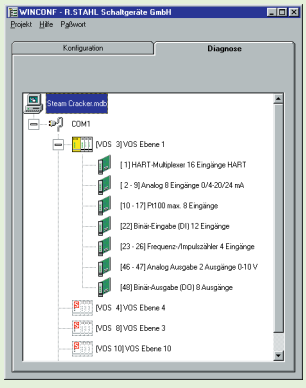
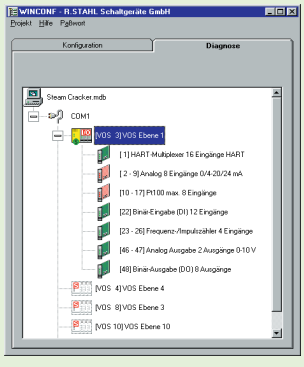
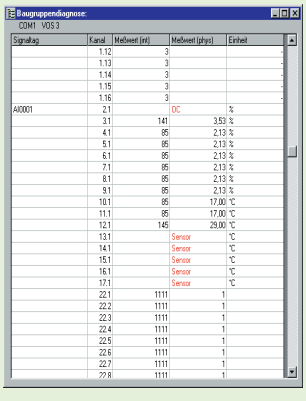
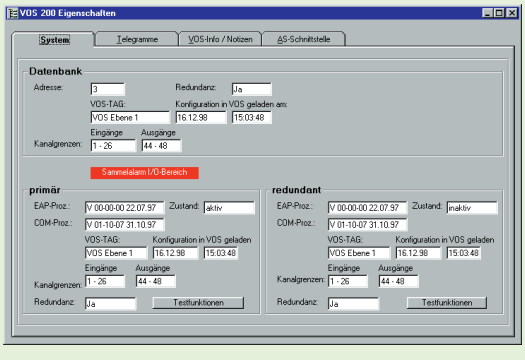
Field Station VOS 200
Diagnostics Software Module









Along with LED visual indication of module and connected field circuit status, a comprehensive diagnostics software module is available. Using this Windows 95/NT based software, faults may be identified, displayed and localised.

The diagnostics software is very helpful when commissioning or maintaining a VOS 200 system. It enables all incoming signal states to be displayed and all outputs to be set - this function is password protected. This allows the VOS 200 and the connected field devices to be fully checked and tested before connection is made to the automation system.

Faults which may arise are immediately and graphically displayed on screen. Examples of detected faults include open/short-circuit of the field wiring between the I/O module and connected field device, out of measuring range, I/O module, power supply, and transmission system failure.

The diagnosis can be unit oriented, which shows all I/O channels of a field station. Another mode allows a signal oriented display to show several inputs or outputs across different field stations.

An optional operation mode of the VOS 200 is „I/O-Simulator“. In this mode the diagnosis program is used to set the input registers which are read from the automation system. The output signal from the automation system written to the VOS 200 are not forwarded to the outputs these are sent to the diagnosis program and displayed there.

The diagnostics software allows the fieldbus system and connected field devices to be tested before connection to the automation system.

Faults are immediately displayed on screen.