



# RS-MGR1

American Communication Systems

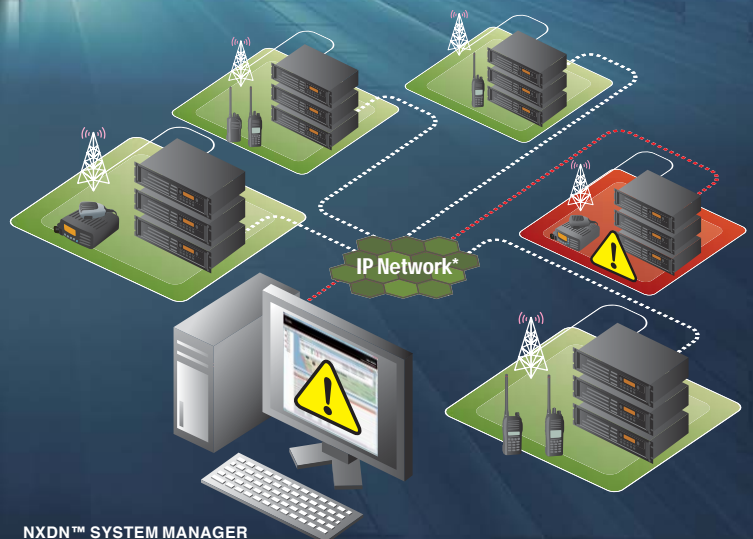
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## Remote System Manager Software for IDAS™ NXDN™ Multi-Site Trunking System

**IDAS™**  
ICOM DIGITAL ADVANCED SYSTEM

The RS-MGR1 system manager software allows you to obtain air time information, network connectivity/statistics and hardware status of the IDAS multi-site trunking repeater sites using syslog messages. The RS-MGR1 stores received syslog messages and reports and analyzes them to assist in system administration and troubleshooting.

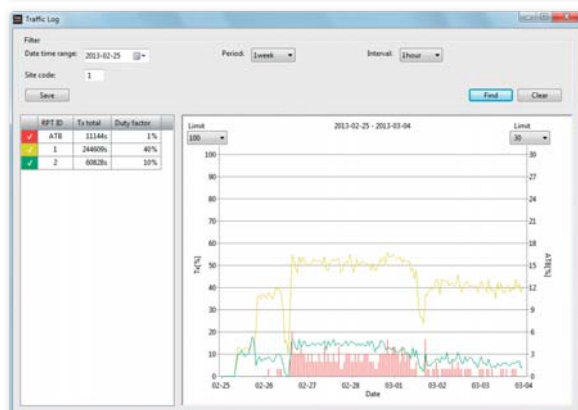
**NXDN™ SYSTEM MANAGER  
RS-MGR1**

\*Note: Private IP Network or VPN  
Tunnels through the Internet.

## MAIN FEATURES

- Repeater properties show condition summary, system information, interface (traffic statistics), repeater condition details (TX/RX PLL unlock, power supply voltage, internal temperature and fan status) and ping status of each repeater
- Registration log, communication log, traffic log and search log can be filtered by date, user ID, call type and site code\* (\* Filter items differ from log types)
- E-mail alert notification can be sent to the administrator, if an alarm or disconnect occurs or clears
- The "Mesh ping status" shows the connectivity by sending ping commands in all combinations of repeater sites
- The "Version list" shows the repeaters firmware revision list
- The "Map window" shows repeater site icons laid out on a image file such as a map or network diagram
- USB flash drive containing the software and for the hardware key protection
- SR-VPN1 VPN router can be monitored on the RS-MGR1 by syslog

### Traffic Log



### Repeater Properties

Condition	System	Interface	Repeater	Ping
Repeater condition NG				
Time	2013-02-01 14:10:13.613	Toshiba, Tx PLL Unlock		
	2013-02-01 14:10:13.613	Toshiba, Rx PLL Unlock		

### Mesh Ping Status

Site	1	2	3	4
1	-	OK	OK	OK
2	OK	-	OK	OK
3	OK	OK	-	OK
4	OK	OK	OK	-

From: 3(192.168.45.79)  
To: 4(192.168.45.79)  
Status: NG  
Time: 0.0ms  
Receive Time: 2013-03-21 16:21:55.804

### Version List

Site	RPT ID	IP	RPT Firm	RPT DSP	RPT ESN	SCU	MCU
1	1	192.168.45.79	2.3(SF763)	2.6(SAE15)	30630101491	3.4(S8372)	0.7(NXDN) 2.6.14.4.1.4(0001)
1	2	192.168.45.79	2.4(SF395)	2.6(SAE15)	30790102777	3.4(S8372)	0.7(NXDN) 2.6.14.4.1.4(0001)
2	1	192.168.45.79	2.3(SF763)	2.6(SAE15)	30630102270	3.4(S8372)	0.7(NXDN) 2.6.14.4.1.4(0001)
2	2	192.168.45.79	2.3(SF763)	2.6(SAE15)	30790104452	3.4(S8372)	0.7(NXDN) 2.6.14.4.1.4(0001)

### System Settings

System	114
UDP port	1458
TCP port	1458
Background	
Image file	\\192.168.45.79\image\map_image_01.jpg
Sound	Pattern2
Outcom	
Length(s)	2
Sound test	Push the right button.
Mail	
Type	
Alarm occurs or cleared	Off
Disconnect occurs or cleared	Off
From address	
To address	
SMTP server	
POP server	
Certification	Nothing
User name	
Password	
Mail test	Push the right button.
Command	
Type	
Alarm occurs or cleared	On
Disconnect occurs or cleared	On
Command file	C:\Users\Administrator\Desktop\Output-Command.txt
Local password	
Admin	
User	
Locale	
Date format	YYYY-MM-DD hh:mm:ss
Log	
Save folder	C:\Users\Administrator\Desktop\log
Auto archive	Off

Update Cancel

## SYSTEM REQUIREMENTS

- Operating system : Windows Vista® SP2 or later (X86/X64 versions) Windows® 7 SP1 or later, Windows® 8 (Except Windows RT), Windows Server® 2003 SP2 or later, Windows Server® 2008 SP2 or later, Windows Server® 2008 R2 SP1 or later, Windows Server® 2012
- Memory : 2GB or higher
- Hard disk space : 500GB of minimum disk space 20MB × Number of repeaters × Days for saving logs + 100GB recommended
- Display resolution : 1280×1024 Pixel or more recommended
- LAN : 100Mbps or faster (Fixed IP address required)
- Other : USB 2.0 port, sound card and speaker UC-FR5000 MCU revision 4.00 or later

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