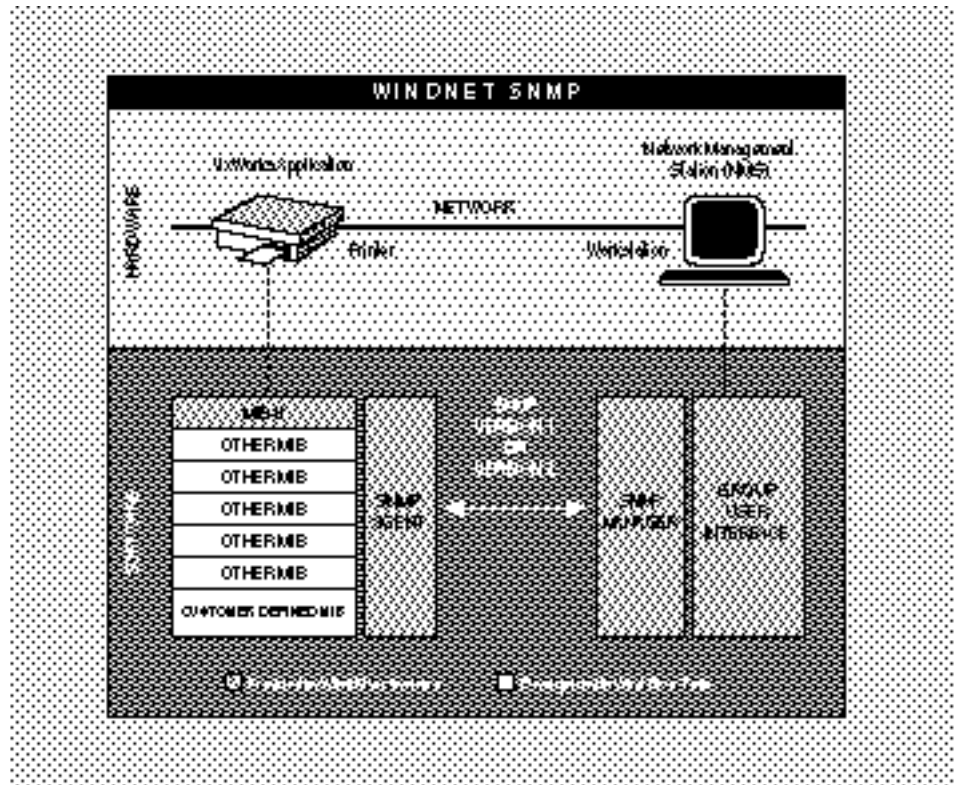# WindNet* SNMP Listing

- SNMP Version 2 and MIB-II Support
- Bilingual SNMP Agent
- MIB-II Variables Can Be Queried and Set
- MIB Extensibility and Reduction Capabilities
- Complete Documentation and Tools For Easy MIB Modifications
- SNMP Proxy Agent Functionality Integrates Existing Management Agents
- Complete MIB-II Coverage and Total Solution Support
- Based on Software Provided From SNMP Research

WindNet* Simple Network Management Protocol (SNMP) delivers a current version of SNMP, with enhancements to allow MIB customization. WindNet SNMP is based on software provided by SNMP Research.

The WindNet SNMP product includes a Version 2 agent that resides on the networked device. The agent provides reports about network conditions to a Network Management Station (NMS). The reports are based upon the defined objects in the Management Information Base (MIB). The agent queries, reports, and sets MIB variables based upon directions from the NMS or upon pre-set alarm conditions. Also included is the Proxy Agent feature, which enables the developer to incorporate existing agents from other network management protocols into an SNMP environment.

The Network Management Station is typically a PC or a workstation that manages all the devices on the network. NMS software is not provided as part of WindNet SNMP; however, WindNet SNMP will work with the most popular NMS solutions such as HP OpenView and SunNet Manager. The WindNet SNMP Agent is bilingual and can communicate with an NMS that is running either SNMP Version 1 or Version 2.

WindNet SNMP comes standard with MIB-II support for managing networked devices. Developers can customize the managed variables by extending the MIB and adding new MIB objects, or take out MIB-II objects if the embedded solution has tight memory requirements. This modification can be accomplished efficiently with supplied MIB tools, such as a MIB compiler, utilities, sample code, and documentation.

WindNet SNMP is part of the WindNet product suite, which provides enhancements and additions to the VxWorks* networking facilities. Besides SNMP, the suite incorporates STREAMS (a standard framework for connecting multiple networking protocols to an operating system), and partner products for OSI, SS7, ATM, Frame Relay, CORBA, ISDN, X.25, CMIP/GDMO, Distributed Network Management and more.

HOST SYSTEMS SUPPORTED:
Popular UNIX Workstations

PROCESSORS SUPPORTED:
i960® Processor Family

AVAILABILITY:
Now

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