

2nd Indo-European Dialogue on ICT Standards & Emerging Technologies

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3GPP SA3

Security standards for mobile communication systems –
making mobile business happen

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3GPP TSG SA WG3 (Security) Terms of Reference

- ❖ The WG has the overall responsibility for security and privacy in 3GPP systems
 - performs analysis of potential threats to these systems
 - determines the security and privacy requirements for 3GPP systems
 - specifies the security architectures and protocols
 - ensures the availability of cryptographic algorithms which need to be part of the specifications

<http://www.3gpp.org/Specifications-groups/sa-plenary/54-sa3-security>

3GPP SA3 specification location:

<http://www.3gpp.org/ftp/Specs/html-info/33-series.htm>

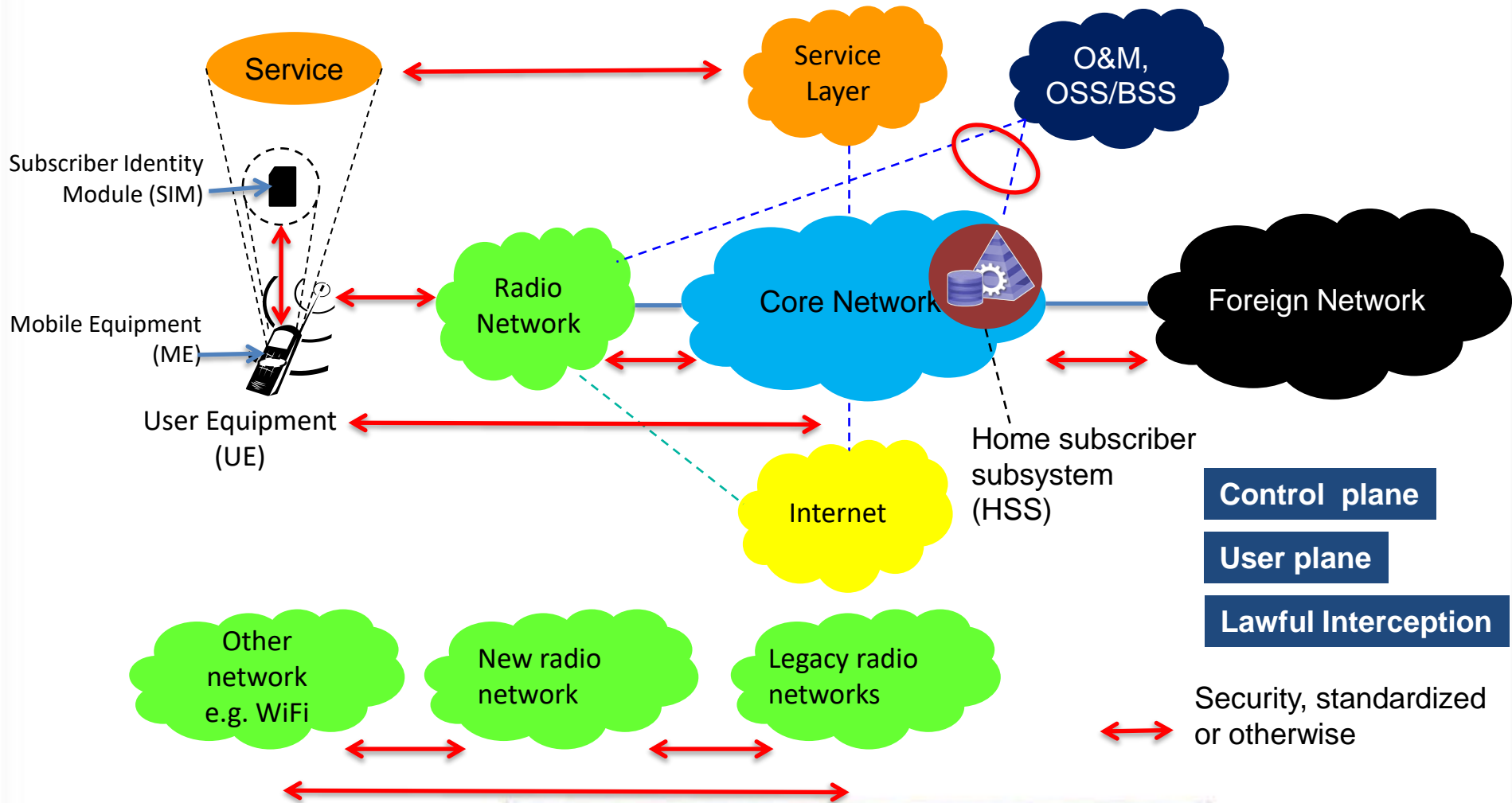
Finding specific specification:

<http://www.3gpp.org/ftp/Specs/html-info/xxyyy.htm>

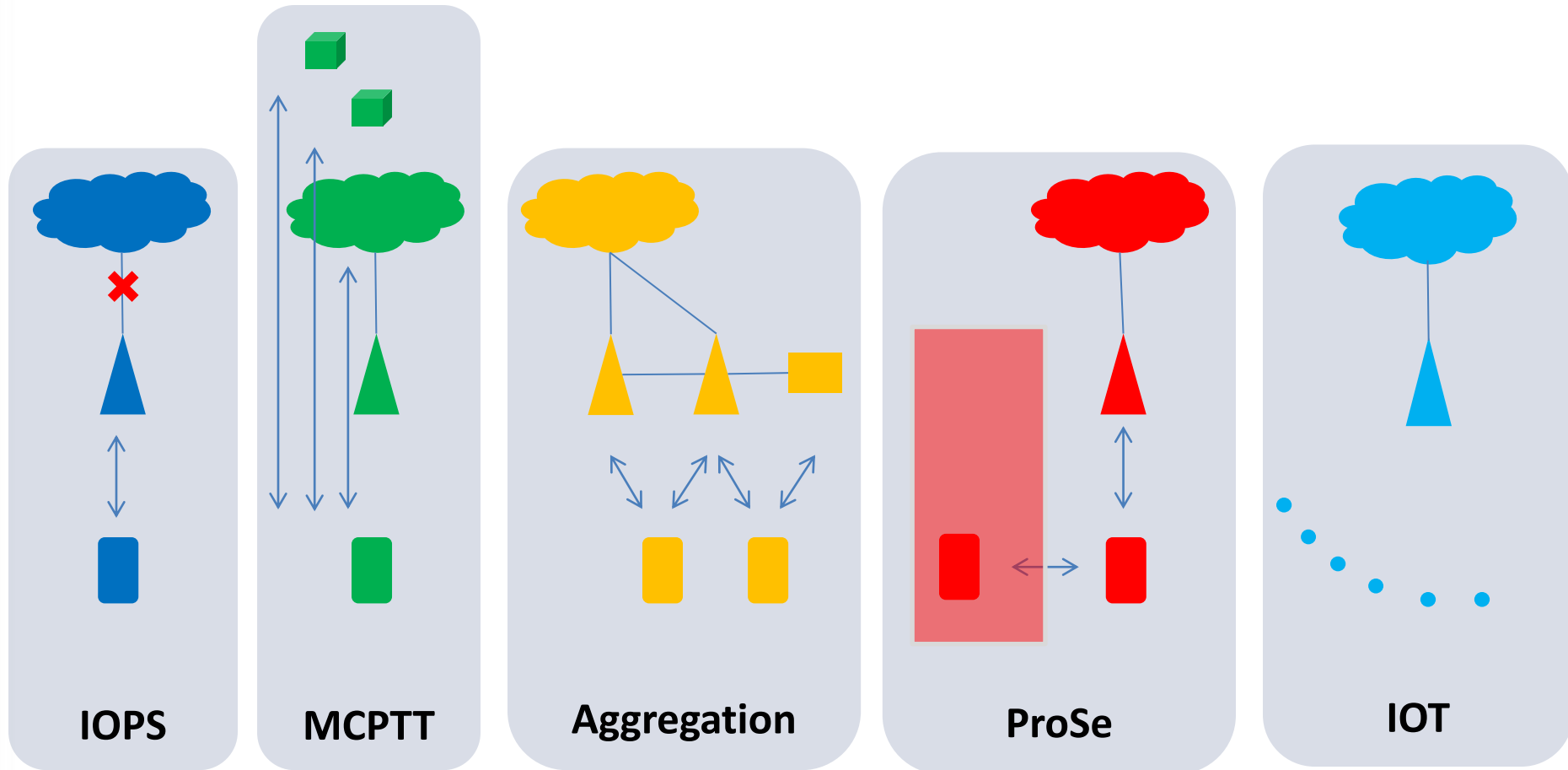
Replace xxyyy by specification number, e.g., 33401 for TS 33.401



Mobile Network Security – Helicopter view



3GPP SA3 Activities: Selected Topics



IOPS: Isolated E-UTRAN for Public Safety

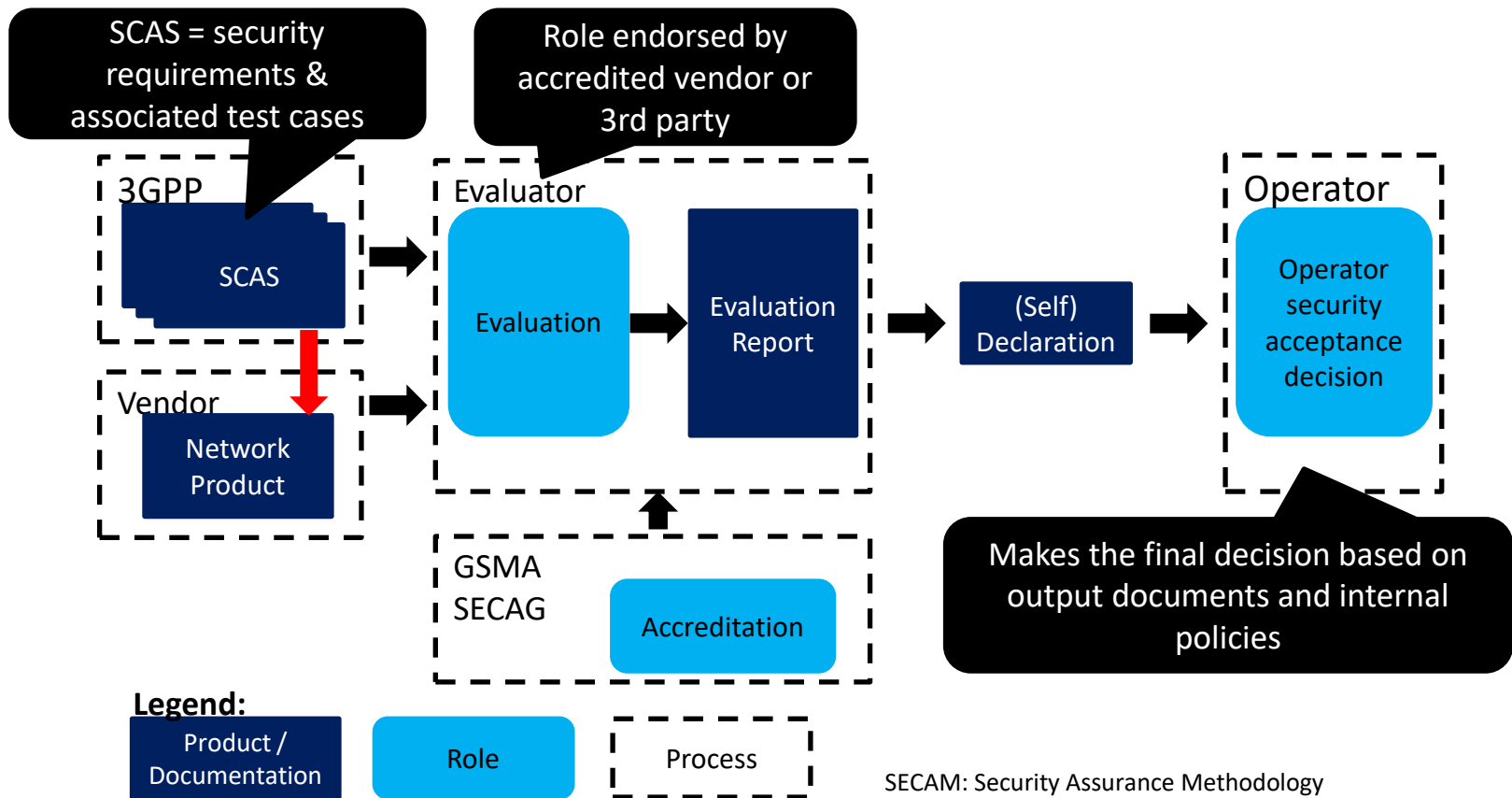
MCPTT: Mission Critical Push to Talk for LTE

ProSe: Proximity based Services

IOT: Internet Of Things



3GPP SA3 Activities: Security Assurance



SECAM: Security Assurance Methodology
 SCAS: Security Assurance Specifications



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Thank you!

