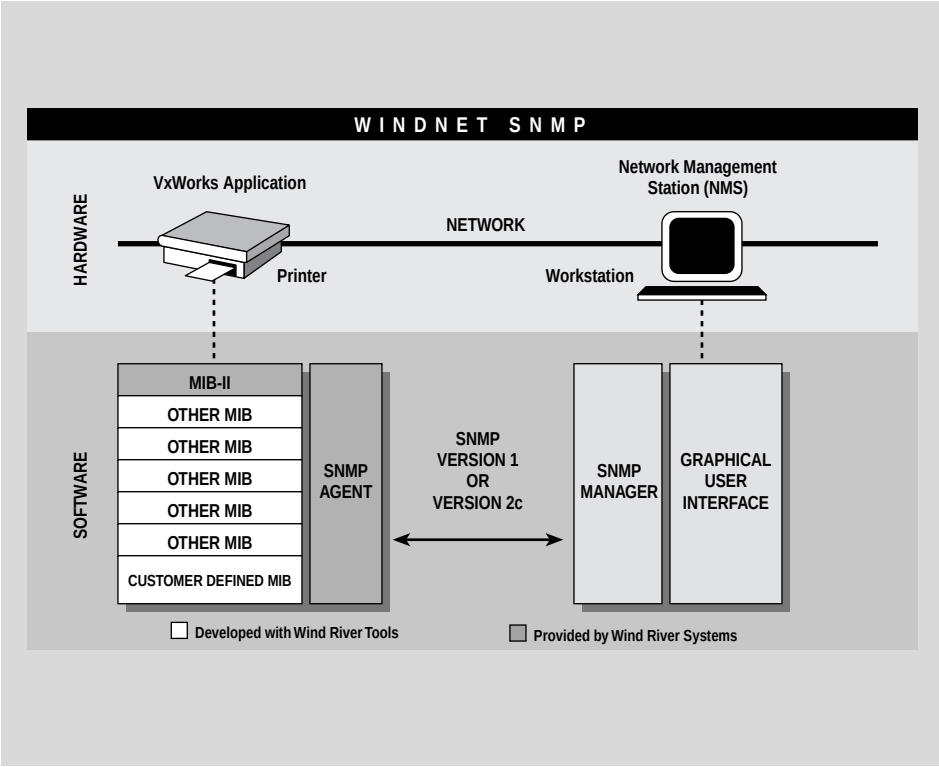
WindNet* SNMP v1/v2c

- Bilingual SNMP Agent Supporting SNMP v1 and v2c Protocols
- v2c Support Includes Get-Bulk Command
- v2c Support Includes Enhanced Set of Error Codes
- Supports MIB-II Groups Including System, Interfaces, at, ip, icmp, tcp, udp and snmp
- Integrated With VxWorks
- Agent is Transport Independent
- Easily Extensible MIB, With Comprehensive MIB Compiler Tools
- Dynamic Addition and Removal of MIB Variables
- Interoperates SunNet Manager, HP OpenView, NetView/6000, Cabletron Spectrum, and Others



Part of the WindNet* product suite, WindNet Simple Network Management Protocol (SNMP) supports the v2c protocol proposed in late 1995 and includes a get-bulk command and error code enhancements to v1 that are universally accepted.

WindNet SNMP v1/v2c agent allows a Network Management Station (NMS) to retrieve reports from the networked device. These 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.

WindNet SNMP v1/v2c will work with the most popular NMS solutions such as HP OpenView and SunNet Manager. Because the WindNet SNMP v1/v2c Agent is bilingual, it can communicate with an NMS that is running either SNMP Version 1 or Version 2c.

The WindNet SNMP v1/v2c agent is a single-threaded agent task that processes one Protocol Data Unit (PDU) at a time, first in - first out. The agent receives a PDU packet from the NMS, parses the protocol packet, processes it and calls the appropriate MIB variable access method routine. It then creates the response packet and sends it back to the NMS using datagram socket functions.

The WindNet SNMP v1/v2c agent is transport-independent so that a developer can use the same agent to process SNMP packets delivered through another protocol stack. The agent's initialization and method routines are provided in source code form.

WindNet SNMP v1/v2c comes standard with MIB-II support for managing networked devices. Developers can customize the managed variables by taking 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.

The agent is also easily extended to support other industry-defined MIBs or the user's custom MIB.

HOST SYSTEMS SUPPORTED:
Popular UNIX Workstations and PC's running Windows 95 or Windows NT

PROCESSORS SUPPORTED:
Intel386™ CX/EX/SX/SXSA/DX, Intel486™ SX/SXSF/GXSF, IntelDX2™, IntelDX4™, and Pentium® Microprocessors

AVAILABILITY:
Now

CONTACT:
Wind River Systems, Inc.
1010 Atlantic Avenue
Alameda, CA 94501
Phone: (800) 545-WIND
(510) 748-4100
FAX: (510) 814-2010

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