

# INFORMATION SOCIETY TECHNOLOGIES (IST) PROGRAMME



*Large Scale Monitoring of BroadBand Internet Infrastructure  
Contract No. 004336*

## **Deliverable 4.1c: Final Report on Website Access Use**

**Abstract:** This document provides a report on the usage of the LOBSTER website during the project lifetime.

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<b>Deliverable Security Class</b>	PU
<b>Editor</b>	Kevin Meynell

The LOBSTER Consortium consists of:

FORTH-ICS  
VU  
CESNET  
UNINETT  
Symantec  
Alcatel  
FORTHnet  
TNO  
TERENA

Coordinator  
Partner  
Partner  
Partner  
Partner  
Partner  
Partner  
Partner  
Partner

Greece  
Netherlands  
Czech Republic  
Norway  
United Kingdom  
France  
Greece  
Netherlands  
Netherlands



## Introduction

The objective of Work Package 4 is to disseminate and exploit the results of the LOBSTER project. For IST projects, and arguably for any activity these days, a website is the most effective method of disseminating information. As it is accessible to anyone with Internet access, this effectively means that information is available on a worldwide basis. For this reason, the development and maintenance of a high-quality website was one of the major activities in the LOBSTER project.

The LOBSTER website can be accessed at <http://www.ist-lobster.org/>, and includes an overview of the project, lists the project partners, provides the latest news about the project, and includes links to related activities. More importantly, it makes available all public deliverables, papers and articles from the project. The software developed by the project is also outlined, and links provided to the repositories from where this may be obtained.

The website is primarily targeted at the National Research and Education Networks (NRENs) and Internet Service Providers (ISPs), as well as network administrators, security researchers, and those interested in network monitoring. The specific objective is to promote the LOBSTER sensor network, and to encourage the adoption of the LOBSTER software.

This report provides a summary of usage of the public website during the 33-month lifetime of the project (1 October 2004 – 30 June 2007), based on three main categories:

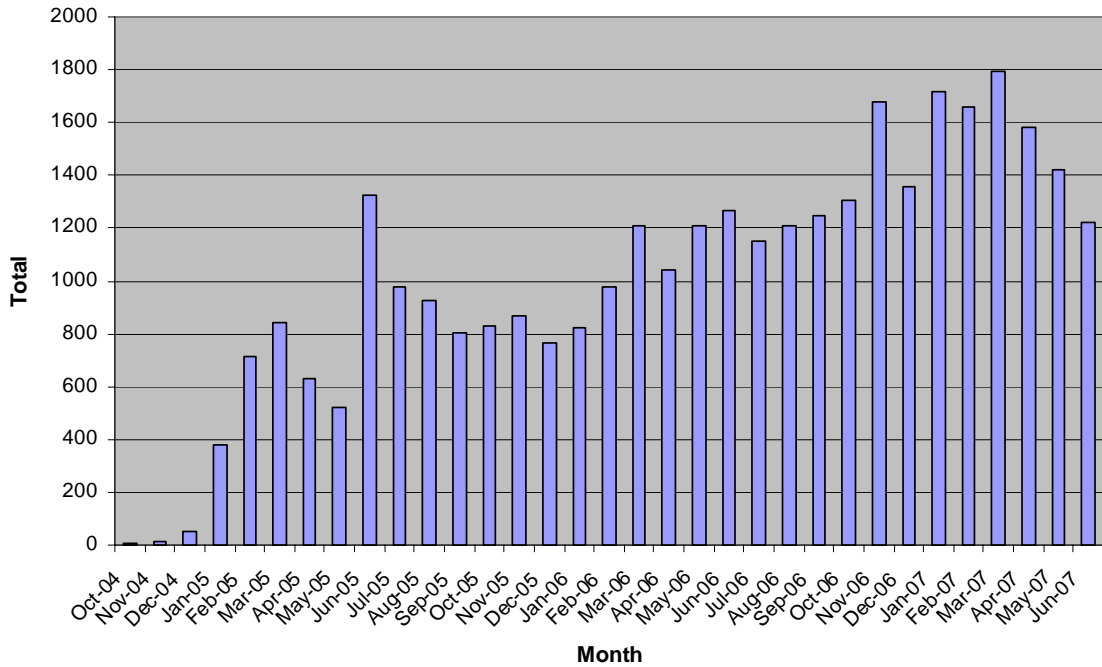
- Visits are defined as the number of times users viewed the website. However, the viewing of several pages by a user (using the same host) within a specific time limit (20 minutes) only counts as one visit.
- Unique visitors are defined as those who have visited the website at least once during a specific period (using the same host).
- Repeat visitors are those users who returned to the website (using the same host) having previously viewed it during the same specific period.

## Total Visits and Visitors

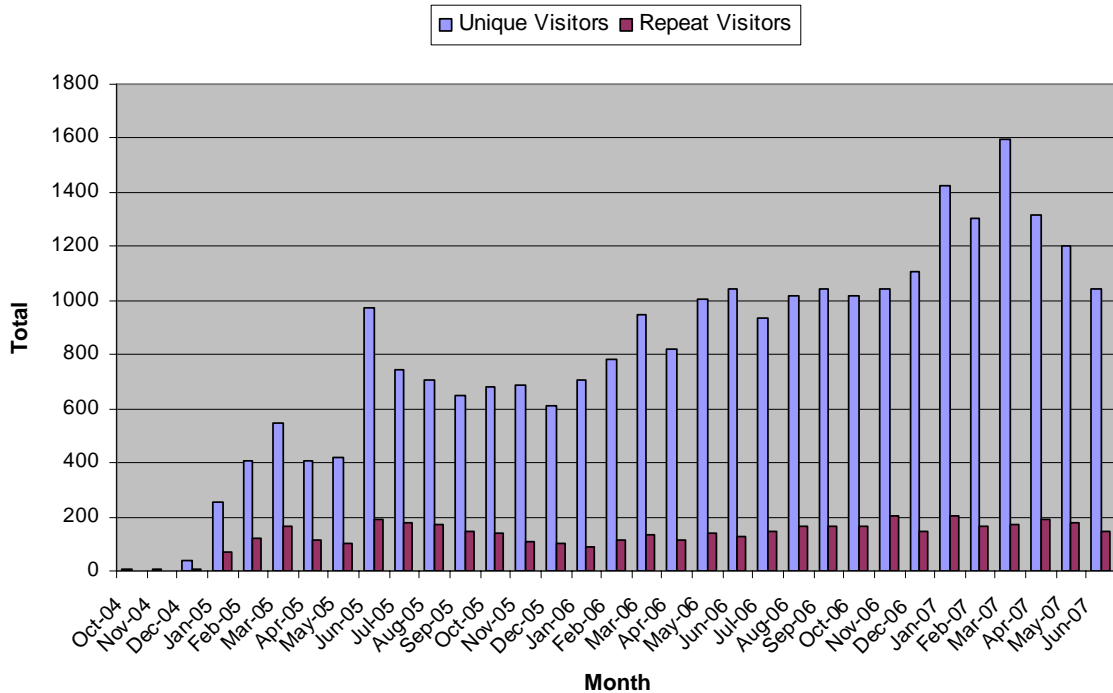
Total visits	34,774
Unique visitors	25,103
Repeat visitors	4,518
Total pages viewed	76,416
Average visits per visitor	1.39
Average visits per repeat visitor	3.14
Average pages viewed per visitor	2.20



**Total Visits by Month**

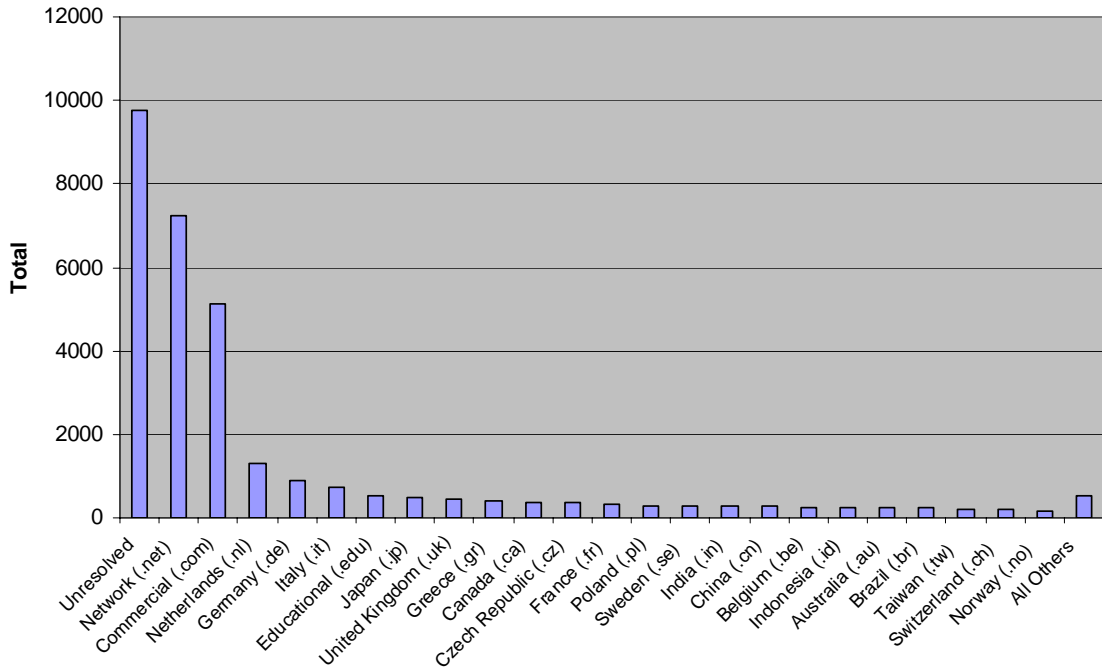


**Unique and Repeat Visitors by Month**

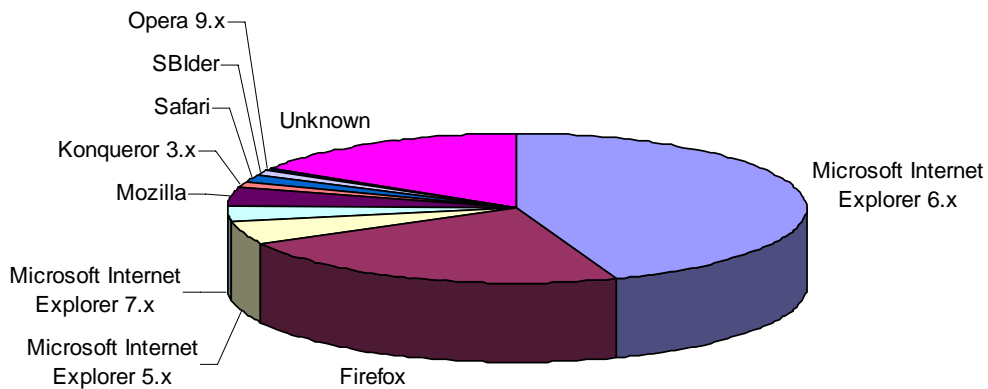




### Visits by Domain



### Most Popular Browsers





**Most Requested Pages**

<b>Page</b>	<b>Views</b>
LOBSTER Home Page	22,798
LOBSTER Downloads	2,727
About LOBSTER	2,508
LOBSTER Live CD	2,285
Partners	1,881
Related Sites	1,141
Frequently Asked Questions	1,024
1st LOBSTER Tutorial	1,008
2nd LOBSTER Tutorial	469
D4.5a: First Period's Training Material	451
D0.1: Requirement collection and analysis	412
Appmon: An Application for Accurate per Application Network Traffic Characterization paper	370
D1.1a: Anonymization Framework Definition	369
1st LOBSTER Workshop	352
D1.3: First-tier Encryption Definition	345
FPL-3: towards language support for distributed packet processing paper	295
Worm detection: Network-Internal Mechanisms and Infrastructure presentation	269
D4.1b: Project Presentation,	239
Update on LOBSTER and NERD presentation	234
SafeCard: a Gigabit IPS on the network card paper	231
D1.4: Integrated Architecture Definition	228
D2.1: Preliminary Implementation Report	228
Network Monitoring for Performance and Security presentation	222
D1.2: Common Access Platform Definition	220
D3.2: Deployment - First Phase	214
2nd LOBSTER Workshop	211
D3.1: LOBSTER Applications	191
Security risks: virus and worms presentation	183
D4.4: Web-based Interactive Monitoring Application	171
D4.1a: Report on Project Website	168
Flow monitoring with IPFIX in MAPI paper	166
D3.3: Deployment - Second Phase	163
The LOBSTER project presentation	162
Network Monitoring for Performance and Security: The LOBSTER project presentation	155
DiMAPI: An Application Programming Interface for Distributed Network Monitoring paper	153
Monitoring of High-Speed Computer Networks paper	139
D4.2a: 1 <sup>st</sup> LOBSTER Workshop Proceedings and Summary	138



D4.5b: Second Period Training Material	128
D0.2: Acceptable Use Policy for the Fair Sharing and Use of the Infrastructure	117
Adding QoS Attributes to the IPFIX Protocol presentation	107
LOBSTER: Large-Scale Monitoring of Broadband Internet Infrastructure	106
D1.1a: Anonymization Framework Definition	102
Passive End-to-End Packet Loss Estimation for Grid Traffic Monitoring presentation	102
D2.1: Preliminary Implementation Report	96
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