



# NuDesign Team Inc.

*Putting the "Simple" back into SNMP.*

## SNMP Developers' Controls and Components

These controls and components are developed for use with Visual Basic and Visual C++. You can create standard windows-based or browser-based (Internet Explorer ActiveX) applications with these easy-to-use controls.

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### SNMP Trap Sender Control™

This ActiveX control manages all the requirements for sending SNMP v1 and v2 traps in your applications. Like all our other controls, it's easy to use from any C++, Visual Basic or browser based application.

### SNMP Trap Receiver Control™

This ActiveX control manages all the requirements for receiving SNMP v1 and v2 traps in your applications. Like all our other controls, it's easy to use from any C++, Visual Basic or browser-based application.

### SNMP MIB Loader Component™

This ActiveX component loads and parses SMI v1/v2 MIBs and generates collections of MIB objects: imports, textual conventions, MIB nodes, and sequences. Each object in a collection has properties as stipulated in the SMI specification. That is, each MIB node has parent, access, syntax, and description content; even comments in the MIB file are preserved and associated with the object that follows it in the MIB. This component is ideal for use in any application that must present, navigate or in any other way work with an SNMP MIB.

### SNMP Management Control™

This ActiveX control manages the requirements for making SNMP v1 and v2 requests to SNMP agents from your application. Like all our other controls, it is easy to use from any C++, Visual Basic or browser-based application. All requests are non-blocking and implement a retransmission policy. The following management side SNMP functionality is provided by this control: "Get" request, "GetNext" request, "Set" request, open/close sessions, create/delete varbinds.

These functions are based upon the WinSnm specification. In addition to providing SNMP GET/GETNEXT/SET functions, this control will implement a retransmission policy, open and close sessions, and create and delete varbinds.

### SNMP Agent Discovery Control™

This ActiveX control sends an SNMP request to a range of IP node addresses at a port that you specify, and builds a list from those nodes that respond. If the SNMP agent implements the MIB-2 system group, this control retrieves all information about the agent.

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### About NuDesign Team Inc.

We specialize in products and services for network management, providing software, engineering toolkits, and high quality engineering services for networking manufacturers and system integrators. We focus on SNMP and RMON technologies, applying them to any communication infrastructure.

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