



RadHawk Client

Features

- Remote monitoring of up to 256 instruments
- User-definable colors, sounds, backgrounds and tab hierarchy
- Timeout alarm
- Multiple password levels
- Data logging
- Spectrum panning
- Windows® 2000 and XP
- Accessible via wired or wireless Ethernet LAN
- Able to accommodate non-RadNet compliant devices via Code Talker hardware

Description

RadHawk Client is an easy to use Windows-based application that allows one or more remote PCs to monitor up to 256 RadNet compliant instruments. Instrument status, data and alarms are displayed via a graphical interface, which may be customized by the user.

A static image (such as a facility map or satellite image) can be imported for use as the display background, and individual instrument display windows are arranged to reflect actual instrument locations.



Instrument display windows are grouped in user-defined tabs; allowing easy navigation through multiple types of monitoring devices. RadHawk can display up to 256 instruments on up to 25 tabs, allowing simple local management of extensive instrument networks. Users can also assign color and sound to the different instruments; each color and sound representing different status and alarm types.

In addition to displaying data from known instruments, RadHawk will inform the operator when a new RadNet-compliant device is added to the network. RadHawk is also equipped with a timeout alarm to notify the operator if a network instrument does not communicate within a user-defined time period. Multiple password-protected security levels allow the administrator to assign read-only, limited or full access to different operators.

RadHawk's spectrum panning feature allows users to zoom in on sections of spectrum data for closer inspection to determine if any isotopic radiation has been overshadowed by background radiation.

RadHawk allows data display and binary data logging of RadNet data packets from a variety of instrument types including continuous air monitors, area monitors and criticality monitors. Devices which are not RadNet-capable can be added to the network via the CANBERRA Code Talker.

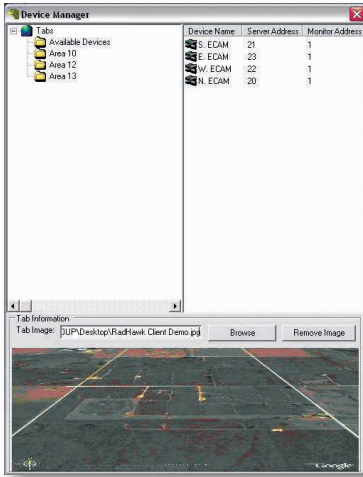
RadHawk can be run on any desktop or handheld PC running Microsoft® Windows 2000 and XP. RadNet data is accessible over local area networks and is compatible with Internet transport protocols. The RadHawk Client software collects and displays this data, allowing near real-time review of data from remote locations.

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RadNet COMPLIANT

With origins at Los Alamos National Laboratory (LANL), RadNet is a non-proprietary protocol that utilizes standard Internet protocols (see www.radnet.org). Its ability to incorporate a wide range of devices has been successfully demonstrated.

RadNet's adoption as the *de facto* industry standard for radiation networks also simplifies the development and implementation of ancillary services (e.g. e-mail generation and pager systems.) Because the RadNet specification already provides for encryption and authentication, its native mode accommodates the data security requirements of the Homeland Security community.



Configuration window within RadHawk.

RadNet PACKET TYPES CURRENTLY SUPPORTED

- Alpha CAM.
- Beta CAM.
- Gamma Area Monitor.
- Gamma Criticality Monitor.
- Neutron Area Monitor.
- Neutron Criticality Monitor.



PC REQUIREMENTS FOR CLIENT – MINIMUM SPECS:

- Windows 2000 and XP.
- Microsoft .NET 1.1 or later.
- Microsoft compatible keyboard and mouse.
- 1024 x 768 screen resolution or greater.
- 3 MB for hard disk (installation only; not including log files).
- Ethernet connection.