TECHNISCHE UNIVERSITÄT DRESDEN

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

IT platform and use cases for the Connected Car domain

A TU Dresden and SAP Research collaboration

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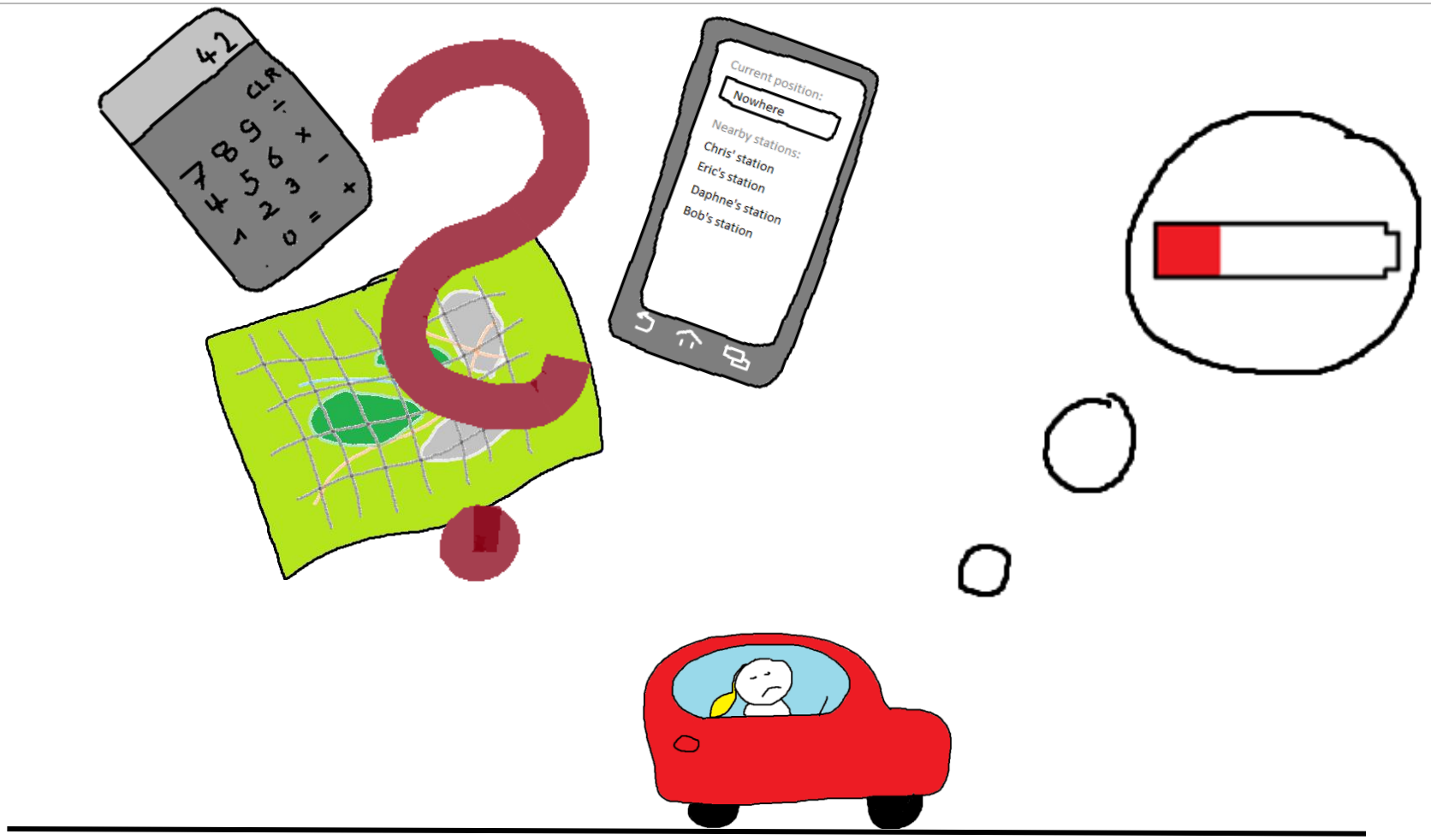
TU Dresden, Computer Networks Group

SAP Academic Conference, 6-7 September

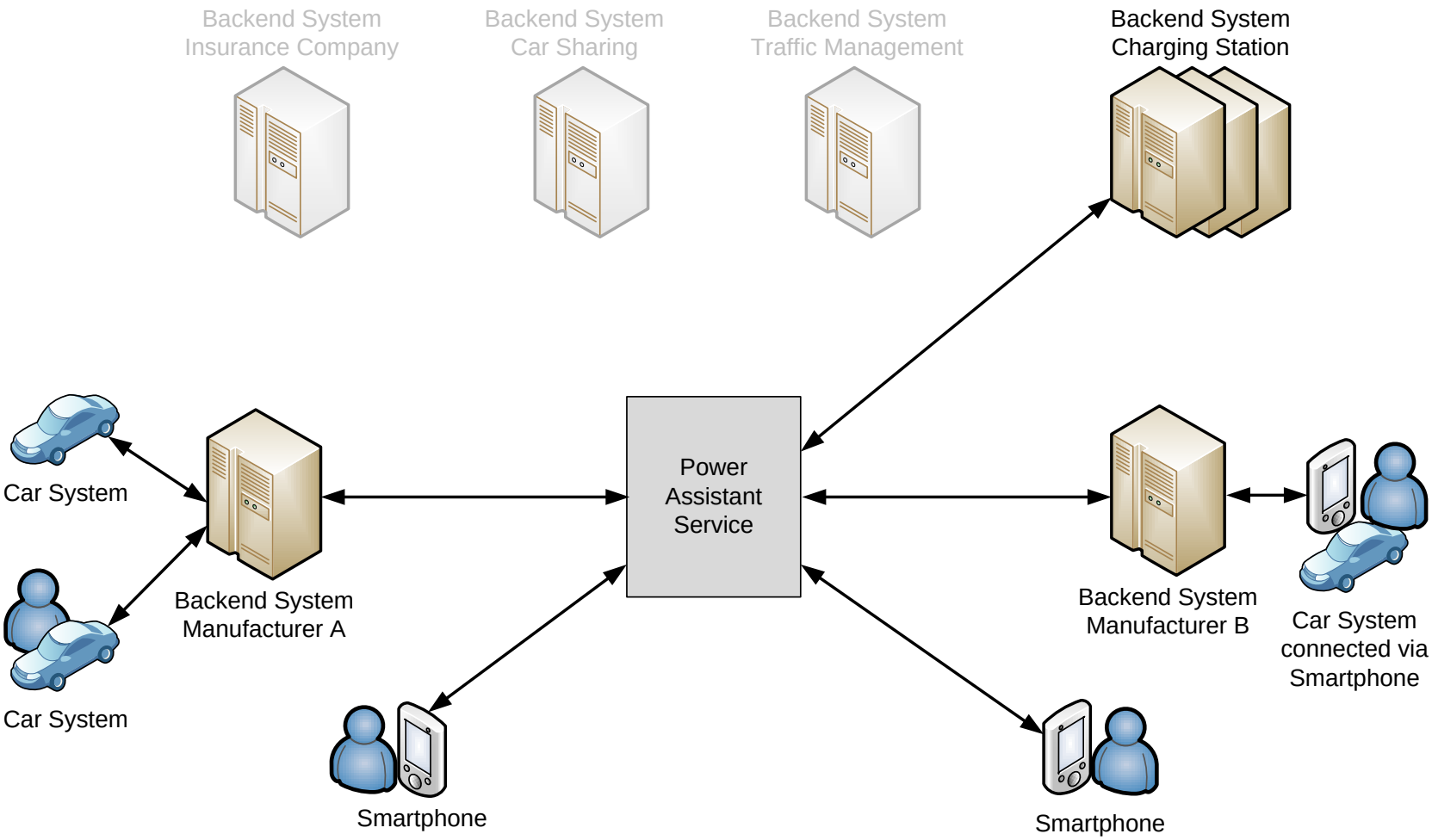
Project context

- Project cooperation between
  - TU Dresden, Computer Networks group
  - SAP Research Dresden
- Scope
  - Value added services for Connected Cars
  - Both conceptual and implementation work
- Objective
  - Easy and cost-efficient development of 3rd party services
  - Quality of service mechanisms for reliable and secure data exchange
  - Adaptation strategies for data and control flows
  - Service-based platform architecture

Alice has a problem…



The Vision – IT Platform for Connected Car services



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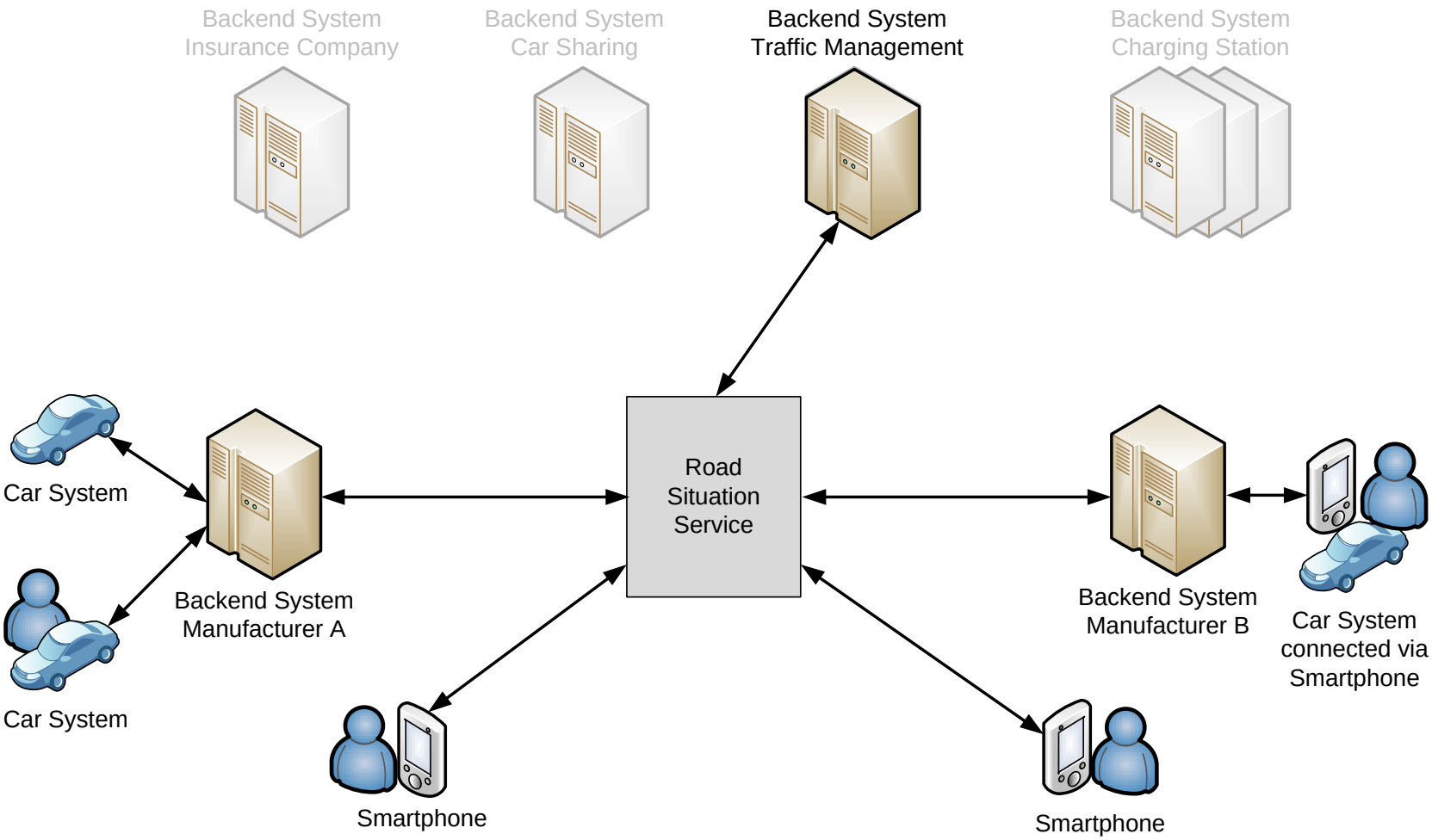

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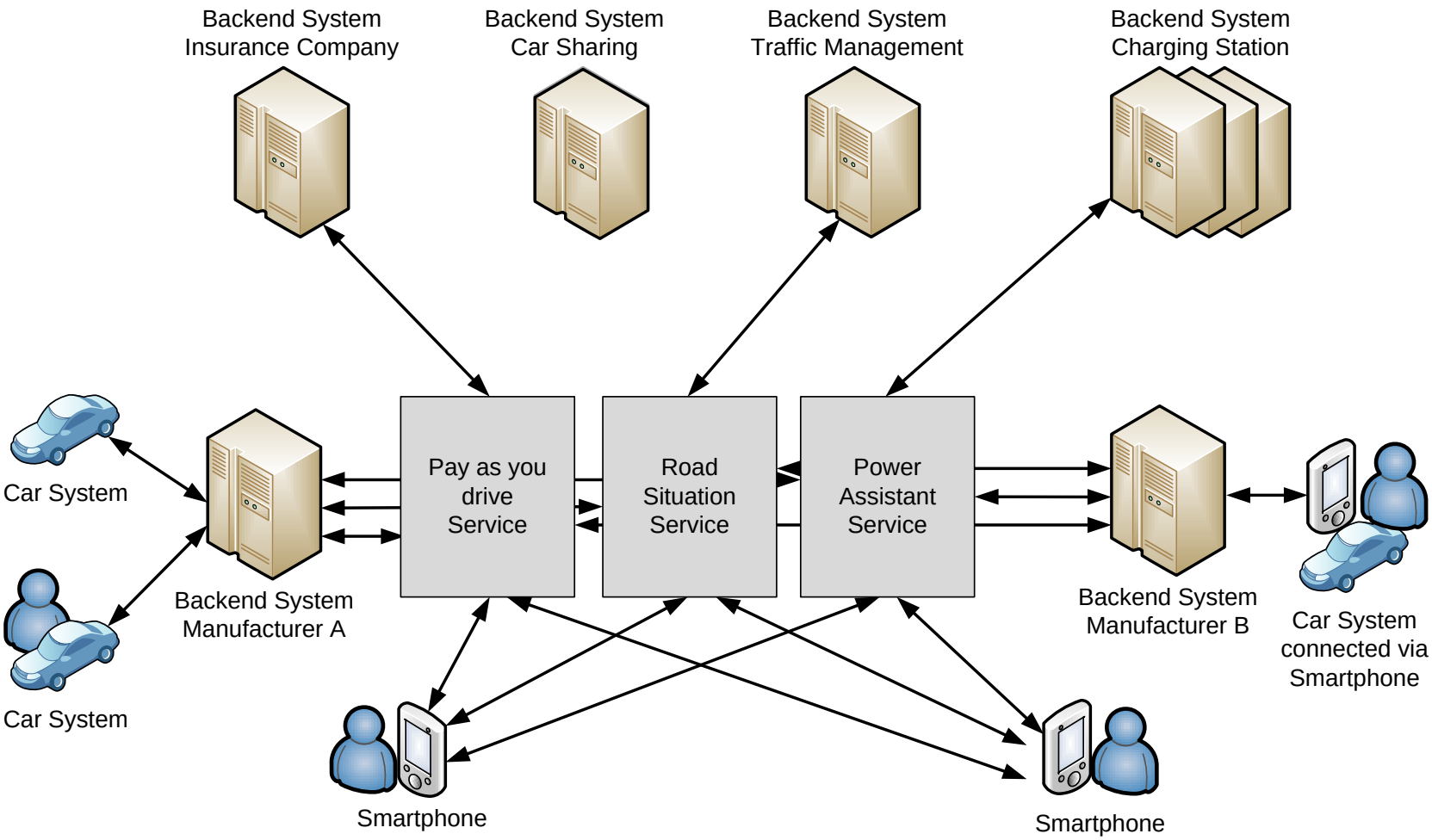

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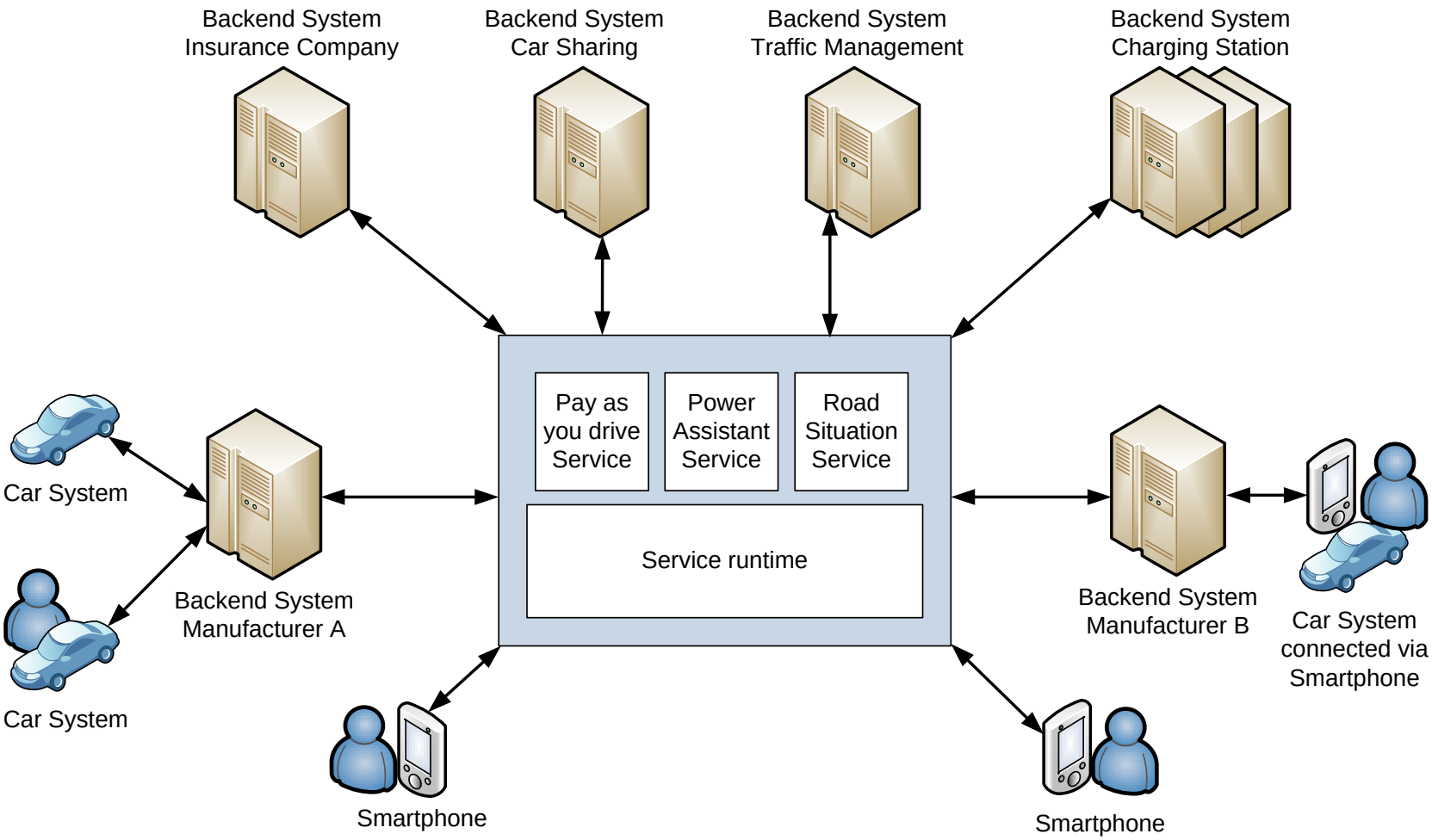

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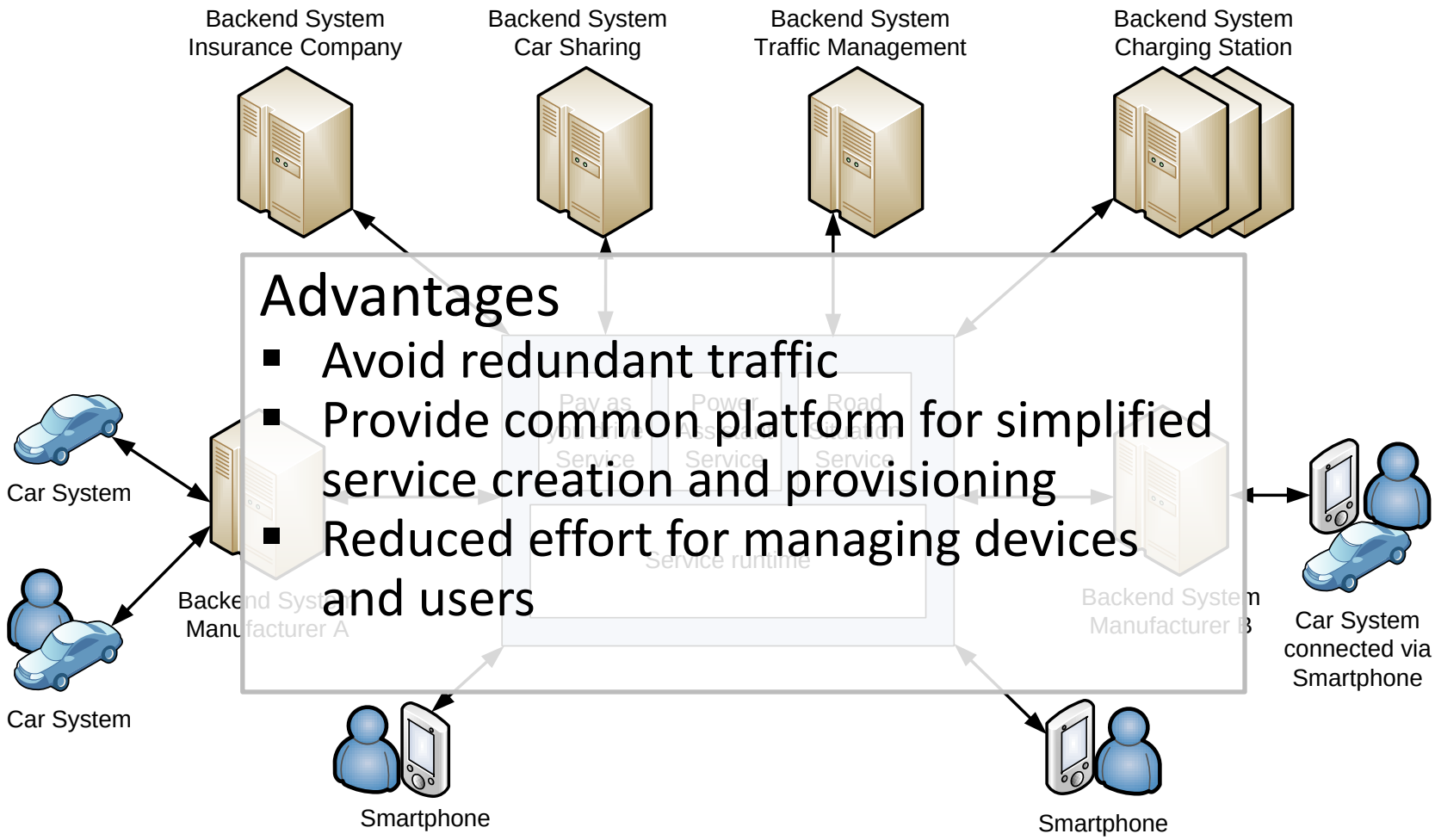
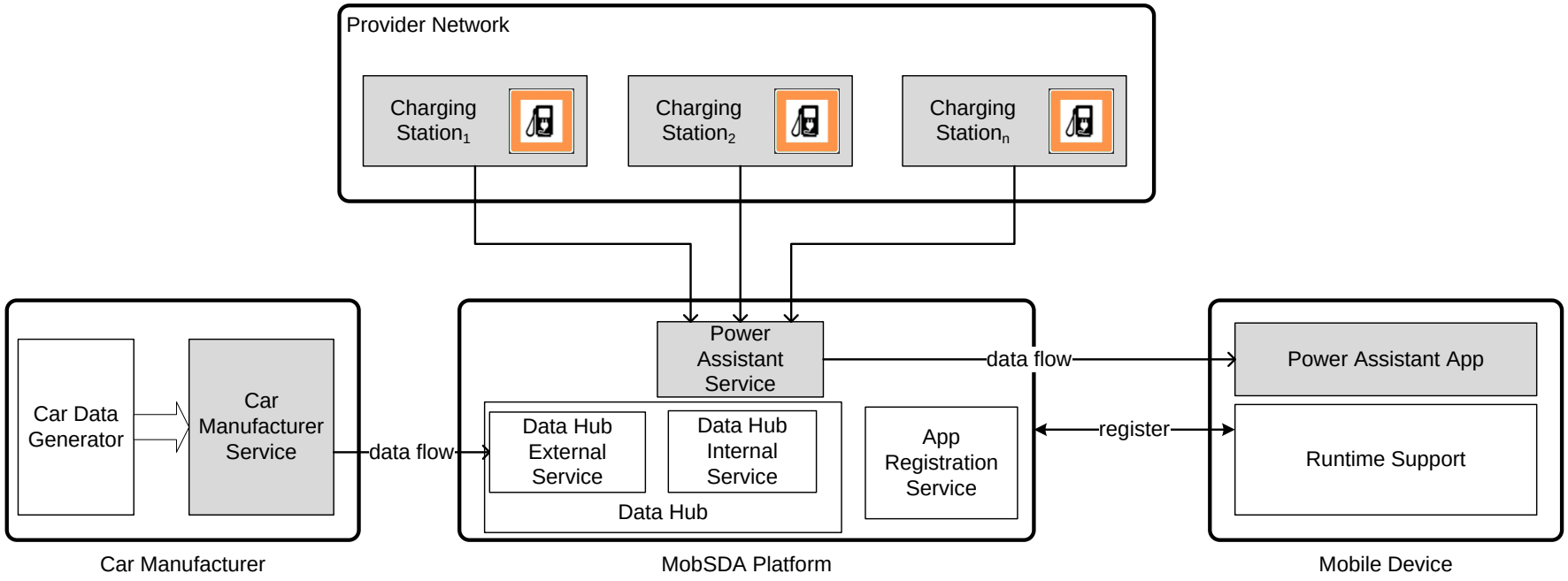
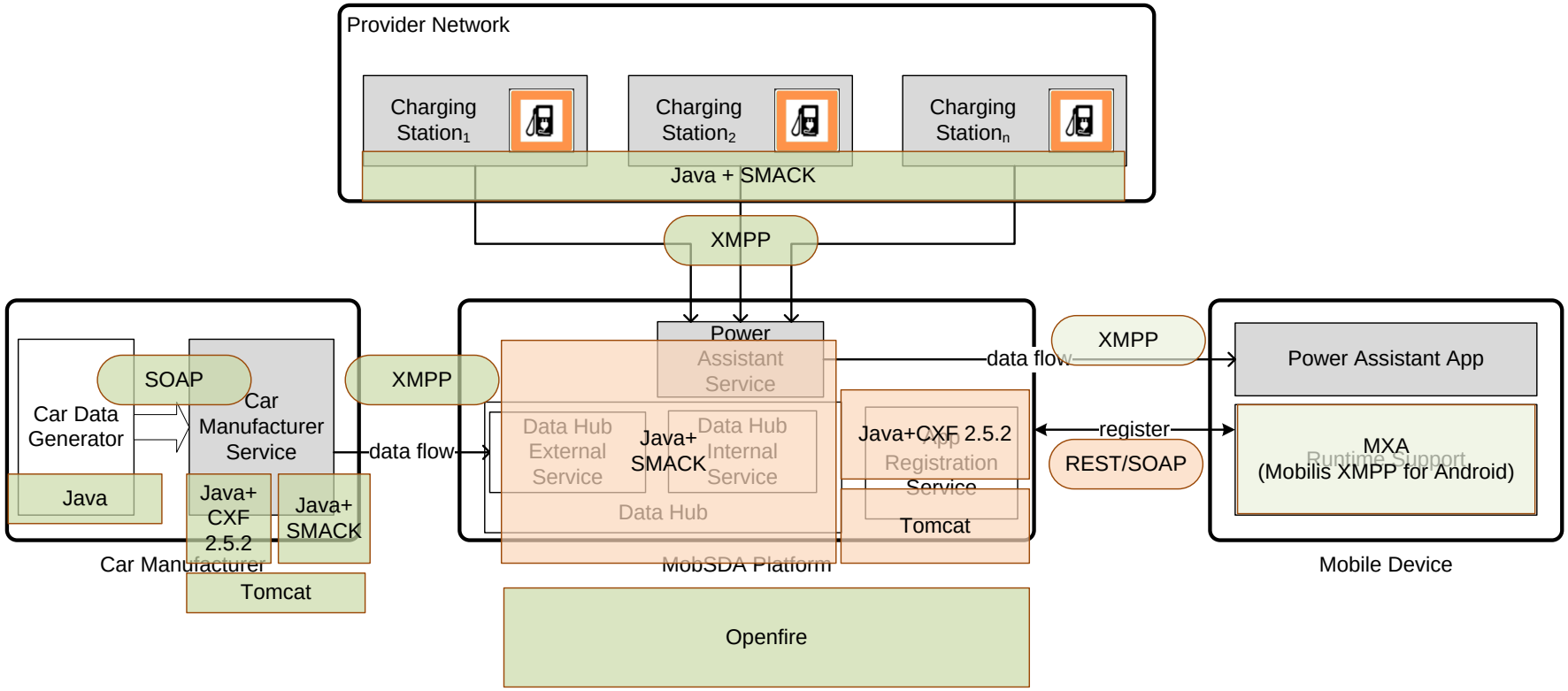


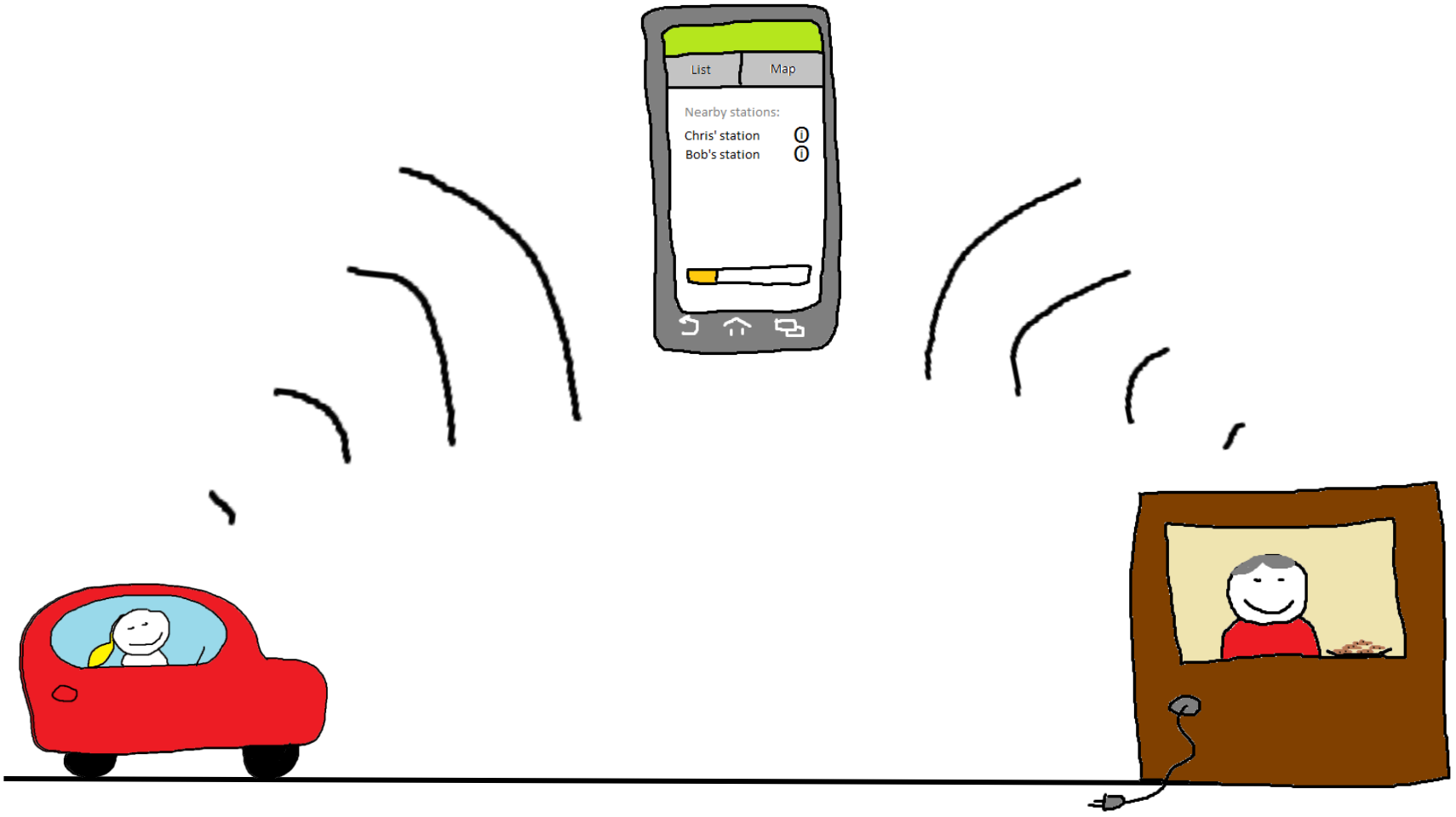
Power Assistant - Architecture



Power Assistant - Technologies



Back to Alice…



Questions?

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