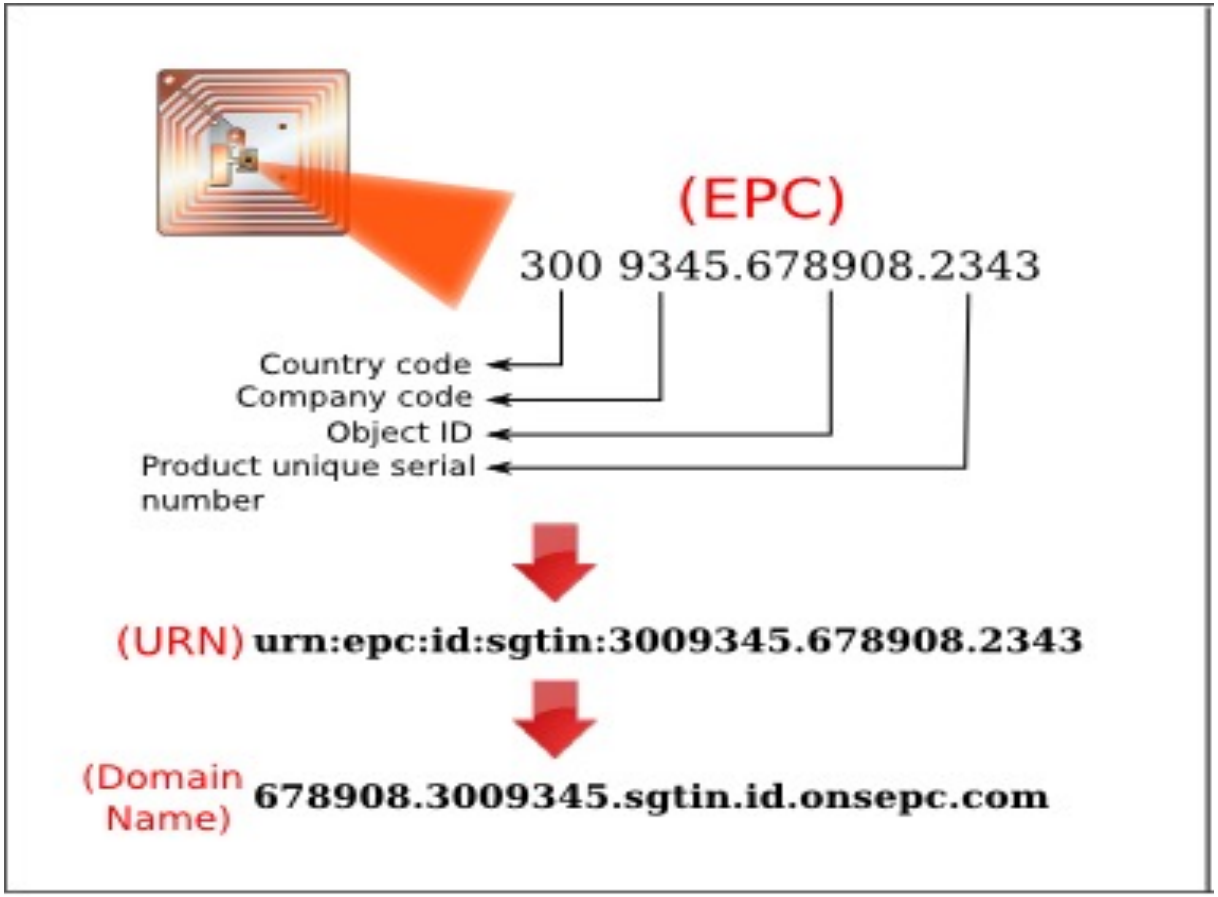
Outline

- Use case based on RFID using EPC standard
- Pointers to similar activities elsewhere
- Problem statement

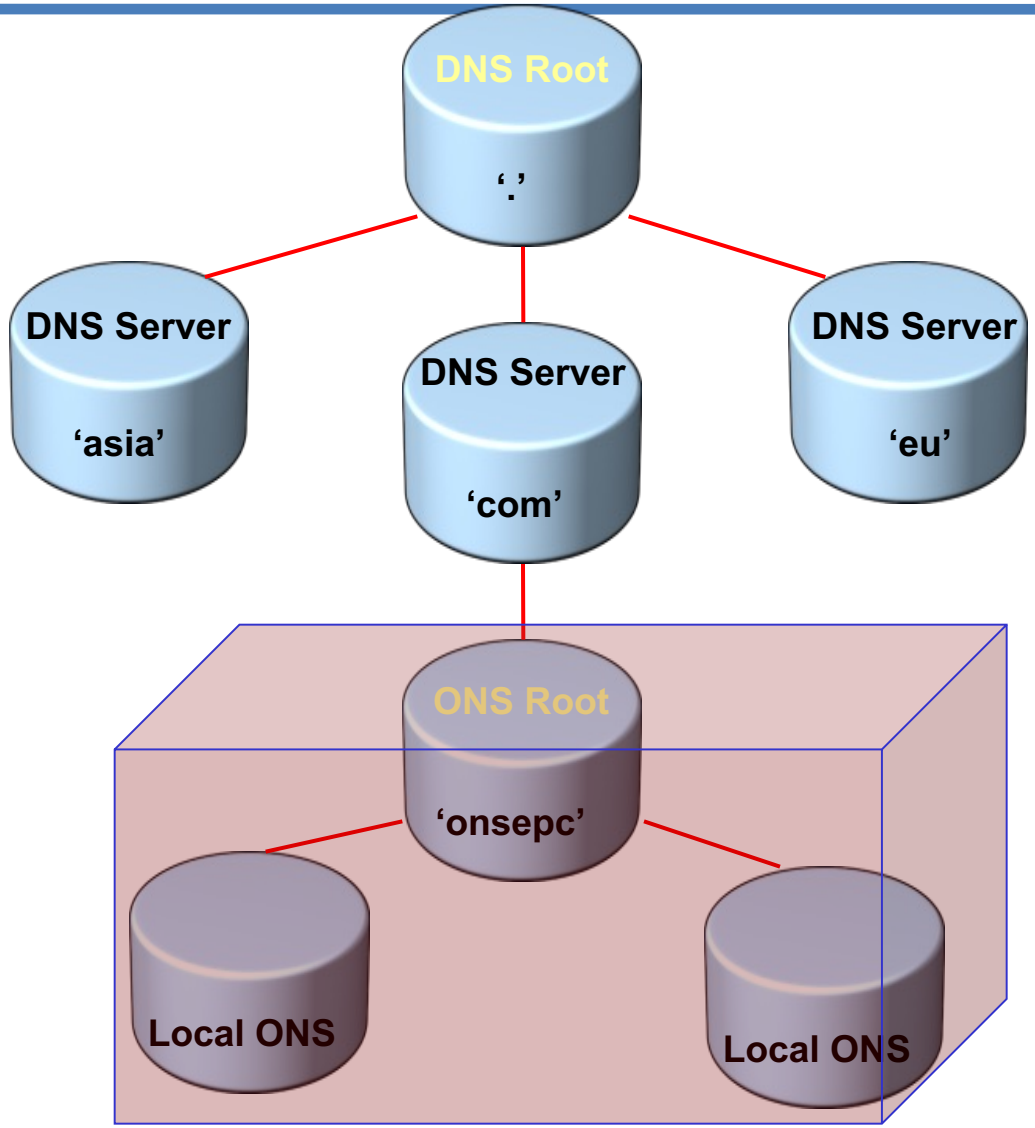

WINGS
ANR

Converting Object Code to Domain Name

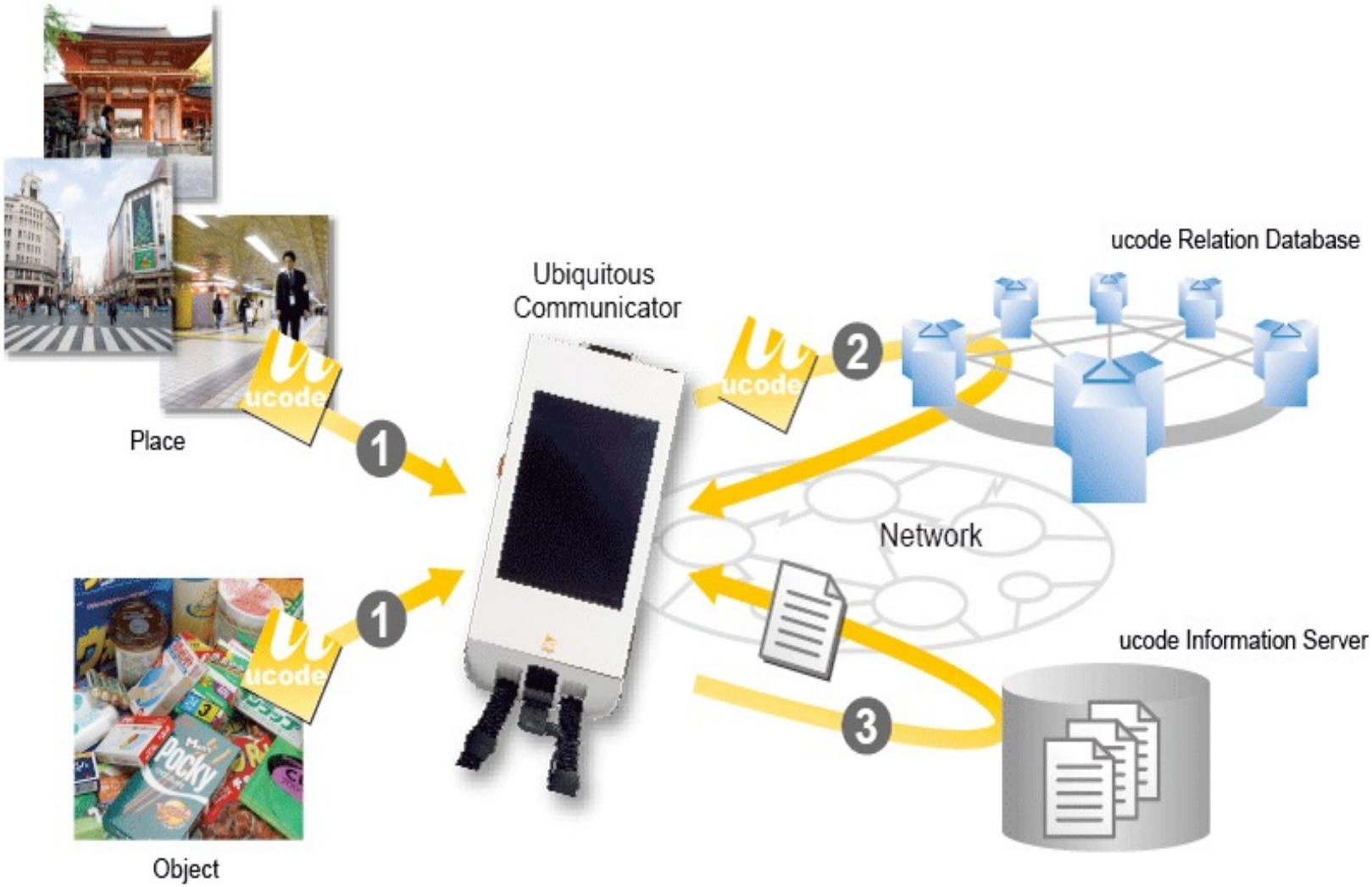



WINGS
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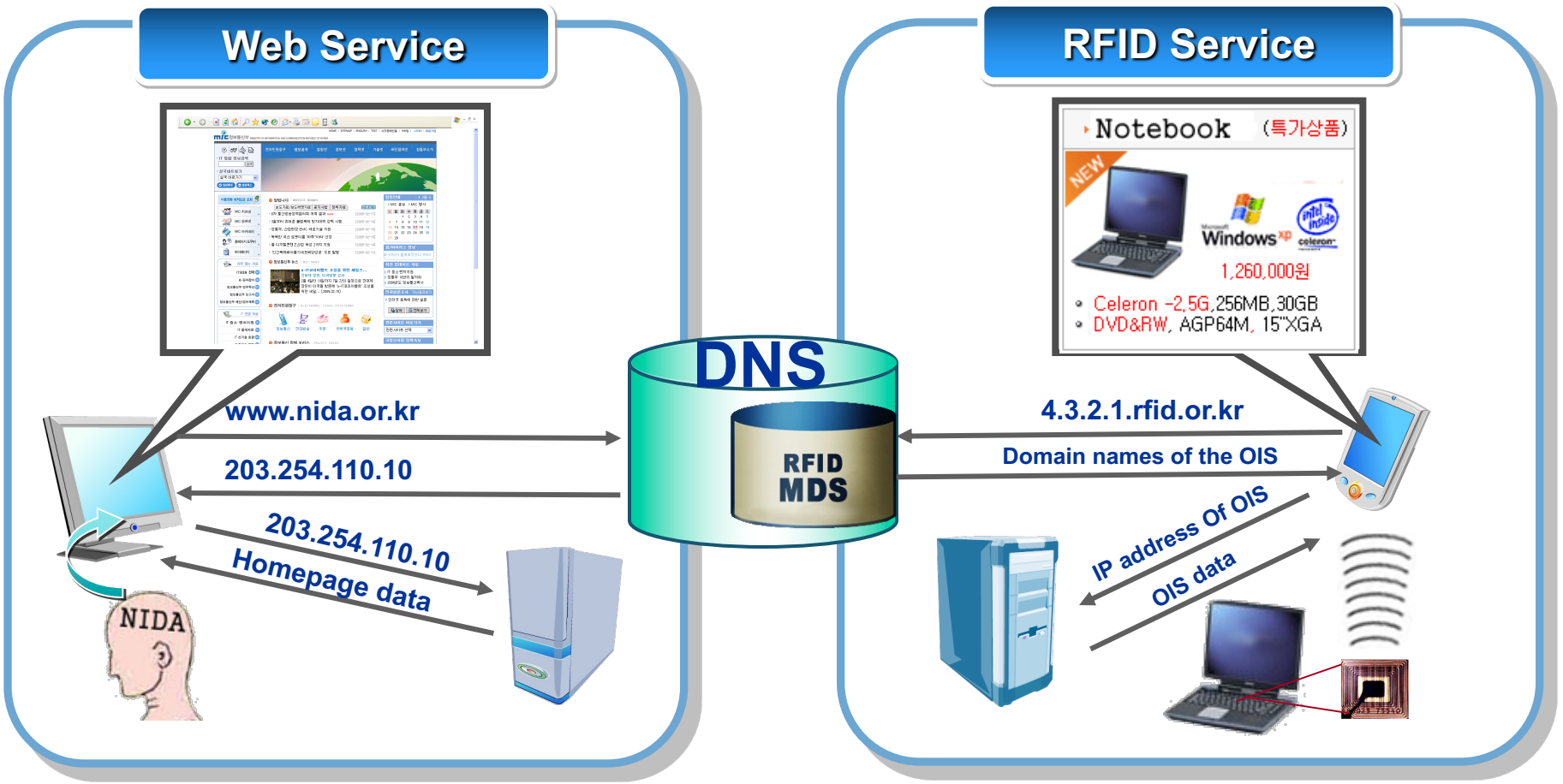
Current Single-Root ONS Architecture



uCode Resolution



Object Directory Service Resolution



Problem1

- Object identifiers have been there for a long time
- It is not possible to convince the different stakeholders to move into a one common global identifier
- There needs to be a mapping service to map the object identifier to the information service related to it
- Do we use the existing mapping service (DNS) or a clean slate approach?

Problem2

- How different identifiers will be mapped uniquely
- How an identifier which is not known previously could be mapped
- Whether mechanism like DDDS is scalable for such use cases