

Arclabs Testbed

Summary

What can I test?

Arc Labs enables industry and research organisations, which would otherwise be unable to acquire sufficient hardware and software resources, to realise their business and strategic goals.

The centre allows remote access via IPv4 and IPv6 natively. There has also been the recent addition of Real-Time Spectrum Analyser facilities from Tektronix which enable testing of RF based communications, live monitoring of RF spectrum and rapid troubleshooting.

There is also a full carrier-grade IMS Testbed, in addition to the OpenIMS testbed, allowing testing of novel media services on a network architecture of the future. Coupled with multiple access technologies, this allows collaboration with a customer's local user groups.

How can I test?

The centre can host testing events locally or remotely for specified time periods but in either case, a specification of the proposed test is needed.

When is the testing facility available?

While these facilities are operational at present, they will be accessible to outside parties from January 2010.

What will my test cost?

Firstly it will depend on whether the testbed facility is a member of the consortium or sub-contracted to the projects co-ordinator.

a. Cost as a sub-contractor to the project

€10,000 euro per month
€500 euro per day (9 hours from 08:00 to 17:00 BST)
€56 euro per hour

This will cover the cost of personnel on-site support, equipment costs and overheads and is exclusive of vat.

This rate covers access and technical support for the NGN Testbed. There is a minimum setup time required for NGN Testbed access. Professional services rates are available from the Test Center Manager.

b. As a partner on the project

For the total PM assigned to the testing phase of a project 1/4 (one quarter) should be allocated to the provision of the testbed facilities, which would cover the personnel on-site support and equipment costs. If WIT were to be added as a partner to the project our costs would be €7500 (direct) per PM allocated with an overhead of 60% (indirect cost).

What are my guarantees for the above?

A service level agreement can be provided and tests can be carried out beyond the lifetime of the EC project originally funded to start the testing.

For more details, please see :
[http://www.panlab.net/testbed-repository/details.html?tx_wfqbe_pi1\[id\]=40](http://www.panlab.net/testbed-repository/details.html?tx_wfqbe_pi1[id]=40)



NGN Testbed

The Telecommunications Software & Systems Group (TSSG) within Waterford Institute of Technology has setup a new international test centre for Next Generation Networks (NGN) services and infrastructure. The TSSG's NGN Test Centre uses carrier-grade telecommunications equipment provided by Ericsson Ireland Ltd.

Testbed Highlights

Funded by

Enterprise Ireland (<http://www.enterprise-ireland.com>)

Equipment Provider

Ericsson Ireland Ltd.

Test Center Manager

Shane Dempsey (sdempsey@tssg.org)
Telecommunications Software & Systems Group (TSSG)
Waterford Institute of Technology (WIT)

Test Center Services

- Participation in Research Project Consortia
- Validation of service functionality
- Benchmarking and load testing
- Prototyping of NGN Services & Infrastructure
- Hosting of Interoperability Tests
- Conformance & Interoperability
- Contract Research & Consulting
- NGN Development Training



Waterford Institute of Technology