



## NETsoft and NETsoft-Pro

### **AoIP Receiver for on-line secured connection via LAN / WAN and TCP/IP**

NETsoft and NETsoft-Pro are PIMA's Alarm over Internet Protocol (AoIP) software for receiving events sent by the intruder alarm panels via TCP/IP network. The events are either sent by PIMA's net4pro / net4pro-i, or PIMA's GSM-200 (GPRS) modules to the CMS (Central Monitoring Station) and are encrypted (using AES 256bit algorithm).

The NETsoft / NETsoft-Pro decodes the alarm events and transfers them to the CMS control software (i.e. using PIMA's Andromeda) in a standard protocol such as SUREGARD, ATIA, FBI, etc...

The NETsoft /NETsoft-Pro can be installed on the CMS's control PC, or as a dedicated PC using PIMAnet – a digital alarm over IP receiver PC.

The connection to the CMS software can be via a physical COM port or a virtual one, using a Virtual COM Port (VCP).

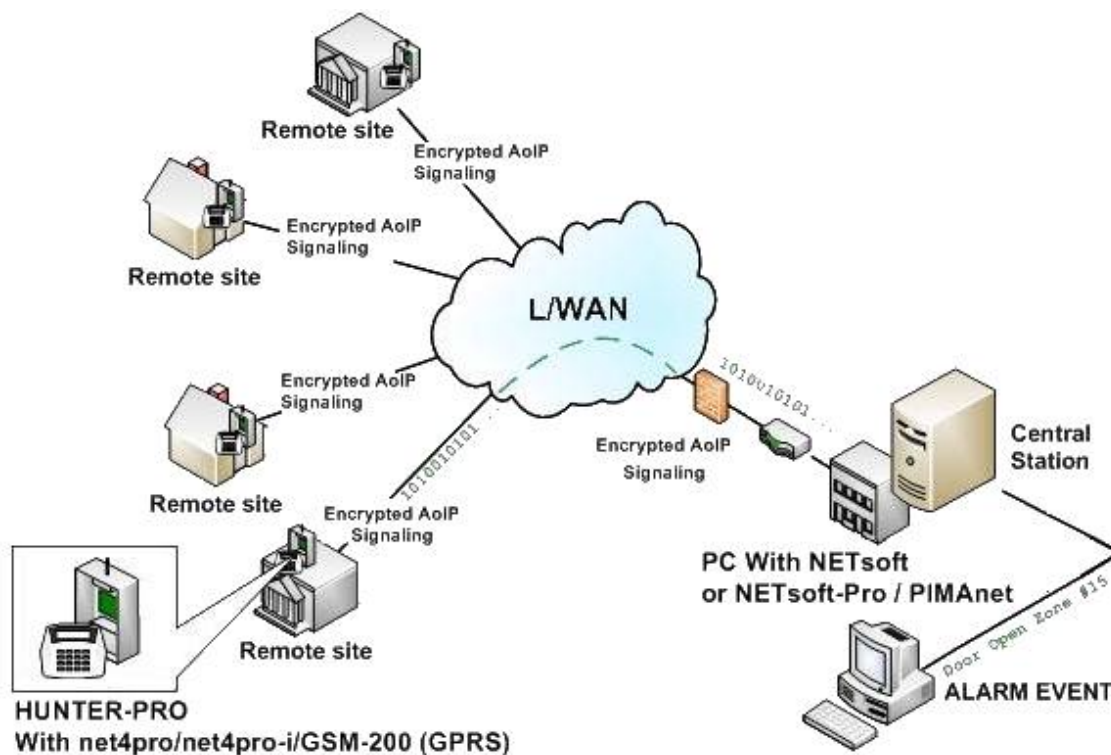
### **NETsoft and NETsoft-Pro Features:**

- Windows based tool for maintenance and reports
- Provides commercial facilities a cost effective monitoring solution
- On-line supervision of the protected area against communication line temparing
- Complete solution for local network monitoring
- Decodes TCP/IP frames from the net4pro unit and/or the GSM-200 (GPRS)
- Supervises all units for life signal (\*)
- Indicates loss of communication within programmable time window (as low as 1 minute intervals) (\*)
- Standard serial or TCP/IP communication to monitoring software (ANDROMEDA)
- Customer data base. Each customer record includes (\*) :
  - ID account for CMS software
  - Timer for life signal
  - Counters for anti-substitution (net4pro/GSM-200)
- User interface for adding/deleting/editing customers (\*)
- Real-time monitoring of the events
- Events Log with a time stamp
- Designed for up to 4000 on-line monitored accounts subject to report configuration
- Highly secured communication with AES 128/192/256 bit encryption
- A unique encryption code per monitoring station

\* Applies to NETsoft-Pro only



## NETsoft / NETsoft-Pro network connection diagram



## Requirements for NETsoft and NETsoft-Pro

Hardware Requirements	Software Requirements
<ul style="list-style-type: none"> <li>Intel Pentium 4, 2.4GHz processor and higher, or equivalent</li> <li>Network card</li> <li>1024 MB RAM</li> <li>200 MB of available hard-disk space</li> <li>Available COM &amp; USB ports</li> <li>CD drive</li> </ul>	<ul style="list-style-type: none"> <li>Operating System: Windows XP SP2 Pro</li> <li>Free IP port</li> <li>Automatic logon in Windows XP</li> <li>Administrator authorizations</li> <li>C++ runtime environment (included in NETsoft / NETsoft-Pro installations)</li> </ul>