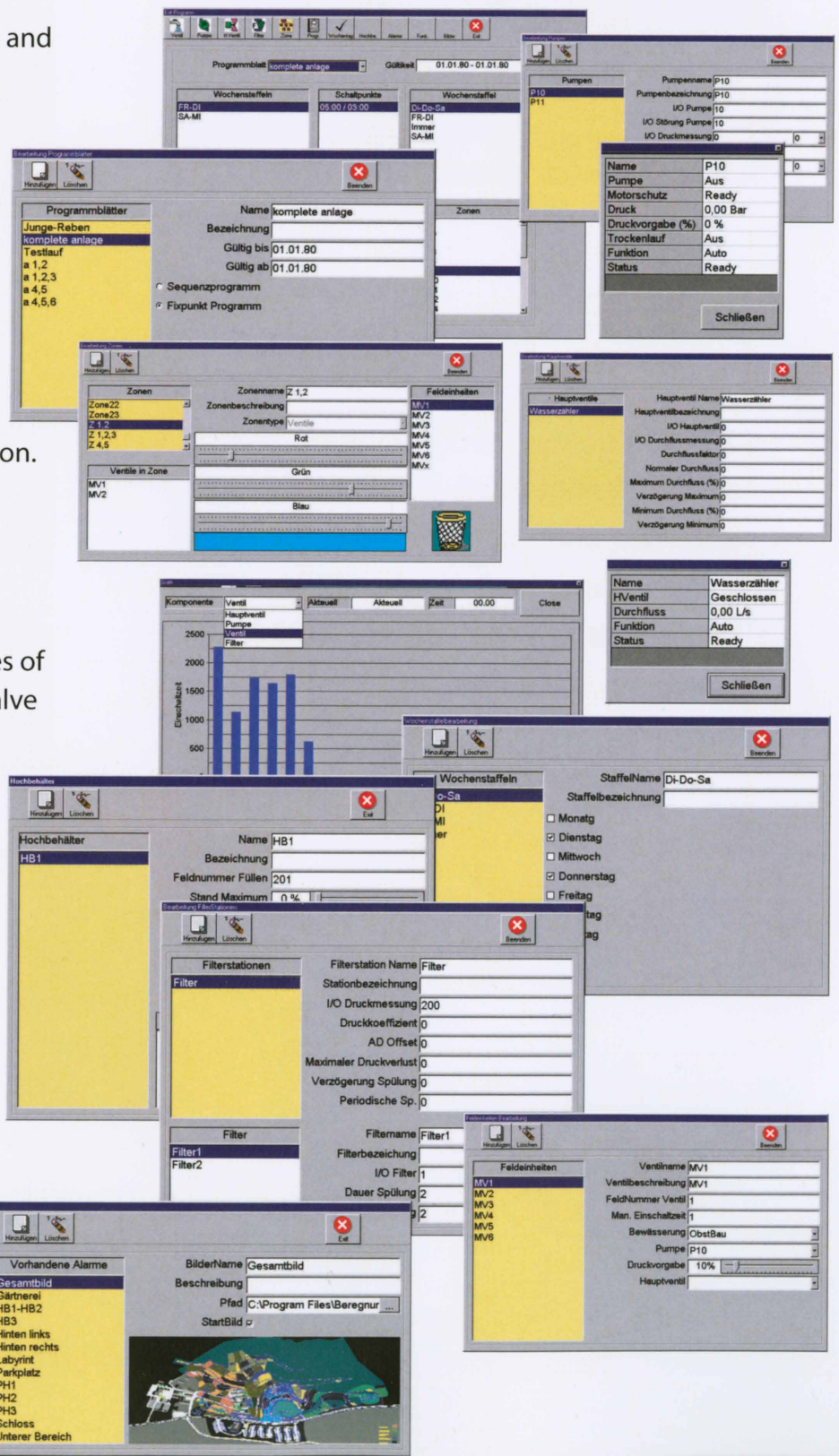
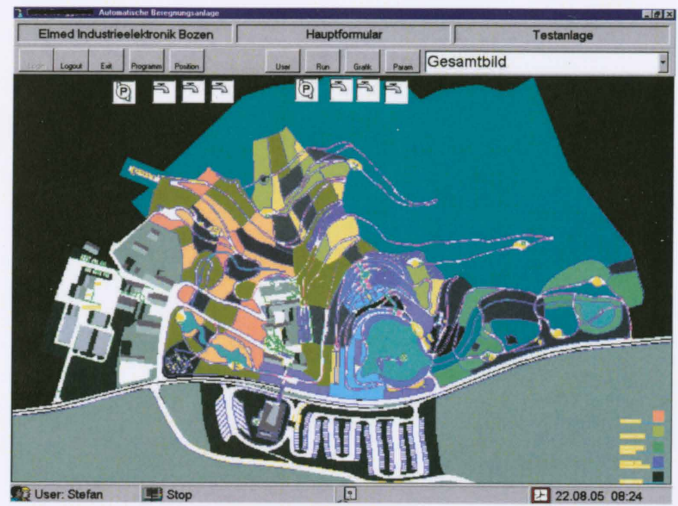
All within sight, all under control

The digital diagram of the irrigation system shows each device and enables the user to review specific sectors. Thanks to this programme up to 250 irrigation valves can be controlled, both manually and automatically. Irrigation control can be divided among several areas. Daily and weekly programmes with their relative starting times can be sectioned.

Symbols on the display show the alarms and the state of each single valve.

It is possible:

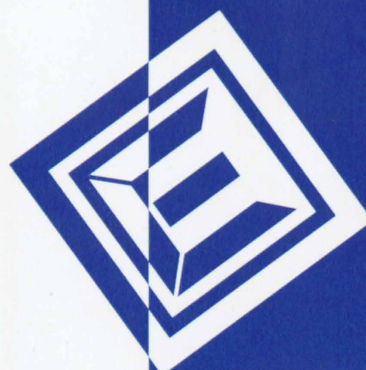
- To create weekly and daily programmes for each area;
- To add or delete valves, pumps, areas and programmes, etc.;
- To change and set the order;
- To set the time and duration of irrigation.
- To select and delete areas;
- To open and close valves;
- To add, select and delete pumps;
- Bar diagrams show the operating times of singles units (valves, pumps, etc.). A valve which is turned on too frequently or too rarely is therefore easily detected.
- To review the water level of the relative container;
- To identify any pressure loss in the filtering station.
- Alarm thresholds can be set and changed individually.
- Each alarm is shown as well as its origin.





Advantages of the irrigation system

- Reliable irrigation programming (even in case of frost).
- Automatic and manual control of vast areas or each single unit (filtering station, pumps and valves).
- Safe code-enabled access.
- Manual intervention option.



**MEASUREMENT,
MONITORING AND
CONTROL SYSTEMS**

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