

Introduction to Distributed Systems

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What is a Distributed System ?

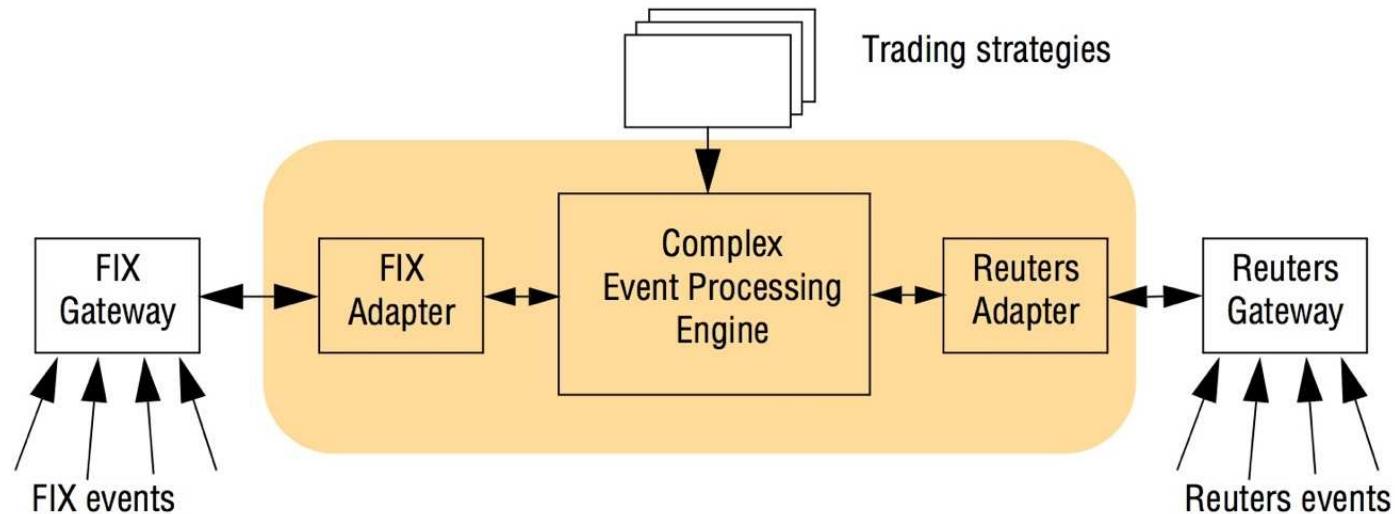
- A distributed system is defined as one in which hardware or software components located at networked computers communicate and coordinate their actions only by passing messages. This simple definition covers the entire range of systems in which networked computers can usefully be deployed

Some Issues..

- Concurrency
- No global Clock
- Independent Failures

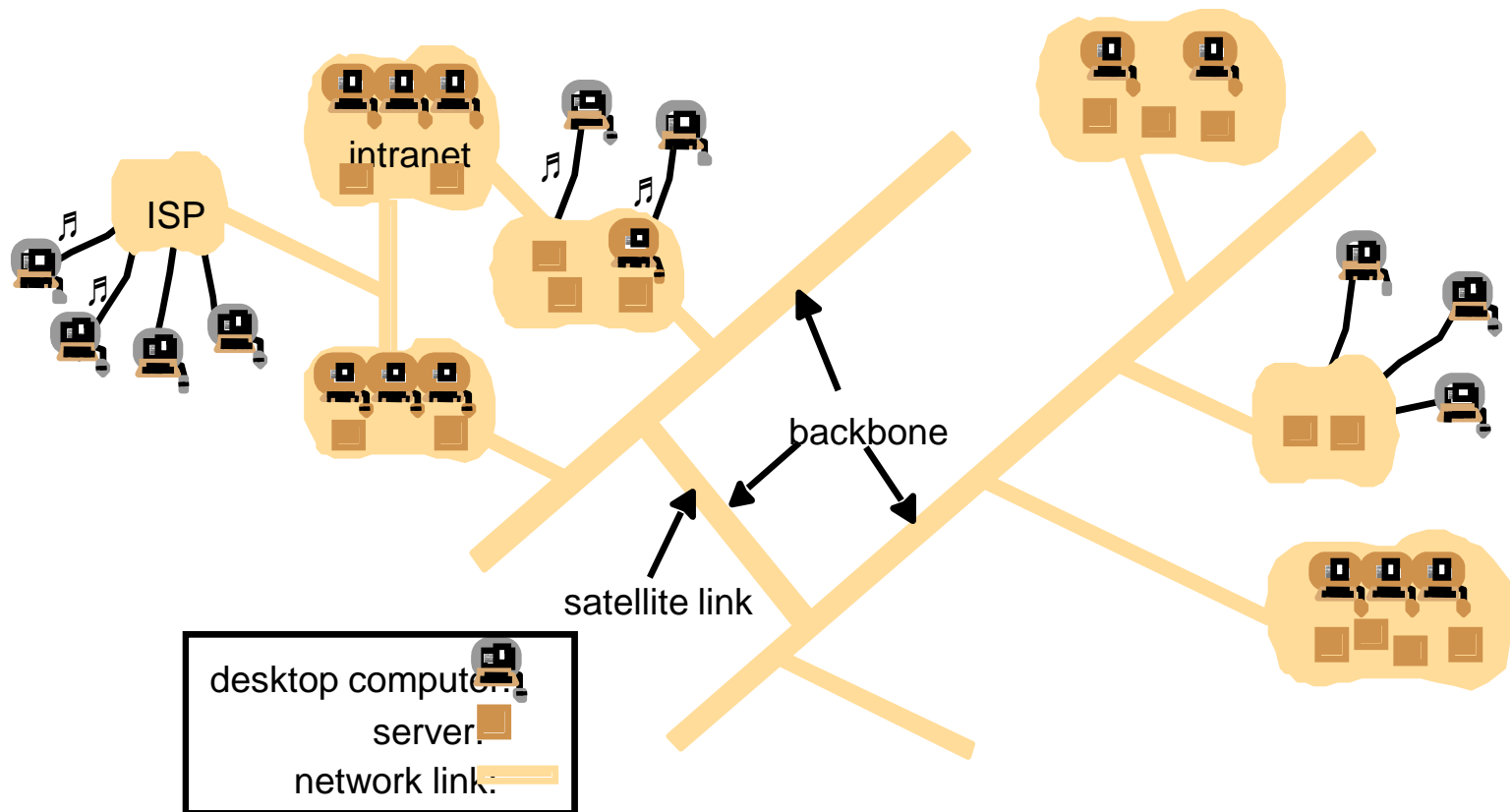
Examples

- Web Search
- Multi Player Games
- Financial Trading

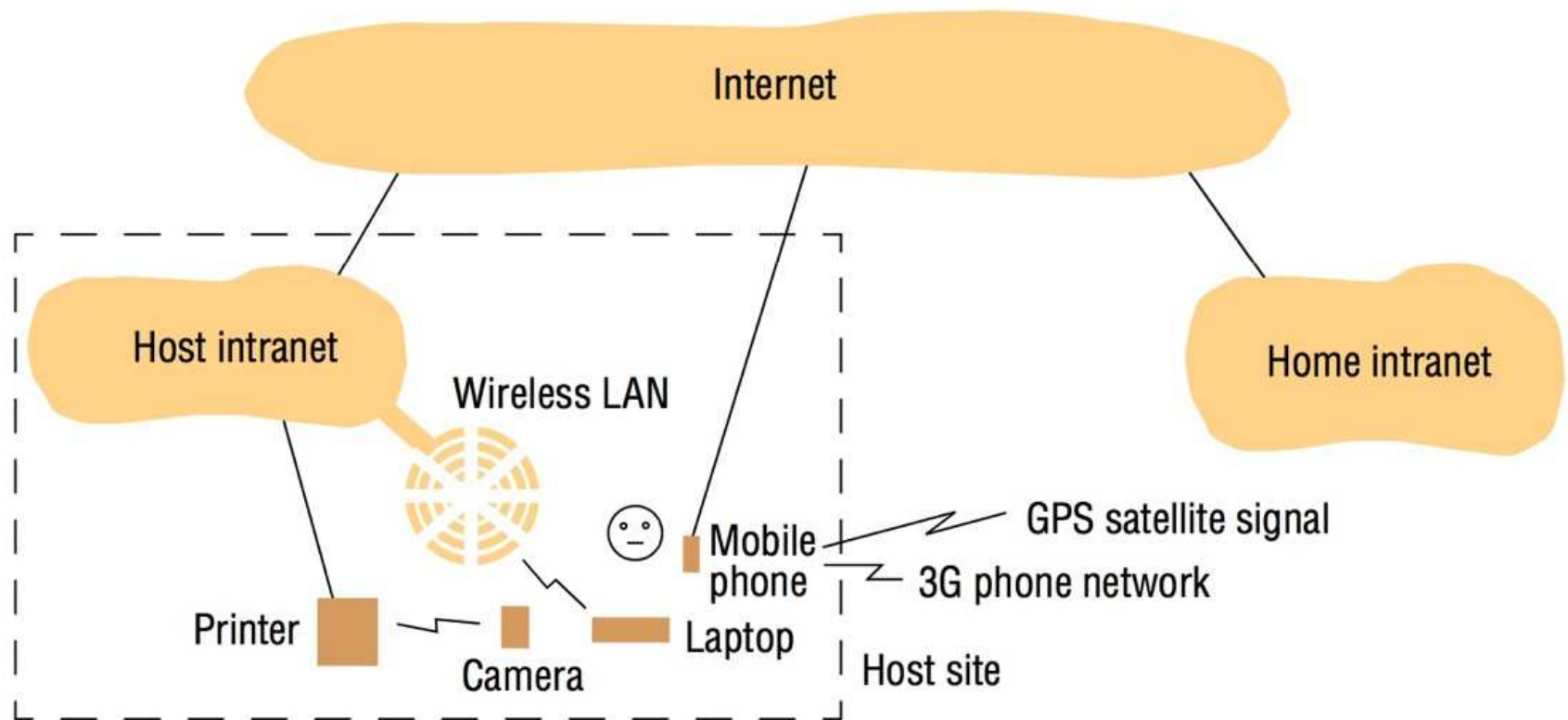


Trends

- Pervasive Networking



Mobile and Pervasive Computing



Trends..

- Distributed Multimedia Systems
- Distributed Computing as a utility

