



# Case Study

## Time Reporting Service

Abiro Mobilizer

2006-12-08

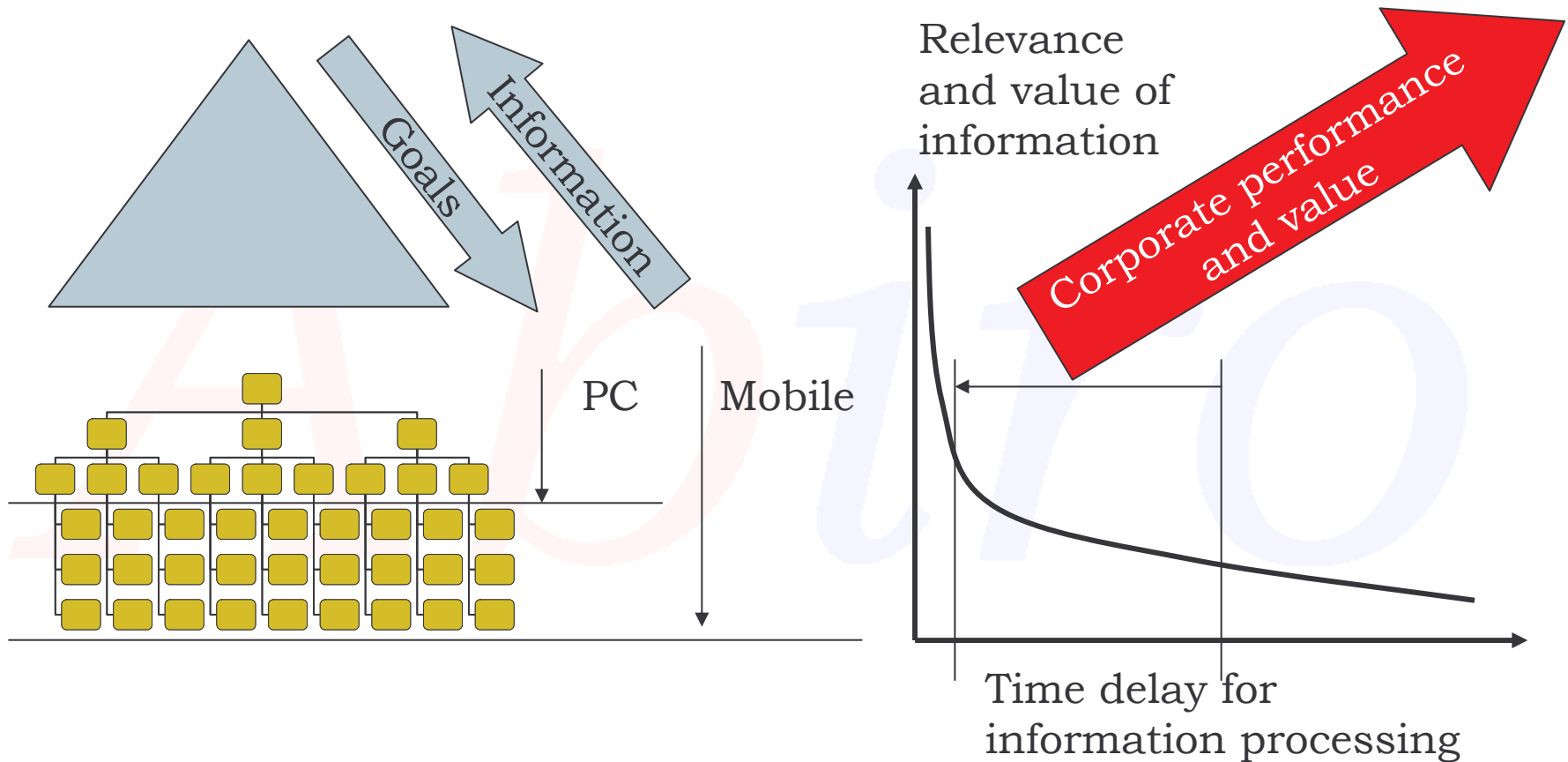
Revision PC1

# Overview

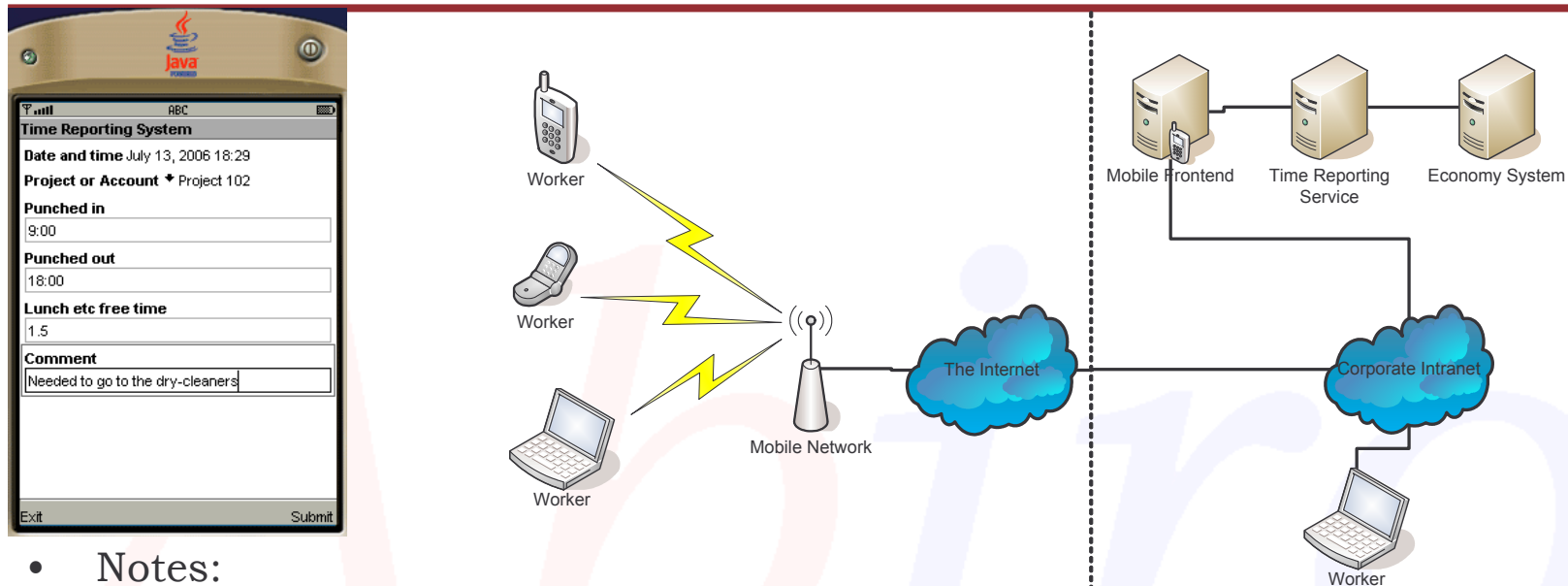
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- A service for handling the reporting of worked time
- Potential users are e.g. consultants, project members, emergency personnel etc
- By using mobile phones as alternative access devices means communication is possible at any time and in real time, even when on the move, resulting in faster and more reliable reporting

# Time and Equipment Constraints



# Service Setup



- Notes:
  - The same system should be used for in-house and roaming workers
    - Access via a mobile phone might be more practical also in-house (if not working by a PC)
  - All communication needs to be encrypted and users must log in for proper authentication
  - The operator network is transparent to the communication
  - The client-side solution could be either browser- or Java-based
  - Likely this is an add-on to an existing system
  - Reminders could possibly be sent out via SMS

# Principal Functionality

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- User logs in, identifying the person and what accounts and projects that person is involved in
- User is presented the accounts and projects possible to report on, and selects one of them for this specific report
- User fills in punch-in time, punch-out time and possible free time and a comment, and submits the report
- User gets feedback on whether the inserted data is valid both before and after submit, and is allowed to edit if not
- User gets a report back in the shape of a receipt with the user's info filled in, with possibility to accept, save or edit
- After accepting the report the time reporting is completed, unless there are more accounts or projects to report on; if so the cycle is repeated
- The information is stored centrally and forwarded to the Economy System
- All above is done online, so there's no need to store data in the phone, except user information etc for quicker login