



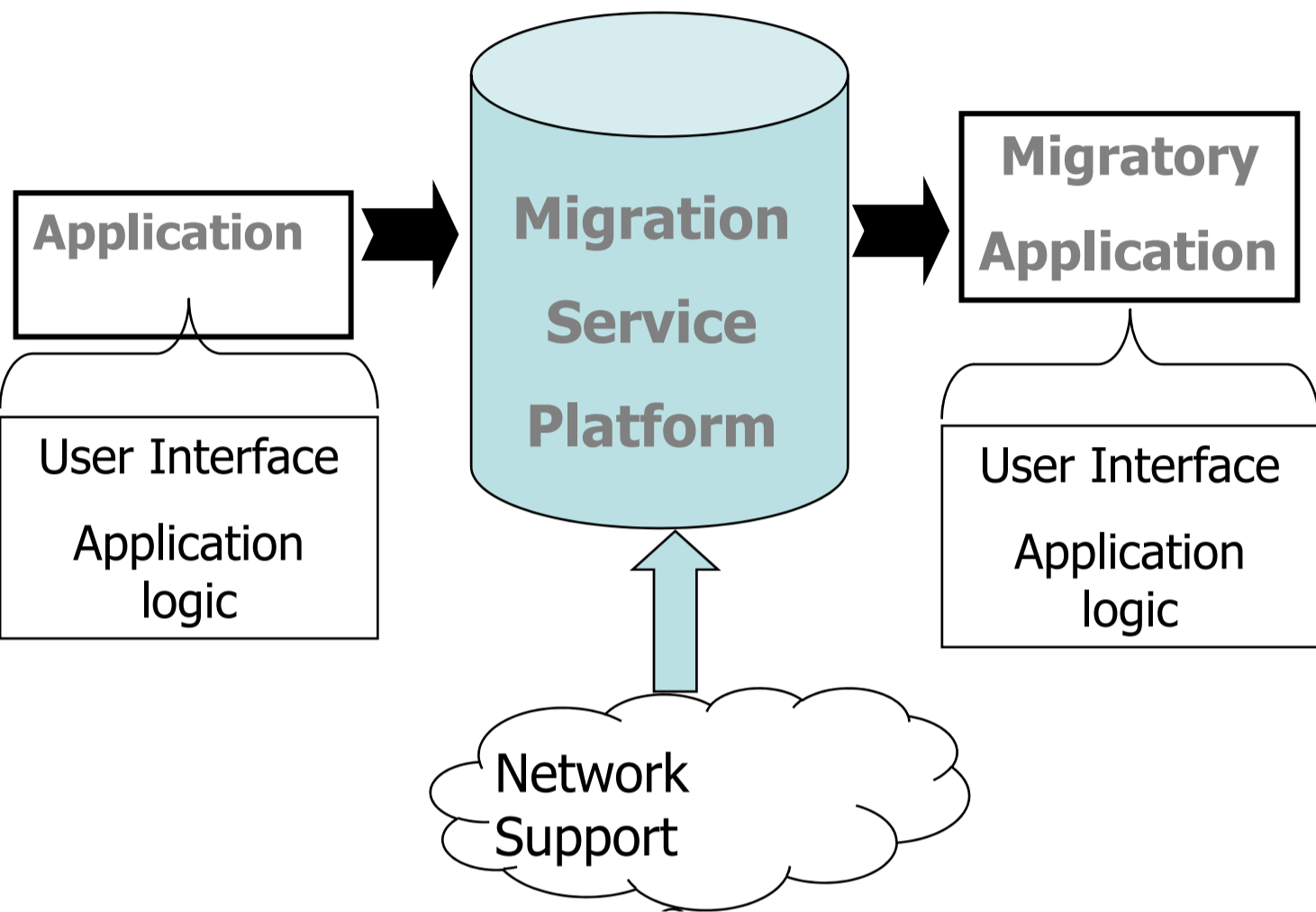
Open Pervasive Environments for migratory interactive services



SAP RESEARCH

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### Today's Ubiquitous Environments:

- no continuous session when interaction device change
  - no supporting middleware allowing seamless migration to many different devices
- not able to deliver the future "Internet of Services" to any assembly of devices available

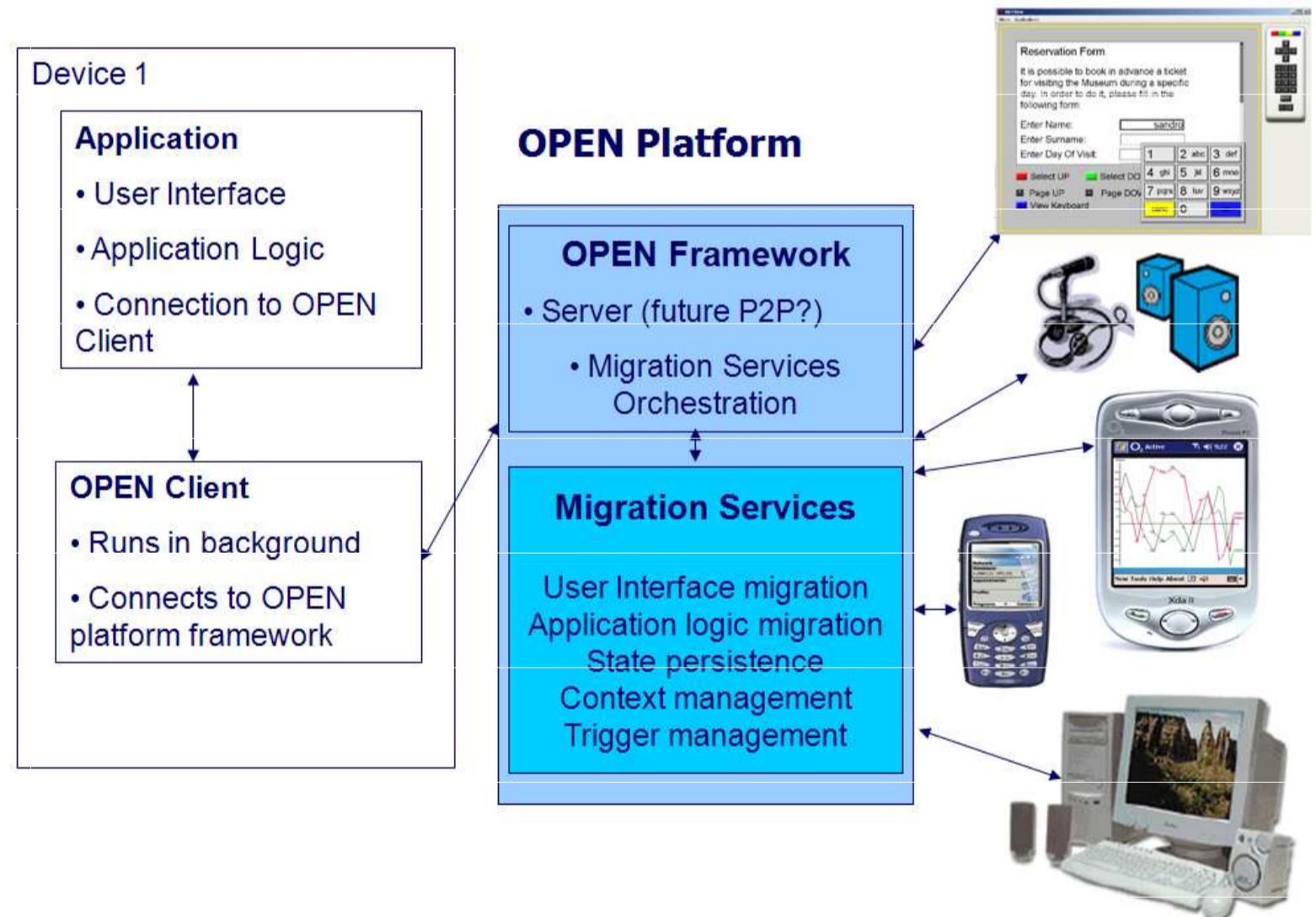
### The Migration Service Platform

**Migration = Device Change + Adaptation + Continuity**

#### ICT Open Solution

- **Migration Service Platform** allowing to change interaction platform and continue current task(s)
- **Support** for high demanding applications like games and for business applications
- Essential **Building Block** for the "Future Internet of Services"

### Architectural Framework



### Device discovery

**When to Migrate:** Migration Trigger (User or System or Mixed initiative)

**Where to Migrate:** Identification Target and its resources

**What to Migrate:** User interface and/or application logic

**How to Migrate:** Adaptation (depending on the type of target)

**State Persistence:** Source state extraction and association to target version

**Activation in the target device:** at the point in which the user left off on the source device

OPEN promises to achieve such goals using a sound and innovative scientific approach developed by a **multidisciplinary consortium** combining the expertise of three technological world leaders, three well known research organisations, and one SME.