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Promises of IoT

According to McKinsey Quarterly Report (March 2010)

Tracking Behavior	Enhanced Situational Awareness	Sensor-driven Decision Analytics
Process Optimization	Optimized Resource Consumption	Complex Autonomous Systems

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Challenges to deploying IoT in Industrial Settings

Network availability	Cellular and WiFi access can be unreliable in industrial settings
Legacy	High cost to deploy network solutions and upgrade systems
Power constraints	There are limitations on power and consistent cloud connectivity
Cost	Difficult to gauge ROI on IoT investment without new revenue
Security & Privacy	Security becomes a real risk when adding endpoints to the network
Interoperability	Need to combine data from many components and systems

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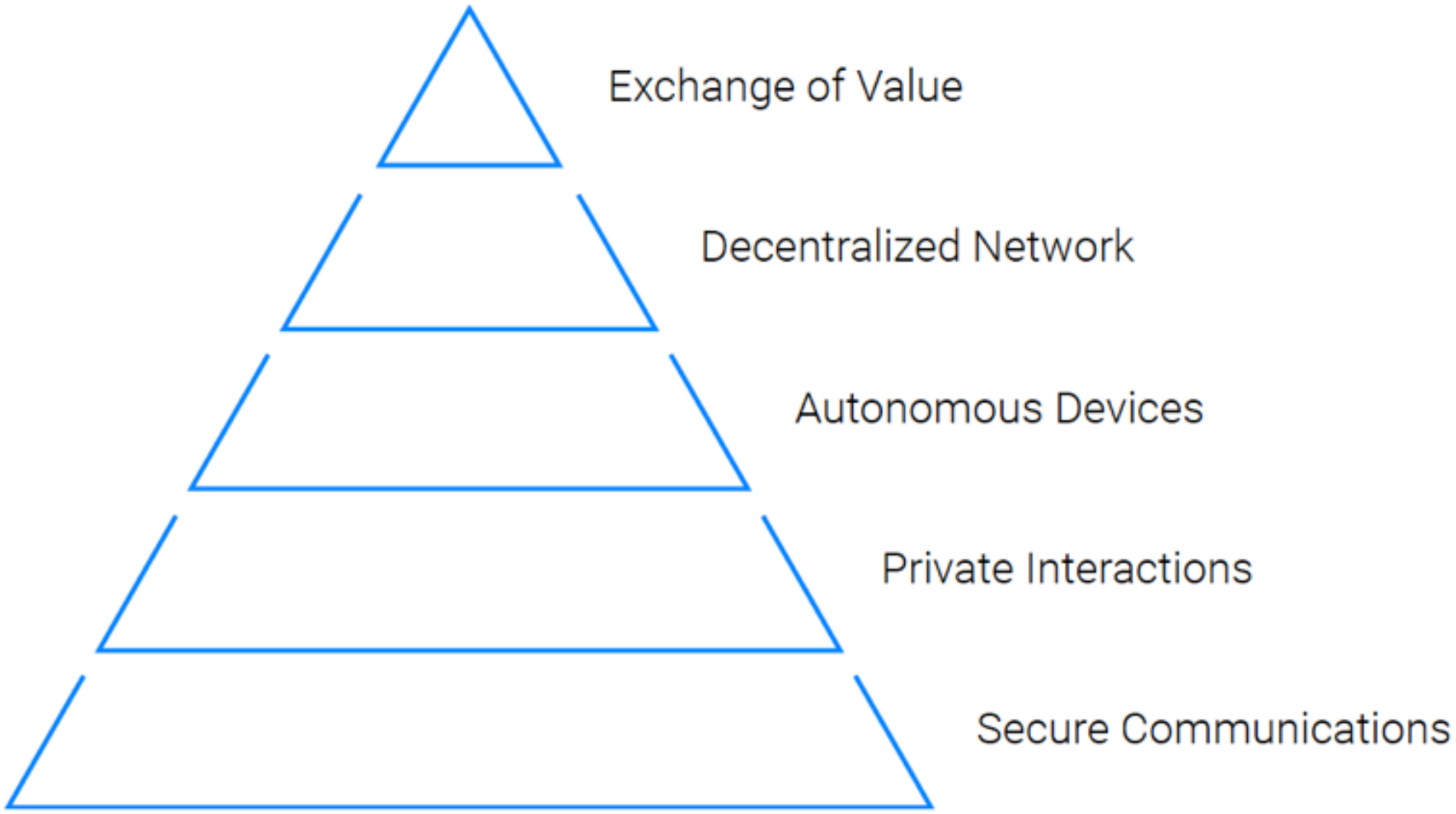

A Decentralized IoT Stack

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Filament offers an integrated hardware and software solution for self-healing wireless mesh networks over long-range radio.

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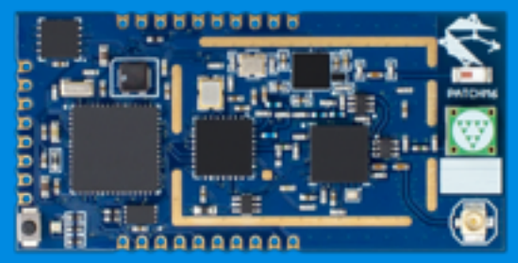
The Tap

The Patch



http://filament.com/technology/

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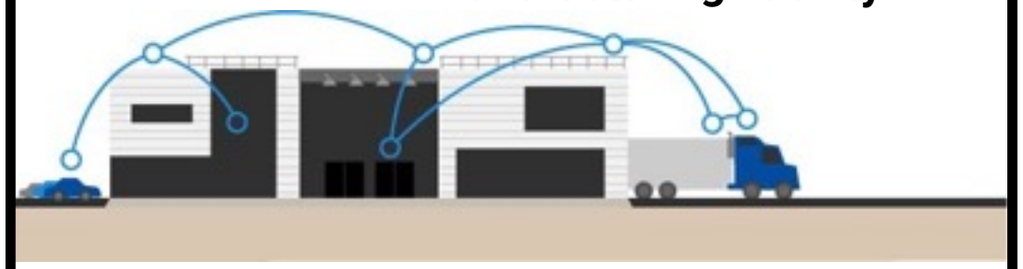
Foundations for the Next Economic Revolution

Distributed Exchange and the Internet of Things

Questions?

Pilots span industrial verticals

Inventory Control Across a Manufacturing Facility



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