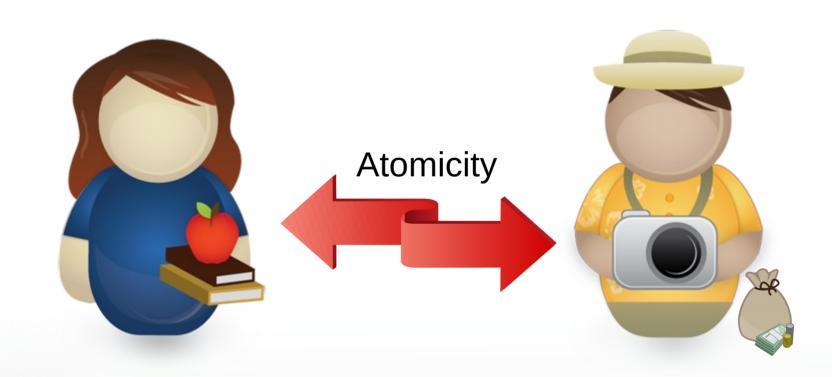


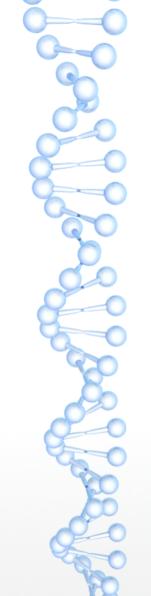
# Interplanetary Smart City (IPSC)



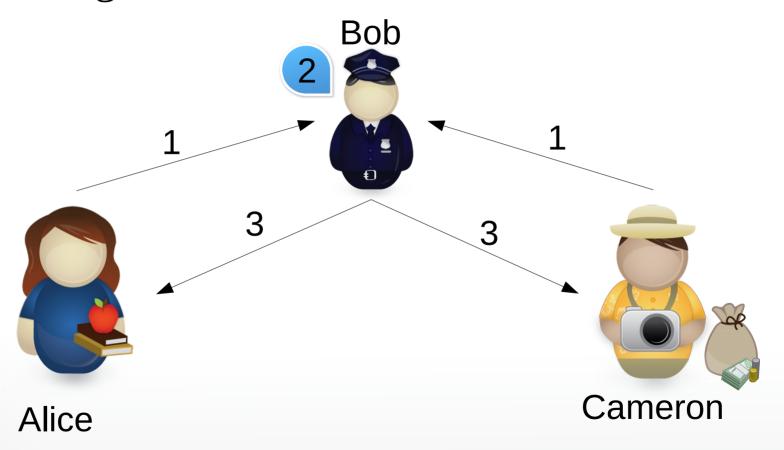


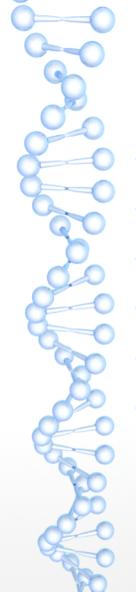
# Physical Asset Trade





### Digital Asset Trade on the Internet

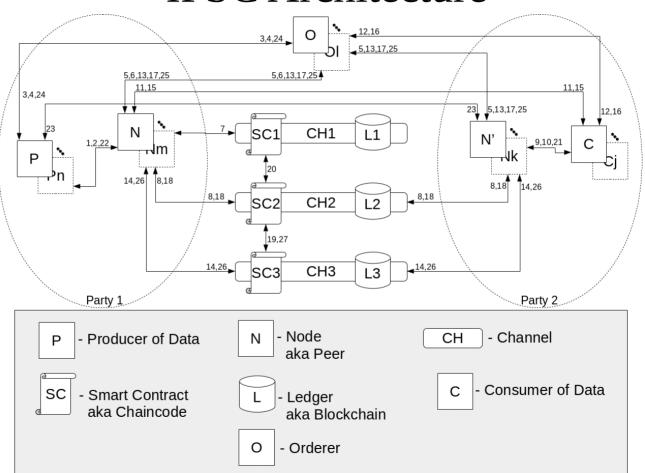


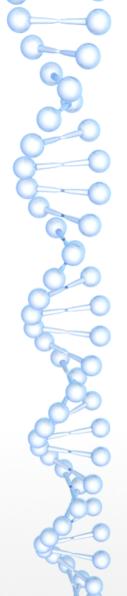


### IPSC Data Exchange Requirements

- Secure strong cryptography
- Robust decentralised
- Scalable P2P and microservices
- Accountable temper prove log
- Space Aware Organisation structures
- No trusted third party private blockchain technology

### **IPSC** Architecture

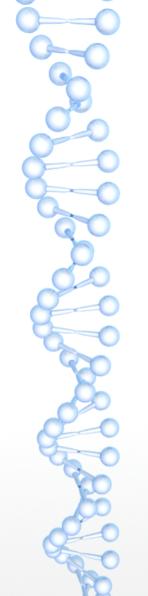




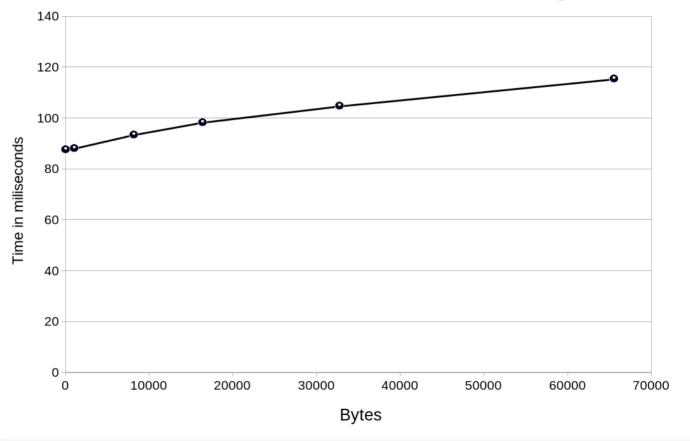
# Game Theoretical Analysis

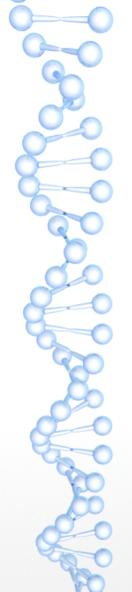
	Party 1 rev	Party1 does not reveal Data			
Party 2	Party 2 \	Party 1	Party 2	\	Party 1
waits	data \	promise of tokens	no data	\	no promise of tokens

	Party 2 releases Tokens			Party 2 does not release Tokens			
Party 1	Party 1	\	Party 2	Party 1	\	Party 2	
waits	tokens available	\	future trade available	no tokens	\	no future trade	



## Statistical Performance Analysis





### **Testing**

- chaincode\_data.go 84.6%
- chaincode\_tokens.go 71.2%
- chaincode\_ad.go 66.3%
- Unit Tests + Scenarios