

Octopus Network

When Commercial Networks Are Not Enough

Customer Presentation

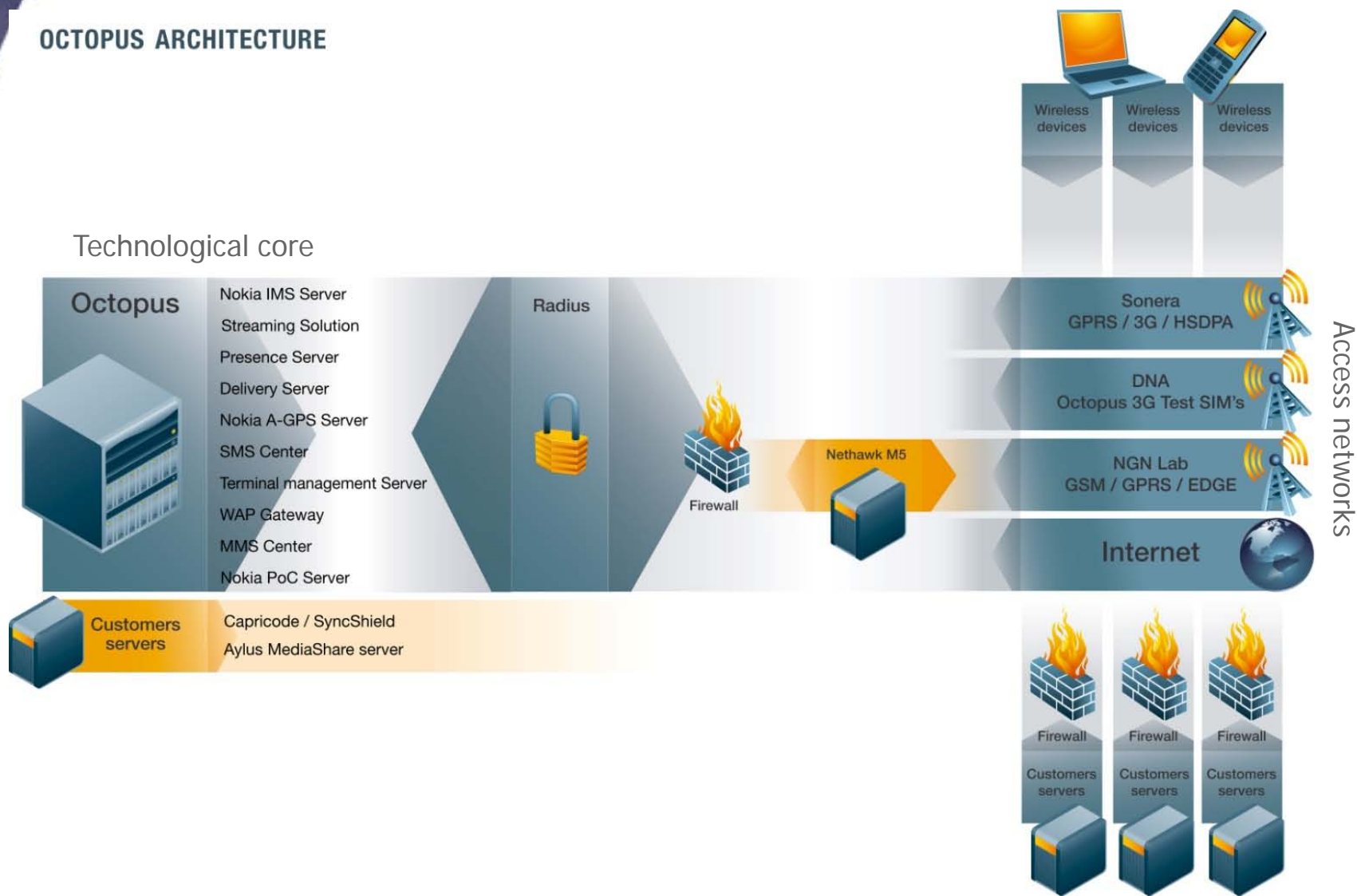
2H/2009

Octopus Network - who we are

- ◇ Octopus Network has been established in year 2002
- ◇ Octopus is an authentic and independent operator grade testing network.
- ◇ We offer to our customers a closed environment to develop and test mobile applications and technologies.
- ◇ In addition to the technical test bed we also provide different kinds of services like testing support, training and real test user groups.
- ◇ Octopus Network ecosystem contains several companies and research- and educational institutes.
- ◇ Octopus is taking part in several **European Union and Tekes** (Finnish Funding Agency for Technology and Innovation) supported projects.

OCTOPUS ARCHITECTURE

Technological core



Octopus TestLab Access (2G/3G)

Octopus TestLab Access is a rentable concept which includes all the equipment needed to enable the radio access to the Octopus network.

- ◆ Cost and time effective way to do testing in 2G/3G environment
- ◆ Closed and authentic 2G/3G operator grade test network.
- ◆ Possibility to change network parameters
- ◆ Chance to capture the traffic traces between different network elements

IMS testing in Octopus Octopus Remote TestLab (IMS)

IP Multimedia Subsystem testing possibilities in Octopus comprises:

- ◇ Application/client testing
 - ◆ Session initiation and verification
 - ◆ Interoperability and usability testing
 - ◆ Application verification
 - ◆ Traffic traces and logs, bug fixing

- ◇ Customer application server and IMS IOT e.g. presence
- ◇ Rich Communication Suite key feature testing



Rich Communication
Suite

*Octopus is a member of
Rich Communication Suite
(RCS) programme*

Octopus Testing Hotel

- ◇ Octopus Testing Hotel is a service portal which you can use to test and develop your mobile applications and services.
- ◇ To verify the functionalities and the quality of your application in an authentic operator environment.
- ◇ To get feedback and a comprehensive error report on your application.
- ◇ Octopus Testing Hotel is an Internet-based solution, and the only requirement for using the service is a standard web browser.
- ◇ **LAUNCH 1H/2010**

Octopus Testing Certificate "Octo Approved"

- ◇ Octopus Network infrastructure fits to different levels of product certification concerning mobile applications and services.
- ◇ The importance of product certification is increasing due to open competition in the markets.
- ◇ Customer can request Octo Approved Certification via Octopus Testing Hotel service portal by carrying out some installation, configuration and self-testing to prepare the application for certification.

Available 1H/2010

Octopus – Your multifaceted Living Lab partner

- ◇ Octopus is heading to be a “one desk shop” for different parties who need varied kind of testing services.
- ◇ To support companies and R&D players, City of Oulu and Octopus are founding **a test users’ web community** which citizens can take part in the testing, development, and conception of services and products.
- ◇ Nokia has tested several of their phone models using the Octopus testing environment.
- ◇ Nokia utilized Octopus’ possibility to test new technologies **in real environment with real user groups** by performing two of the tests with the help of more than 30 student from Oulu Polytechnic.

NOKIA
CONNECTING PEOPLE


OULU POLYTECHNIC



Octopus – Member of EU & Tekes projects

- ◇ PanLab – PII: The central objective of PII is to create a test bed federation among regional innovation clusters in Europe. This will enable companies participating in these clusters to test new communication services and applications across Europe.
 - ◆ *Consortium includes 20 telecom companies, European universities and other research parties.*
- ◇ NetLab: The aims of NetLab are to develop a platform of interconnected test beds.
 - ◆ *Project consortium: Dimes ry, Telefonica, Slovak University of Technology in Bratislava (STUBA), Ericsson Network Services, Slovak Telekom, Universidad Carlos III, ES, University of Turku, Octopus Network, Software Quality Systems (SQS)*
- ◇ The mission of the FinLab project is to: Make Finland well-known and recognized testing and validation site world-wide. The project shall encourage joint ventures and marketing efforts, leading to strong partnerships between participants.

Octopus ecosystem

Octopus ecosystem contains several companies and research- and educational institutes.

Core partners in Octopus network are:



THANK YOU!

Contact

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