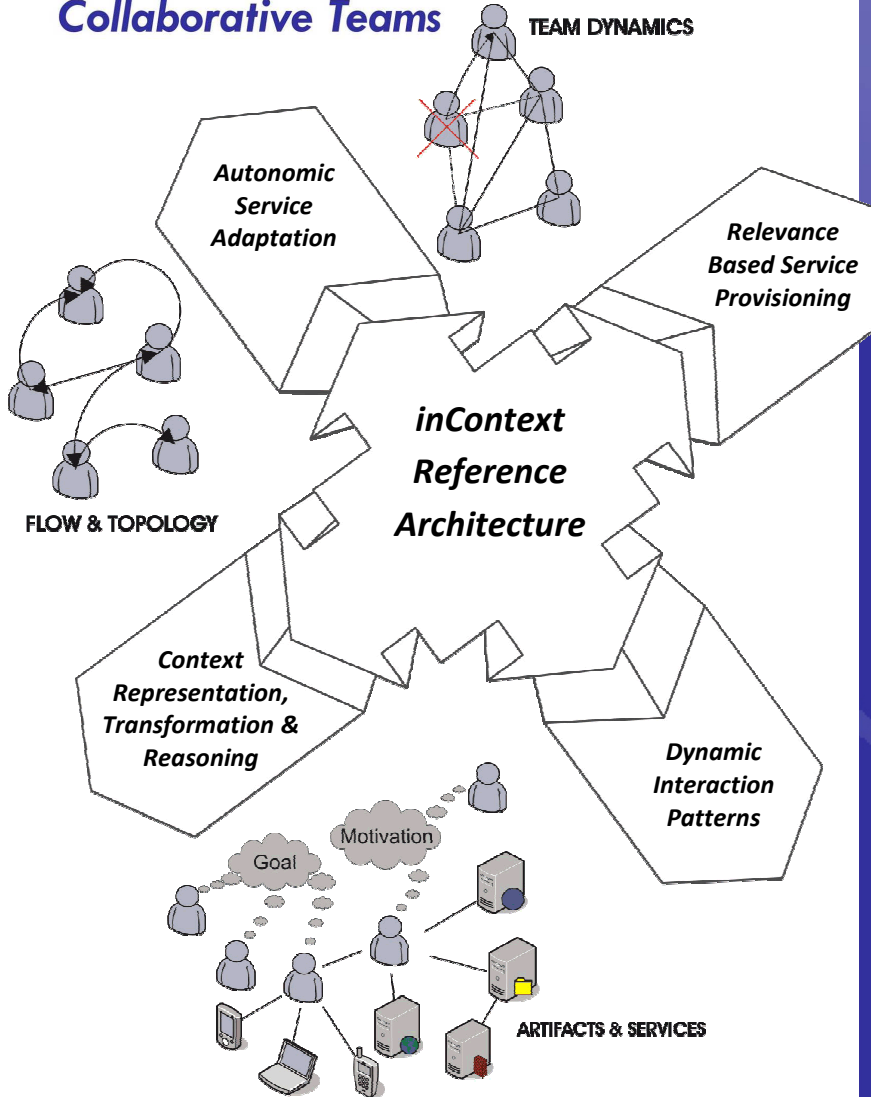




**inContext**  
Unleash Team Power

## Interaction and Context Based Technologies for Collaborative Teams

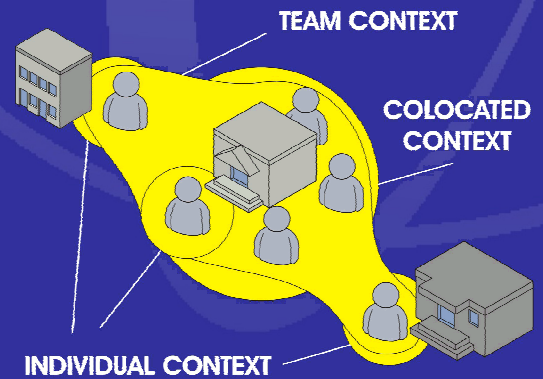


### Project Motivation

Knowledge workers are increasingly engaged in various projects at the same time requiring flexible collaboration. New team forms emerge that feature dynamic interaction patterns currently unsupported by existing software services.

Teams of virtual, nimble, or mobile/nomadic kind evolve and merge to reflect the vibrant nature of human interaction.

To enable efficient collaboration amongst team members and effective participation of individuals in multiple teams at the same time, collaboration environments need to exhibit capabilities for large-scale interaction, peer-to-peer communication, and loose coupling in a trusted serviced-oriented way.

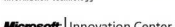


### Contributions

inContext's contribution is twofold. On the one hand, new techniques and algorithms for mining human-to-human and human-to-service interaction patterns provide the foundation for providing relevant services at the right place and time. On the other hand, a new generation of services no longer merely reacts to changes in a collaborative environment but anticipates transitions and adapts accordingly. To this end, relevance-based context representation models and methods for context-coupling and enrichment allow for autonomic service adaptation and provisioning.

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