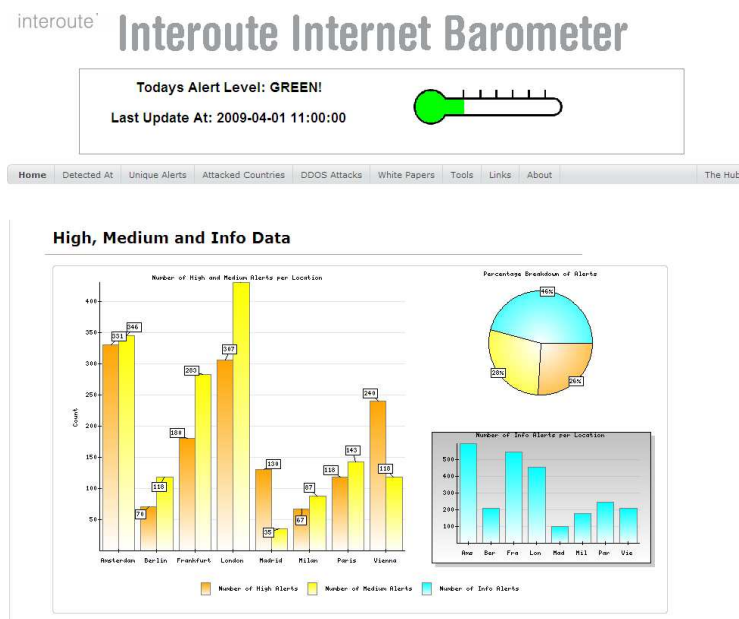


Interoute and the PSS&C Team

Interoute is a privately held company – it owns and operates the largest network in Europe today, offering unparalleled speed, reach and capacity. Our products and services include bandwidth, virtual private networks, high speed internet access and transit, managed hosting, communications services and media streaming. Our fibre optic network, consists of twelve rings connecting 93 cities in 22 countries across 56,000+ route kilometres of lit fibre and has the capacity to carry a petabit (a billion megabits per second) of traffic.

The Public Sector Service and Compliance Team was set up to deal with the special needs of Public Sector, Law enforcement and Military customers. All team members are security cleared to DV, and Security, Network or Software professionals. As a result of our work in high-speed networks and security, we have developed a series of unique software products and services that can be tailored to most needs.

Interoute Internet Security Barometer



The Interoute Internet Security Barometer is an advanced security analysis system that is free to use and provides online stats and information regarding attack traffic on the Internet. It uses some revolutionary techniques including hardware accelerated sensors, virtual DarkNets, Backscatter analysis plus a variety of tried & tested Open Source and commercial products.

Take a look at <http://barometer.interoute.com/>

PSS&C Software Portfolio

Obeseus – As used on the Barometer

Obeseus release 1 is a light weight software based DDOS detector able to detect a wide range of attacks. It is implemented entirely on x86 Linux. This will be publicly available under the BSD or similar license.

Obeseus Roadmap

Obeseus-Pro

Obeseus-Pro has key functions ported to code resident in a FPGA powered NIC in our custom probes. This makes it very fast.

Also has integrated existing protocol analysis engines from other products as plug-ins so we can validate traffic, without re-inventing the wheel.

STATUS End 2nd Quarter 2009

Obeseus is a scrubber – Obeseus DDoS mitigater

Detectors and IDS are very necessary but they can't actually save you from any attack – They need a DDOS mitigater. So another feature for the roadmap is to expand the capability from being a detector to being a scrubber/cleanser.

STATUS End 3rd Quarter 2009

Obeseus peakflow Interface

Interoute have been a long established user of the excellent Arbor Peakflow. This is an advanced DDOS Detector product but it has no mitigation capability, relying on other devices to actually stop the traffic. Cisco's standalone mitigation platform is only 1 Gbs capable and has been depreciated.

STATUS End 2nd Quarter 2009

Loud-listener – VoiP recorder

Loud-listener release 1 is a VoiP recorder developed specifically to record SIP/RTP traffic in an ETSI/Calea compliant manner. Loud-listener release 1 is the proof of concept/Program Spec/Beta code for Loud-listener-Pro. It is implemented entirely on x86 Linux. This will be publicly available under a BSD or similar license.

STATUS

End 3nd Quarter 2009

Loud-listener Roadmap

Loud-listener PRO

Loud-listener PRO code is optimised to use the FPGA powered NIC on our custom probes. This will make it very fast, capable of recording well over 100 concurrent connections on a 10Gbs exchange.

STATUS

End 3nd Quarter 2009

Loud-listener IDS

Many SIP attacks exist. This is an add-on module to look for many security attacks

STATUS

End 1st Quarter 2010

Loud-listener CDR

A utility that produces Call Data Records for voip calls.

STATUS

End 2nd Quarter 2009

PSS&C Services / Hardware Portfolio

HBC Probe

As used on the Barometer

The HBC Probe is a full functioning solution that can provide an affordable Data Retention and ETSI/Calea Probe.

HBC Intercept service

The HBC intercept service manages the whole intercept process for you.

Most projects in this area are unique. If you have a need that you think we may be able to help with, please give any of the PSS&C team a call or drop us an email. The details are on the Interoute web site.