

Agenda	SIEMENS Mobile
1. Goals of the thesis	
<ul> <li>2. Session initiation protocol</li> <li>Basic functionalities</li> <li>Support of new features</li> <li>SIP extensions</li> </ul>	
<ul> <li>3. IP Multimedia Subsystem</li> <li>• UMTS and IMS Architecture</li> <li>• Services &amp; Functionalities</li> </ul>	
4. Interoperability	State State
5. Conclusions and future prospects	K
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Interoperability 4	SIEMENS Mobile
The study I made proved that the software in the SIP client and in the SIP server need to be modified, if they are to be used in the IMS network.	
Likewise the study showed that currently the interoperability of IMS and other networks that use SIP can not be achieved without adaptation from one version to the other.	
However, the standardization of the Mm- interface from IMS to other SIP networks is still an ongoing process.	
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Conclusions and future prospects	SIEMENS Mobile
With current specifications of IETF and 3GPP interoperability is difficult to achieve.	
Both of the SIP client and server software must be modified if they are to be used in IMS network.	
Interoperability between the IMS and the Internet would mean a possibility of multimedia sessions between the Internet users and the IMS users.	
Allthough the interoperability is a delicate matter, IETF and 3GPP have started to work in close collaboration in order to achieve it.	
However, IMS and the Internet are partially competing against each other and thus the actual barriers of interoperability might turn out to be other than the technical ones.	
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