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IRoNet prototype

- Is based on following ideas and assumptions:
 - There is a need for a 'QoS' capable network architecture
 - This architecture need $\ensuremath{\textbf{NOT}}$ to provide hard quality for the users
 - i.e. no signaling is required nor are connections reserved
 Users do not care actual details of the service which they use rather they are
 - interested in using similar network than today



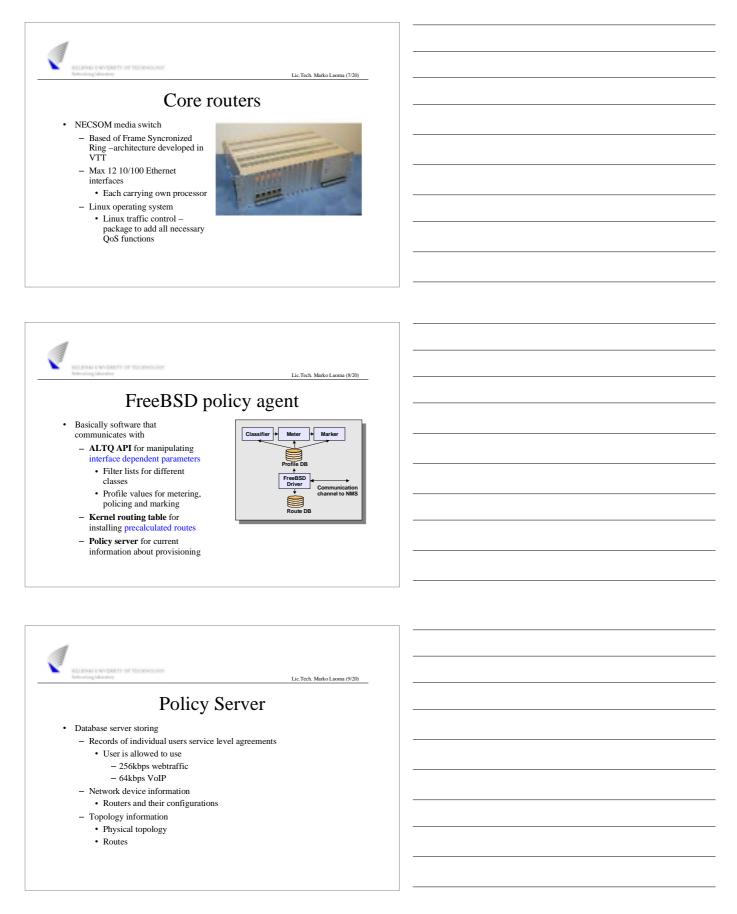
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- Classification
- Marking
- Queueing
- Scheduling
- Software modules reside between network device driver and IP forwarding daemon
- and IP to



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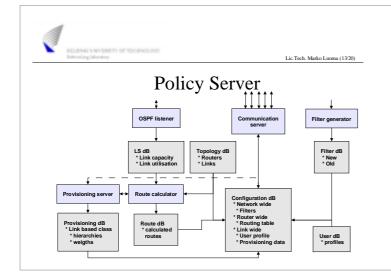




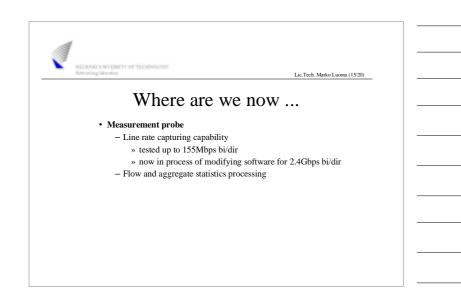
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W	here are we now
So far we have devic measurement probes	ed first version of the edge router, policy server and
 Capabilities which 	they currently have
Edge router	
– Full user	plane operation
– Commu	nication channel to the dB
Policy server	r
– User dB	
» SLA	A Contraction of the second seco
» Aut	hentication
- Network	policy dB
» Filte	erlists making the differentiation

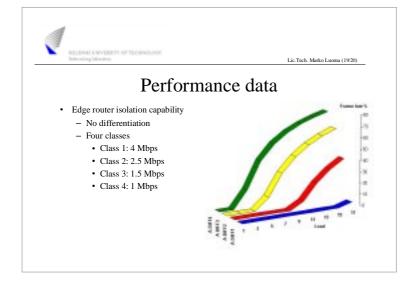






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	Conclusions
•	Prototype is building up piece by piece – however, it takes a while before we have all pieces together
•	Next year we will have routing and provisioning server, and core router ready
•	New ideas have came up and will be added to the prototype
	 SIP control for adding possibility to signal connections based on time charging