

D. C. Communications

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Current Research

- **Geo Location**

General purpose applications for non-invasive means for determining the geographic location of Internet users range from marketing demographics to credit card fraud protection. DC Communications maintains and continues to improve on an automated database of network geography for such applications. The Java applet on our home page is an example of determining the location of the web page viewer.

- **Geographic Intrusion Detector**

Current trends in networking have evolved from simple protection mechanisms (firewalls) to determining the specific nature and source of attacks (intrusion detection). By determining the geographical location of the source of such attacks, controls and possible prosecution can be more easily assessed. Here are examples of where DC Communications has added Geographical information to Network Intrusion Detection systems.

- **example 1** Attacks on a typical server on the Internet - SNORT
- **example 2** Attacks on a typical server on the Internet - TCPDUMP