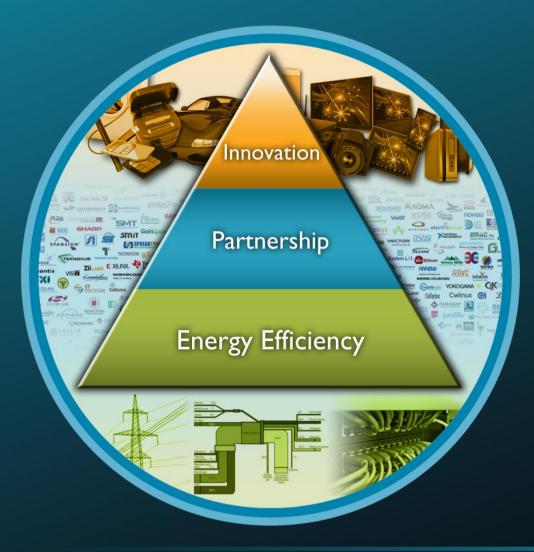


Connected Intelligence: Are we ready?

Keith Clarke VP Embedded Processors Processor Division

Partnership Model Drives Innovation



The Future Will Not Be Like Today

3 Billion

Increase in middle-class consumers in next 20 years

60%

Increase in energy consumption in billions of tons of oil equivalent by 2030



8

Countries with water shortages in next 13 years



Sources:, Mckinsey, OECD



Technology Can Bring Efficiencies









Consumer

Infrastructure

Transportation and Industry Power Generation and Transmission

Data and Services

The Architecture for the Digital World[®] **ARM**[®]

Connected Intelligence



The Architecture for the Digital World® **ARM**®

Emerging Intelligence Everywhere

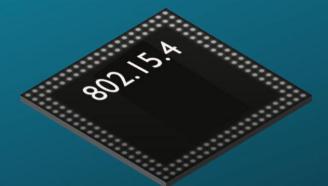






The Architecture for the Digital World[®] **ARM**[®]

The Connectivity Gap



Long Battery Life Low Cost Short Range



Short Battery Life High Cost Long Range

Closing the Gap

Sub-\$2 Radio

10 Year Battery

5 mile range

weightless.org for more details

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Avoiding the Internet of Silos



The Architecture for the Digital World[®] **ARM**[®]

The IoT Architecture Forum



Internet of Things applications vary hugely, but share common requirements. Establishing conventions for how to meet those common requirements would help all players to mix-and-match components. Each player could then take advantage of an ecosystem a oddie to the other state of the ecosystem and the later would be

Read More

components. Each player could then take advantage of an ecosystem and focus on adding true value rather than reinventing wheels. And the IoT would be free to blossom emergently. Industry Consortium

Addressing:

- Data semantics
- Deployment methodology
- Management
- Edge-to-edge security
- Open discussion
- Delivering Recommendations

www.loTAForum.com

Partnership for a Smarter Future



Changing World

Connected Intelligence

IoT collaboration