
Large-scale Monitoring of Broadband Internet Infrastructures

Information Society Technologies

**LOBSTER Establishes Pilot Network of Internet Monitoring Sensors**

The LOBSTER project is pleased to announce the establishment of a pilot network of passive Internet monitoring sensors at NRENs and ISPs around the world. To date, more than 20 sensors have been installed in Bulgaria, the Czech Republic, France, Greece, Italy, the Netherlands and Norway (including Svalbard), and are viewable online at http://lobster.ics.forth.gr/~appmon/. The geographical locations of the sensors are plotted on a worldwide map (utilising Google Maps), and examining the traffic data for each sensor is as simple as clicking on its icon.

The LOBSTER sensors utilise commodity PC hardware with a variety of network adapters (which include the specialised DAG card as well as regular NICs), and run the MAPI (or Monitoring Application Programming Interface) software that is being developed by the LOBSTER project. This allows traffic data to be remotely collected for processing by a variety of LOBSTER and third-party applications. For privacy reasons, the traffic data made publicly available has been anonymised using the AnonTool software that has also been developed by the LOBSTER project.

LOBSTER is an IST project that aims to develop a pilot European Infrastructure for accurate Internet traffic monitoring. Based on passive monitoring at speeds of up to 10 Gbps, it aims to improve understanding of the Internet and help solve difficult performance and security problems. More information is available at: http://www.ist-lobster.org/