

S-Mobile: Security of Services on Mobile Systems

Problem



Utilization

- Enforcement of security policies like:
- Play this video only 5 times
 - Delete this SMS after Wednesday
 - Forbid any external application to read my agenda
 - This game cannot send more than 3 SMS and cannot call 0900 numbers
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Approach & Challenges

- Policy as a Contract attached to data/objects
- Contract language
- Contract conflicts detection
- Contract (run-time) enforcement

Possible interested stakeholders

- Mobile platform manufacturers
- Mobile services providers
- Mobile applications providers

Team

