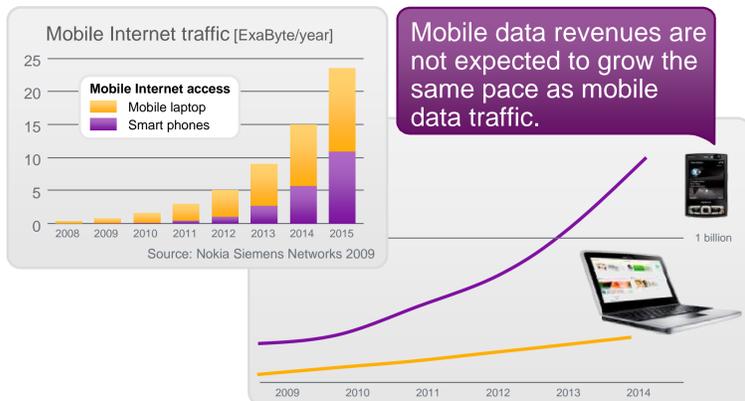


Policy-Based Resource Management

Tivit Future Internet Program, Work Package 2

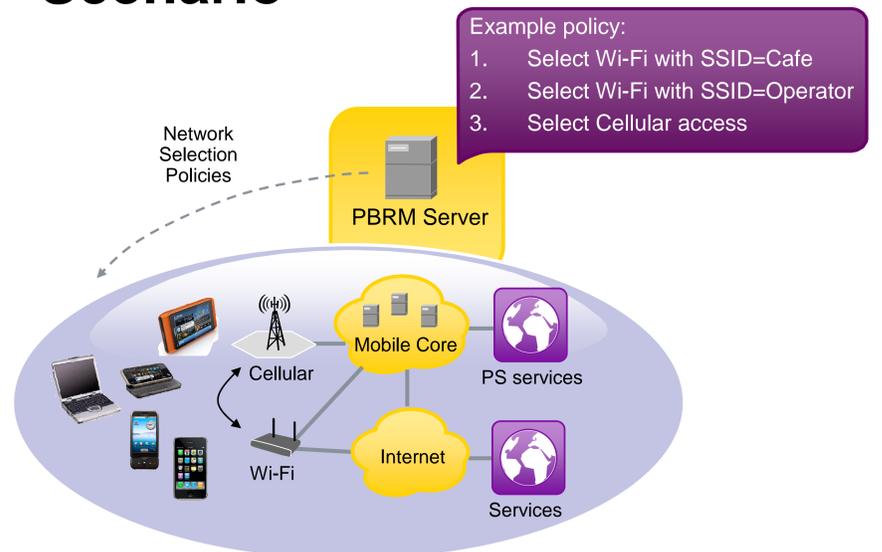
Mobile Broadband Growth



Operators are forced to look for all the possibilities to extend network capacity.



Policy-Based Resource Management (PBRM) Use Scenario



1. Operator defines network selection policies into PBRM server
2. Network selection policies provisioned to the terminals
3. The terminals select the preferred network according to the policies

⇒ Enables the operator to influence what access networks are used, including Wi-Fi networks.

Policy-Based Resource Management enables the usage of different access networks

- Can be used for Wi-Fi offload:
 - Instead of cellular access, some traffic directed to Wi-Fi
 - Traffic offloaded via Wi-Fi can be routed through operator core or directly to the Internet
- For the operators, increased cellular network capacity
- For the user, easy usage of available networks
- Similar concepts being standardized in 3GPP (Access Network Discovery and Selection Function) and in Wi-Fi Alliance (HotSpot 2.0)

Contact:
Janne.Tervonen@nsn.com

Nokia Siemens
 Networks

