# MANAnet FLOOD Watcher

## A Guard On Duty ◆ 24 Hours a day ◆ 7 Days a week ◆

### DDoS attackers will try to take down any network: large, small, well-known or obscure.

- ❏ Thousands of ATMs were disabled during a weekend DoS attack. (January 2003)
- ❏ Internet targeted and 9 of 13 root name servers fell victim to a series of multiple attacks within minutes. (October 2002)
- ❏ A DDoS attack on the Recording Industry of Association of America's website disabled the site for two days. (July 2002)
- ❏ Several ISPs (such as CloudNine) and service providers offering IRC services have shut down completely due to persistent DDoS attacks.
- ❏ U.S. and China servers were compromised and used to launch attacks against Japan's government web sites.
- ❏ More than 4,000 attacks estimated to occur each week.

### Firewalls, Intrusion Detection Systems (IDS) and Anti-Virus Software are not enough!

- ❏ These traditional safeguards prevent specific threats, but they have no effect on Distributed Denial of Service (DDoS) attacks.
- ❏ DDoS attacks work by flooding your network with useless traffic, keeping customers from communicating with you. Traditional security devices cannot distinguish good from bad traffic, and attacks succeed in denying service to customers.

### Concerned about your vulnerability to DDoS attacks?

MANAnet FloodWatcher monitors network traffic for anomalies related to incoming and outgoing Distributed Denial of Service attacks. FloodWatcher automatically notifies administrators when attacks occur.

### Ensure your peace of mind with MANAnet™ FloodWatcher:

- ❏ A hardware appliance that monitors network traffic specifically for DDoS attacks.
- ❏ A passive, offline device that will not, in any way, affect normal network operations.
- ❏ A means to instantaneously detect attacks and provide network administrators with attack information.

### What sets FloodWatcher apart from other DDoS Solutions?

FloodWatcher:
- ❏ Keeps up with Gigabit traffic rates.
- ❏ Automatically notifies administrators of an attack and its path of origin within a network.
- ❏ Works for ALL attack types (including new, more sophisticated attack methods) because it does not rely upon signature analysis.
- ❏ Provides fastest customer ROI for any DDoS product in the market – you don't need to spend six-figures on a DDoS solution that is almost as expensive as the problem.
- ❏ Plugs right into your network as a rack-mountable security solution.

**Don't allow a DDoS attack to cripple your network. Let the professionals at Cs3 help you protect your enterprise and keep your network running.**

**Call the DDoS experts at Cs3 for a free DDoS network security evaluation.**

Telephone:
310.337–3013

OR

e-mail:
sales@cs3-inc.com.

**Want to find out more about DDoS attacks?**

Visit our website for several concise, informative White Papers on handling DDoS threats. http://www.cs3–inc.com/publications.html

**DDoS ATTACKS ARE COSTLY…**

**BUT OUR SOLUTIONS ARE AFFORDABLE.**

*Pioneering Internet Technologies*

# MANAnet FloodWatcher

## Affordable, off-line, passive, 1-U rack-mounted DDoS Monitoring

❑ Analyzes network traffic for DDoS anomalies

❑ Notifies administrators about DDoS floods

❑ Provides diagnostic information about floods

### Chassis Dimensions:

Height : 1.75 inches

Width:  17.5 inches

Depth:  23.0 inches

Weight:  25 lbs

### Material:

18 gauge steel, PIM Interlocking Components

### Hardware:

10 GB Hard Drive

Sony 1.44 , 3.5" Floppy Drive

SlimLine 24X CDROM Drive

SDRAM-128MB/PC133/MAJOR

Video port

### Software:

Linux Kernel 2.4.11

Standard services available but default disabled

Standard Linux tools available: shells, Perl, m4, DHCP, ssh, xinetd, editing tools, etc.

FloodWatcher has 2 software components:
*FW Monitor*, gathers network traffic data;
*FW Display*, provides graphing and GUI ability;

### Operating Environment:

Air Temperature: 50-75 degrees Fahrenheit

### Regulatory Compliance:

EMI: Emissions FCC Class A EN55022A

EMC: Immunity EN50082-1

Safety Approvals UL, ULC, GE

### Fans and Cooling:

Intake: (4) 40 mm high velocity, 10 cfm fans

CPU: dual 20 mm high velocity, 5 cfm fans

Exhaust: Passive directed exhaust baffles

375 BTU/hour (Watts: X 3.412)

### Motherboard:

Intel Pentium III 933EB

### Network:

GIGE Copper or Fiber (upon request)

Fast Ethernet NICs

D-LINK 4-PORT QUAD PCI 100MB/NIC

Intel dual Port PCI 100MB/NIC

Unit contains up to 6 Fast Ethernet NICs

### Power Supply:

Range:
   90-135 VAC
   180-265 VAC
   Auto-select

Frequency:    47-63 Hz

Current: 12A at 115VAC; 6A at 230VAC

Efficiency: 65%

EMI: FCC-B

### Ordering Options:

Backup power supply

Additional LED displays

FloodWatcher is also available as software for Pentium-based hosts running Linux Kernel 2.4.11 or above.

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