



# SEA: SEAmless content delivery

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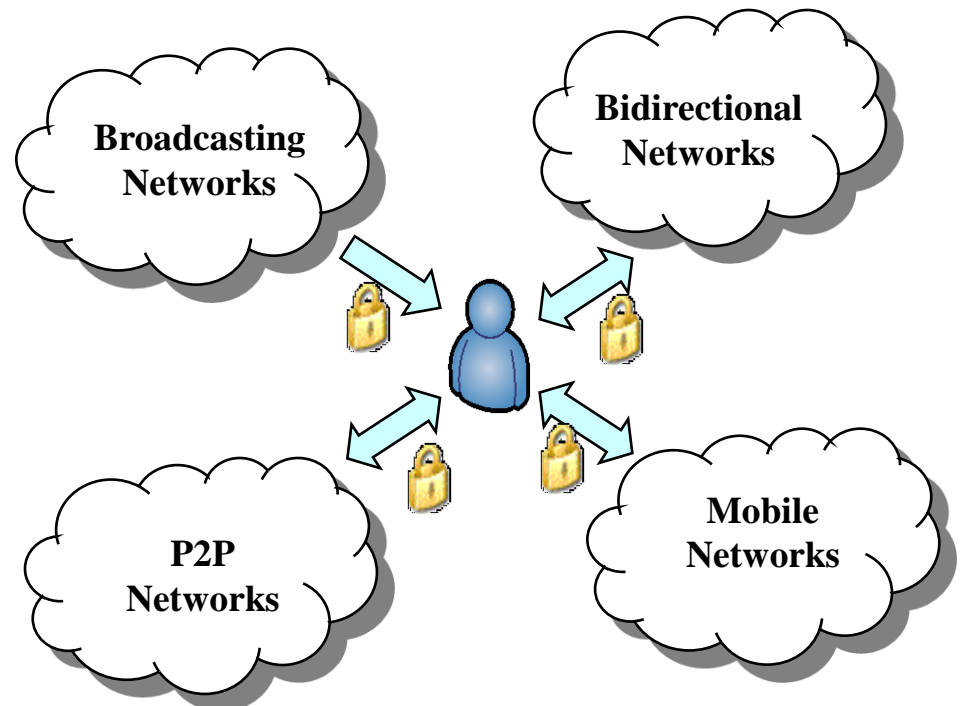


# What is SEA

**SEA is focused on seamless, personalised, trusted and PQoS-optimised multimedia content delivery, across broadband networks, varying from broadband broadcasting to P2P topologies**

**Within SEA everyone can be:**

- Content Producer/Provider
- Content Mediator
- Content Consumer





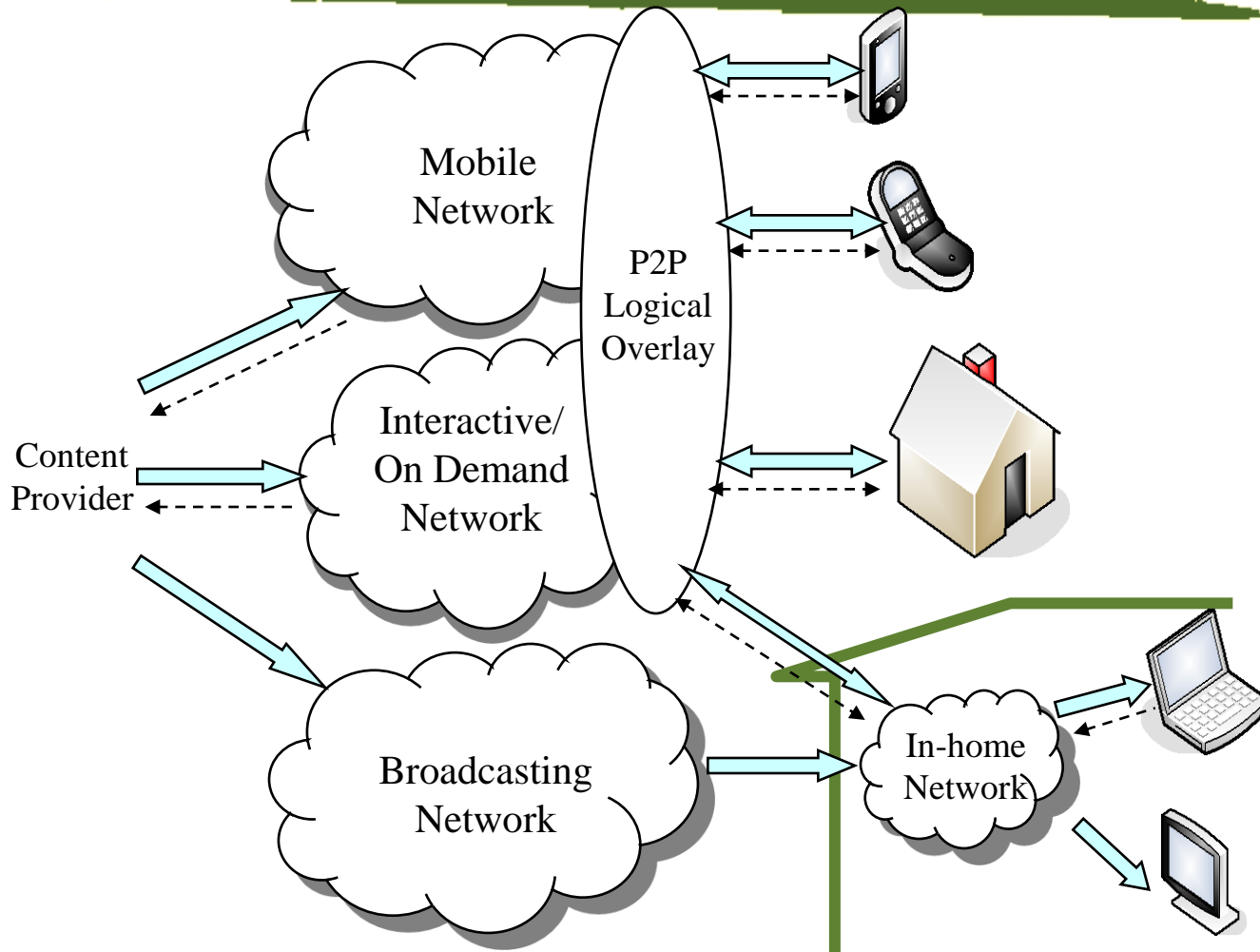
# SEA Innovation Pillars

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- Multi-layered/Multi-viewed/Multi-description content coding
- Multi-source/Multi-network streaming & adaptation
- P2P video streaming
- Content Protection and lightweight asset management

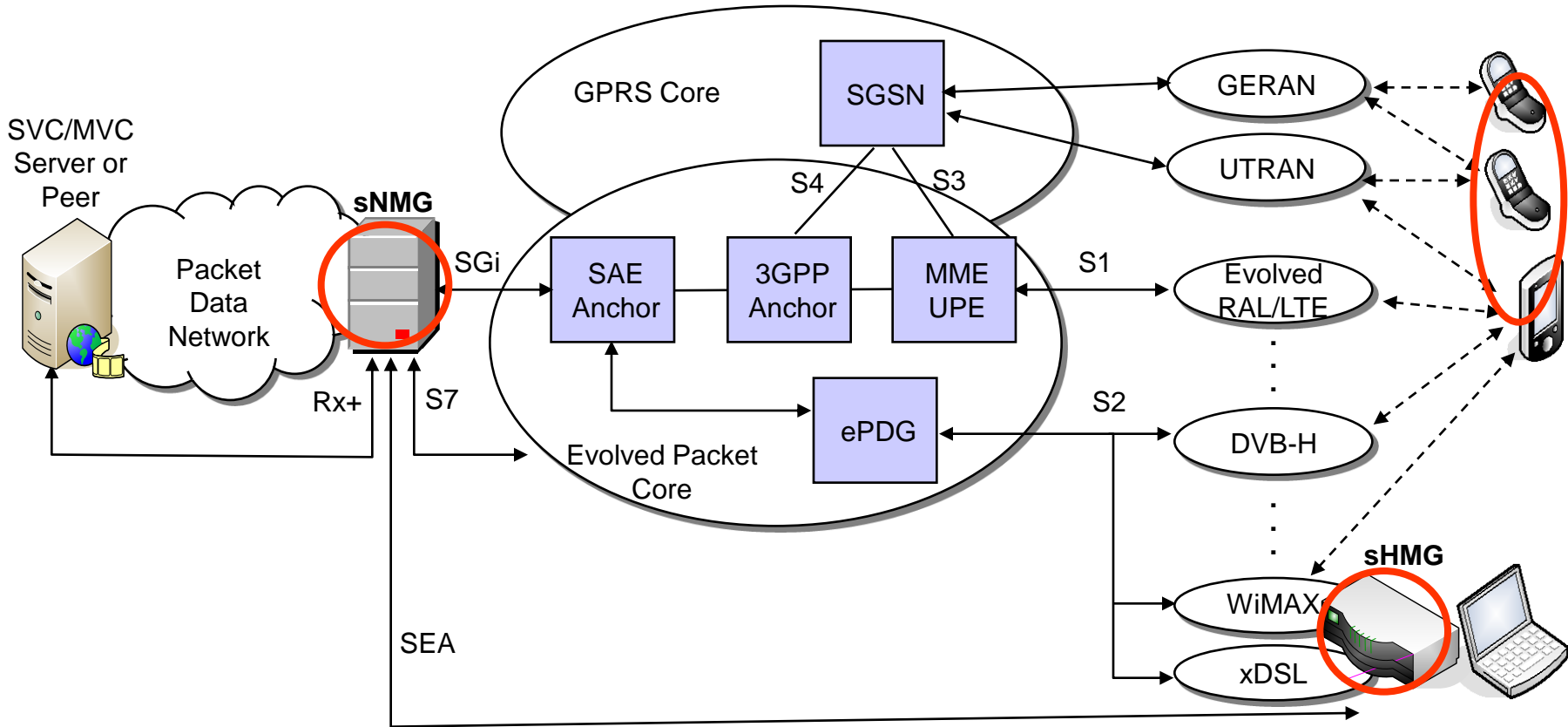


# SEA Logical Architecture





# SEA/3GPP SAE Network Architecture





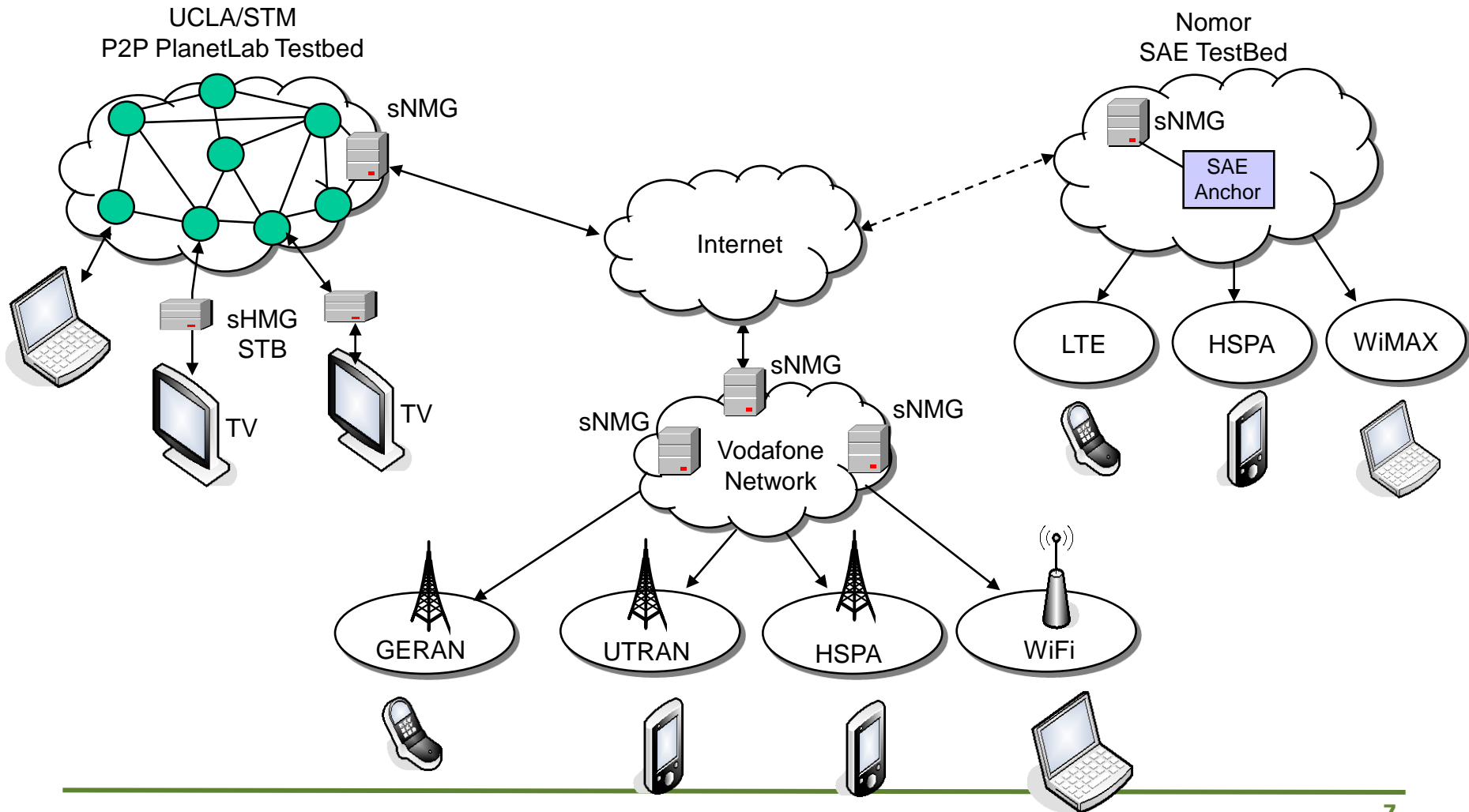
# SEA aims to test

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- TV and IPTV Streaming of:
  - SVC video
  - MVC Video
  - MDC Video
  - selected combinations (e.g. some layer of SVC maybe MDC)
- Using
  - Fixed/Wireless/Mobile Networks
  - P2P Networks
- While adapting & protection the stream on the fly



# SEA testbed





Thank you

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