



### Features:

- **Communication with up to 8 frames**
- **Easy to use tree structure**
- **Monitor and control SNMP functions**
- **5 second polling option**
- **In built Trap receiver**

### General:

The IRT SNMP software is a simple Windows based<sup>1</sup> program for monitoring and controlling IRT cards fitted with SNMP capability via a computer acting as a Network Management System (NMS).

Up to 8 frame IP addresses can be accessed and individually named.

The structure is a tree structure requiring just a mouse click to open folders corresponding to the frame and to individual cards installed within the frame.

By clicking on a module position, information about the module is updated. A module can also be polled automatically every 5 seconds.

A Trap is an alarm function automatically sent, if enabled, to the NMS without being prompted by the NMS to do so. With the Trap receiver function turned on<sup>2</sup>, Traps are automatically received and displayed. Traps can be individually acknowledged, and individually or all deleted.

The IRT SNMP software is available free as a download from IRT's website.

Note: requires to be run in conjunction with SNMP MIBs of modules of interest, also downloadable from web site.

<sup>1</sup> Designed for use on Windows Server 2003 and XP.

<sup>2</sup> Third party SNMP and Trap receiving software must be disabled before using this function.

Typical screen shot with one of the slots (slot 2: MMM-4681 card) expanded, and Trap receiver turned ON:

The screenshot shows the IRT SNMP Browser interface. The main window displays a tree view of SNMP objects. The 'Frame 1' node is expanded to show 'irt4000FRU', which contains 'alarms', 'slotTypeTable', and 'irt4681MMM'. The 'irt4681MMM' node is further expanded to show 'channelInfoTable', 'inputConfig', 'fpgaVersion', 'reset', 'generalAlarmTrapEnab', 'chanRateAlarmTrapEna', and 'chanPresTrapEnable'. The 'channelInfoTable' node is expanded to show a table of channel information for 4 channels. The 'chanRateAlarmTrapEna' and 'chanPresTrapEnable' settings are shown as 'enabled'.

channelNumber	channelPresent	channelEnabled	channelPacketSize	channelDataRate	channelDataRateLimit	channelRateAlarm	channelAlias
1	notPresent	enabled	bytes188	0	45000000	noAlarm	CHAN 1
2	notPresent	enabled	bytes188	0	60000000	noAlarm	CHAN 2
3	notPresent	enabled	bytes188	0	20000000	noAlarm	CHAN 3
4	notPresent	enabled	bytes188	0	20000000	noAlarm	CHAN 4

**Detailed specifications available from:**

**Manufacturer:**  
**IRT Electronics Pty Ltd**  
 26 Hotham Parade  
 ARTARMON  
 N.S.W. 2064 AUSTRALIA  
 Phone: +61 2 9439 3744  
 Fax: +61 2 9439 7439  
 Email: sales@irtelelectronics.com

**Local Agent:**

**IRT can be found on the Internet at:**  
<http://www.irtelelectronics.com>