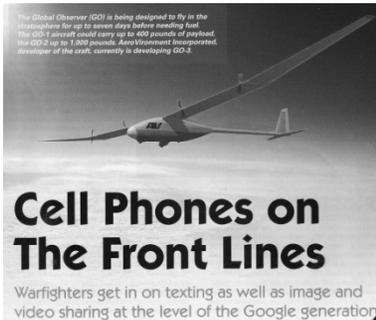


Ubiquitous Information Flow and Forward Analysis



Problem Statement:

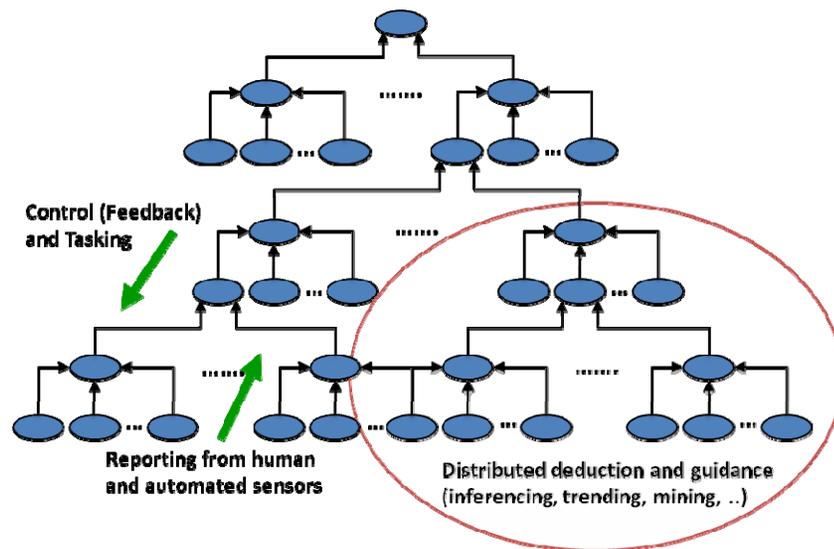
- “Commanders are unable to get the information they need... By contrast, information flows freely among Iraq's insurgents. Although they lack the sophisticated equipment the United States takes to war, they have cell phones, video cameras, Internet access and e-mail. And that's enough to make them highly adaptable foes...” (Lt. Gen. Chiarelli)

Technical Approach:

- A way to send commands to data
 - Distributed Actuation
- Enabler for Forward Analysis
 - Estimating when the Information has Value
- A way to compute, coordinate, and adapt at the edge of the network (KAUAI)

Benefit:

- Information processing at the network's edge is critical and is feasible



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