

# arm

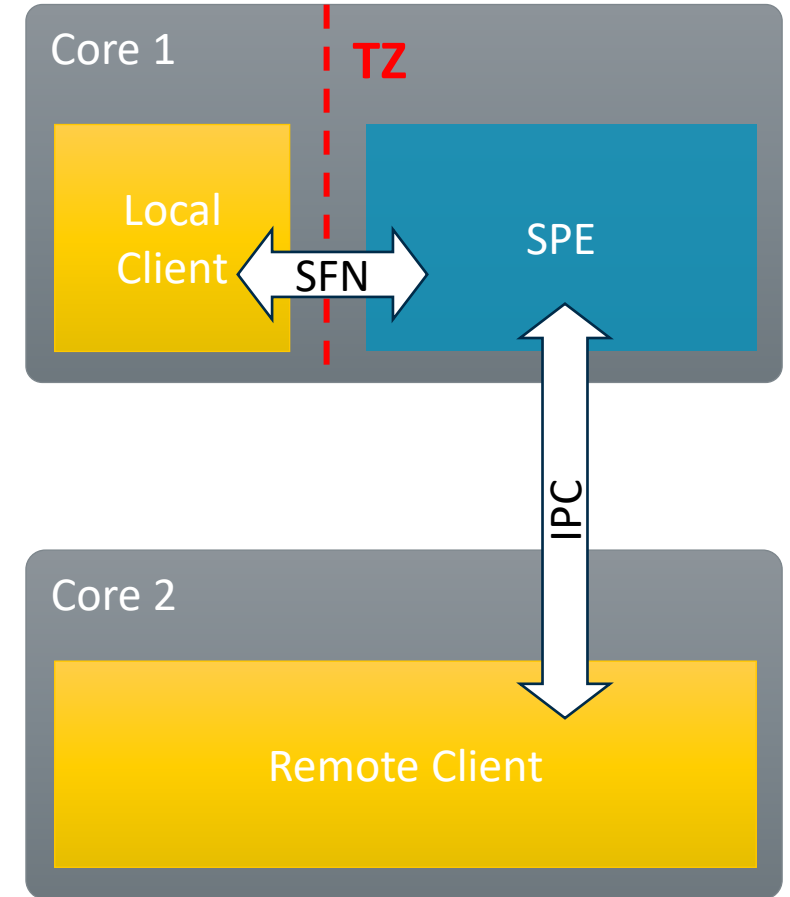
## Heterogeneous platforms & Multiple clients

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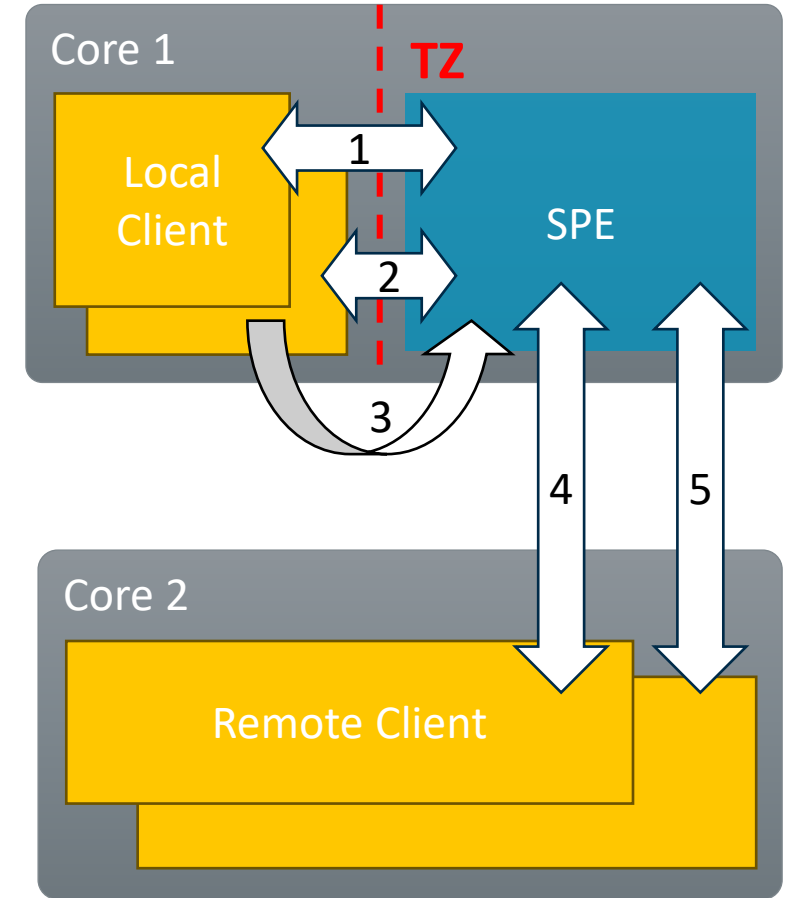
# Hybrid platform & Multiple clients

- + Novel platforms have multiple cores and may include SE extension
  - ex: RSS, Corstone-1000
- + TF-M SPE supports SFN or IPC
- + The hybrid platforms may need both simultaneously
- + Multiple SPE clients
  - Local + Remote or Multiple remotes
- + Related challenges and questions:
  - Client's identification
  - Client's priorities and cross dependencies
  - Interrupt handling
  - Real-time requirements
  - Communication channel(s) and protocol(s)



# Use cases for review

1. Multiple local clients (1,2) via TZ
2. Multiple Remote clients (4,5)
3. Mixed clients (1,2,4,5) or (3,4,5)
4. Real-time services in SPE
5. Real-time feasibility for local clients
6. Multiple remote communication channels and protocols (4!=5)



arm

Thank You

Danke

Gracias

Grazie

谢谢

ありがとう

Asante

Merci

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Kiitos

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