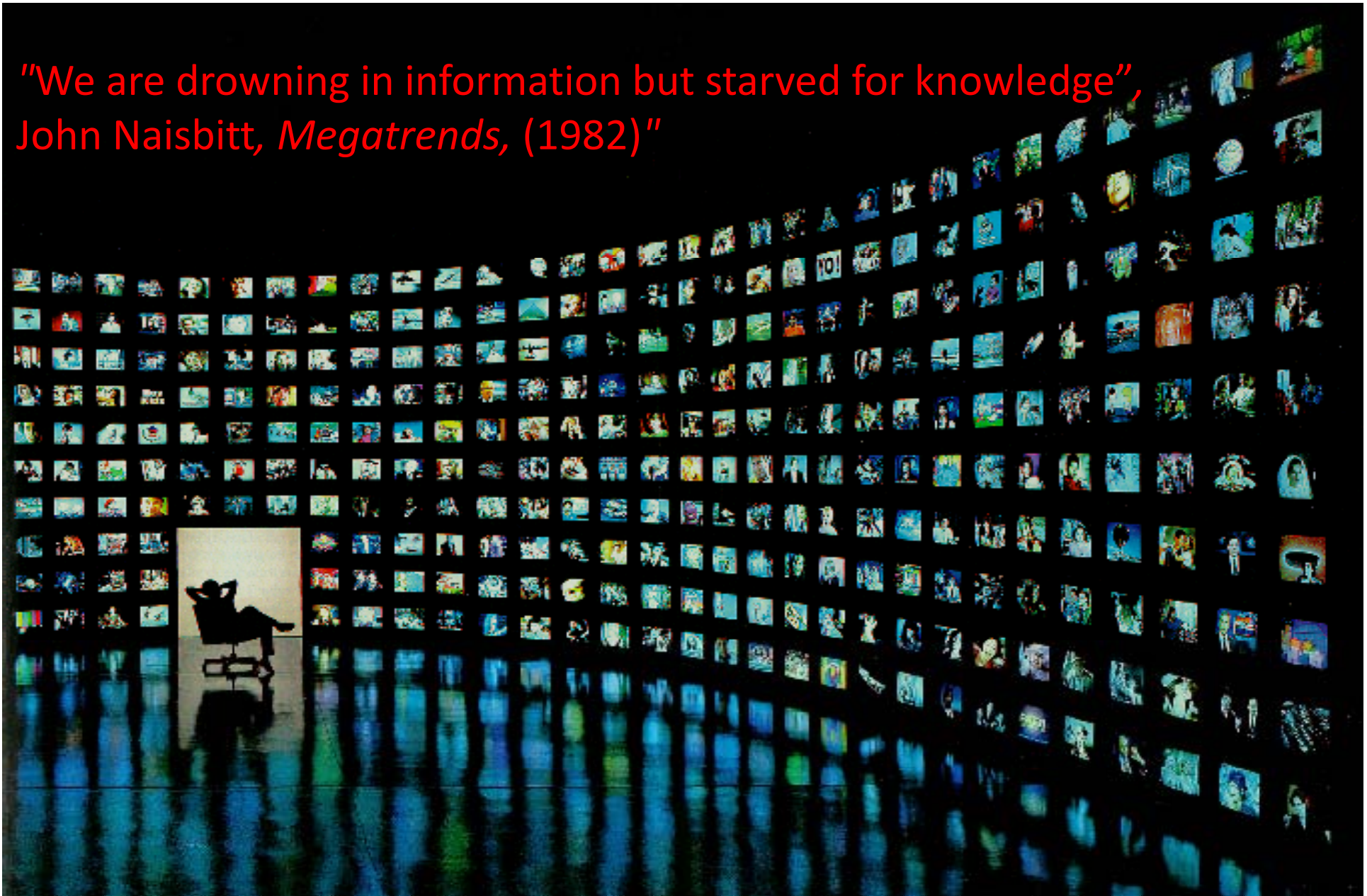


Whiteboard architecture

Information fusion Infrastructure



"We are drowning in information but starved for knowledge",
John Naisbitt, *Megatrends*, (1982)"



 **infusion**

IN PARTNERSHIP WITH THE

Knowledge Foundation <>

6 Oct 2009

Marcus Brohede, University of Skövde

www.infusion.se

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Information Fusion

“Information fusion is the study of efficient methods for automatically or semi-automatically **transforming** information from different sources and different points in time into a **representation** that provides effective **support** for human or automated **decision** making.”

Boström et al., 2007



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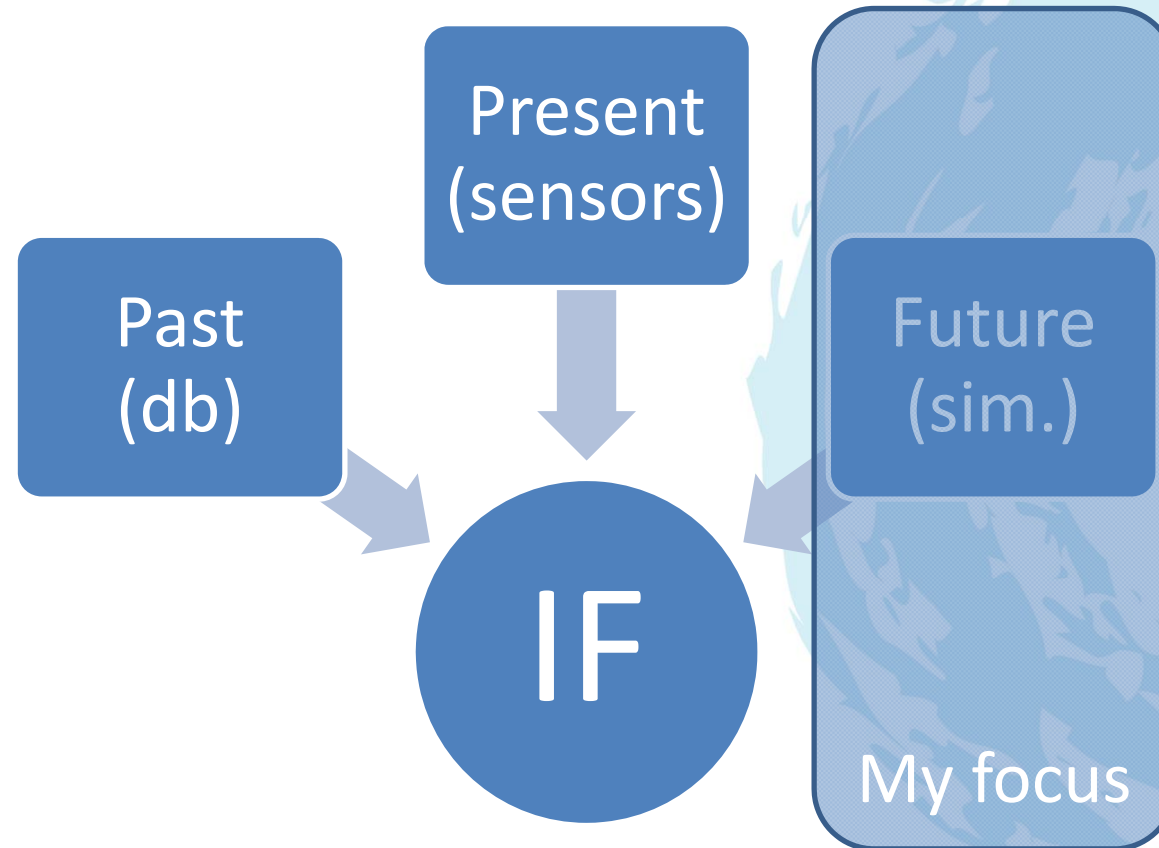
Knowledge Foundation



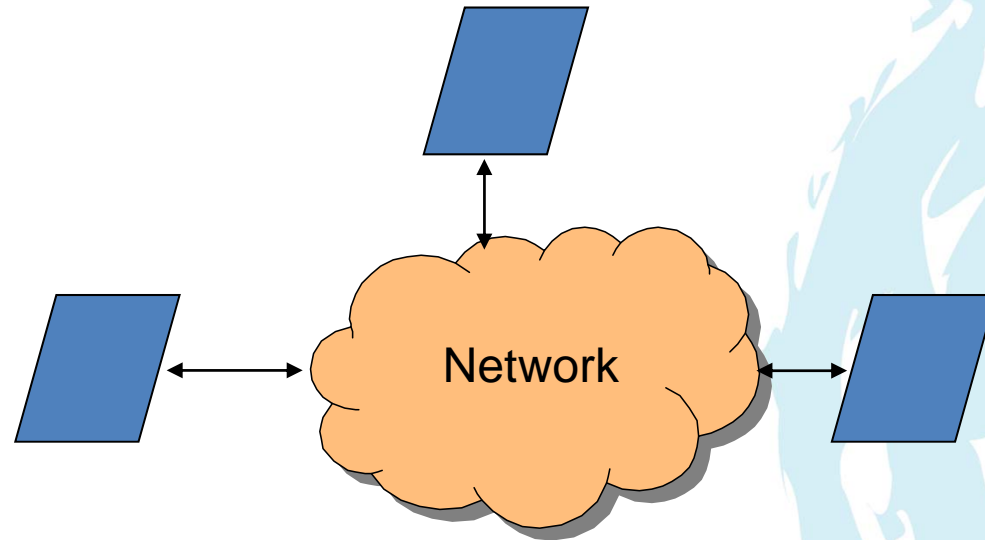
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The parts of Information Fusion



DeeDS architecture

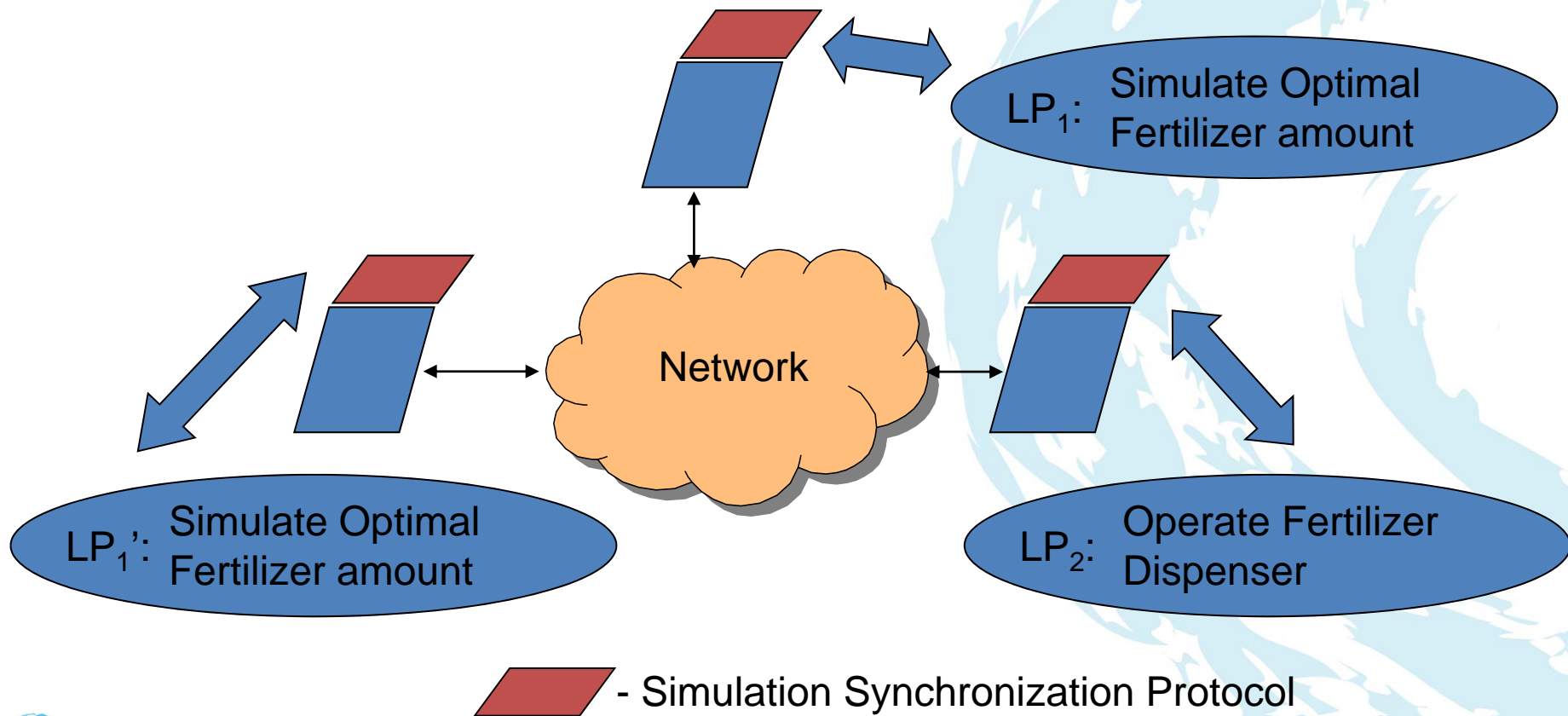


Example with 3 database nodes

- *Fully replicated*
- *Eventually consistent replicas*
- *Main memory*
- *Active functionality*
- *Communication*



Simulation DeeDS



Thank you for your attention

Details on algorithms and results check out:

<http://www.infofusion.se>