Sensor.js

JavaScript Based IOT Device S/W Platform

November2013

TPAC 2013: W3C Technical Plenary / Advisory Committee Meetings

Soonho Lee, Ph.D. / Founder and CEO

010-3128-1483 / soonho.lee@daliworks.co.kr
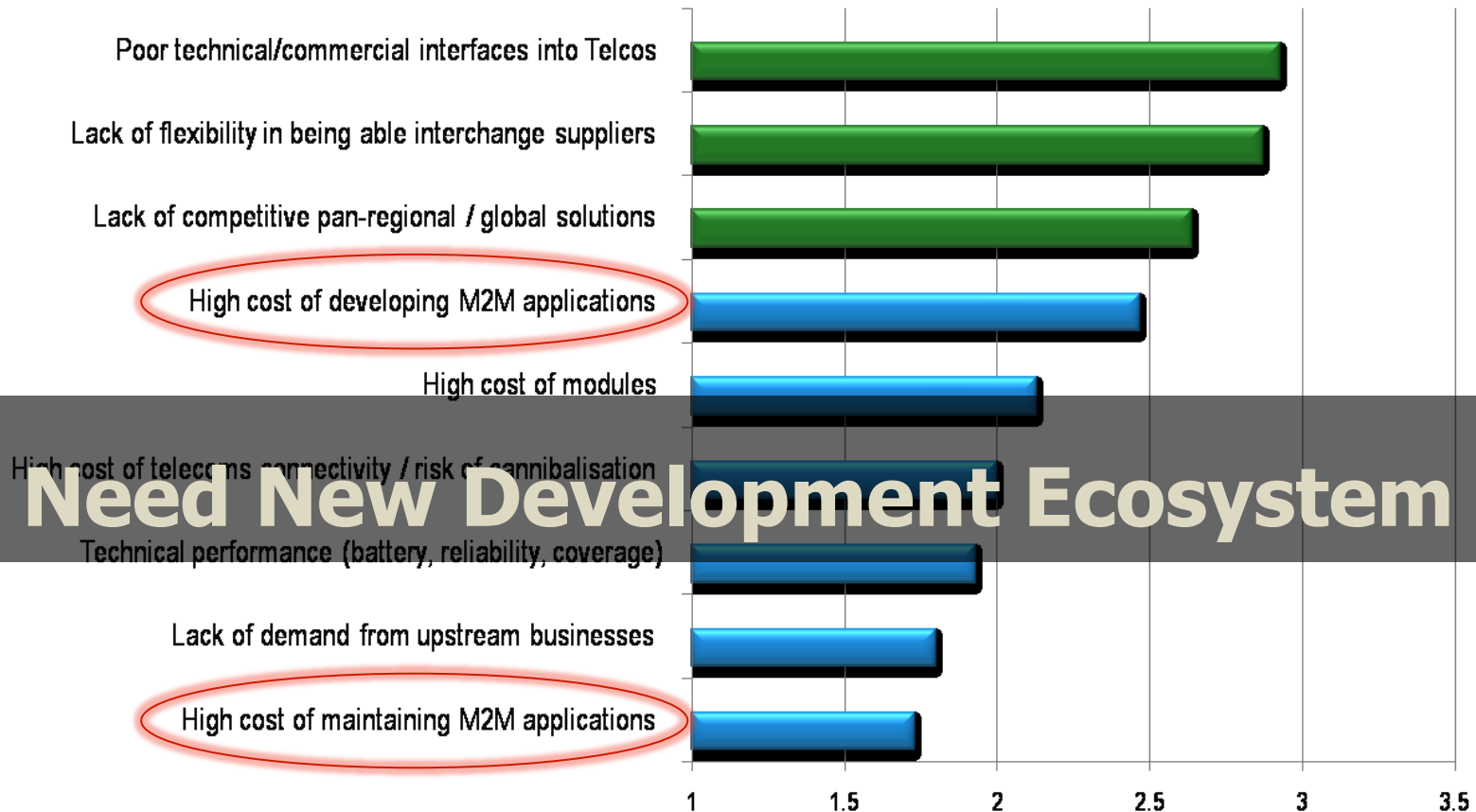
Sunil Bldg. 10F, Toegye-ro 182, Jung-gu, Seoul

http://www.daliworks.co.kr

daliworks
a remarkable way

Barriers to M2M Market Growth
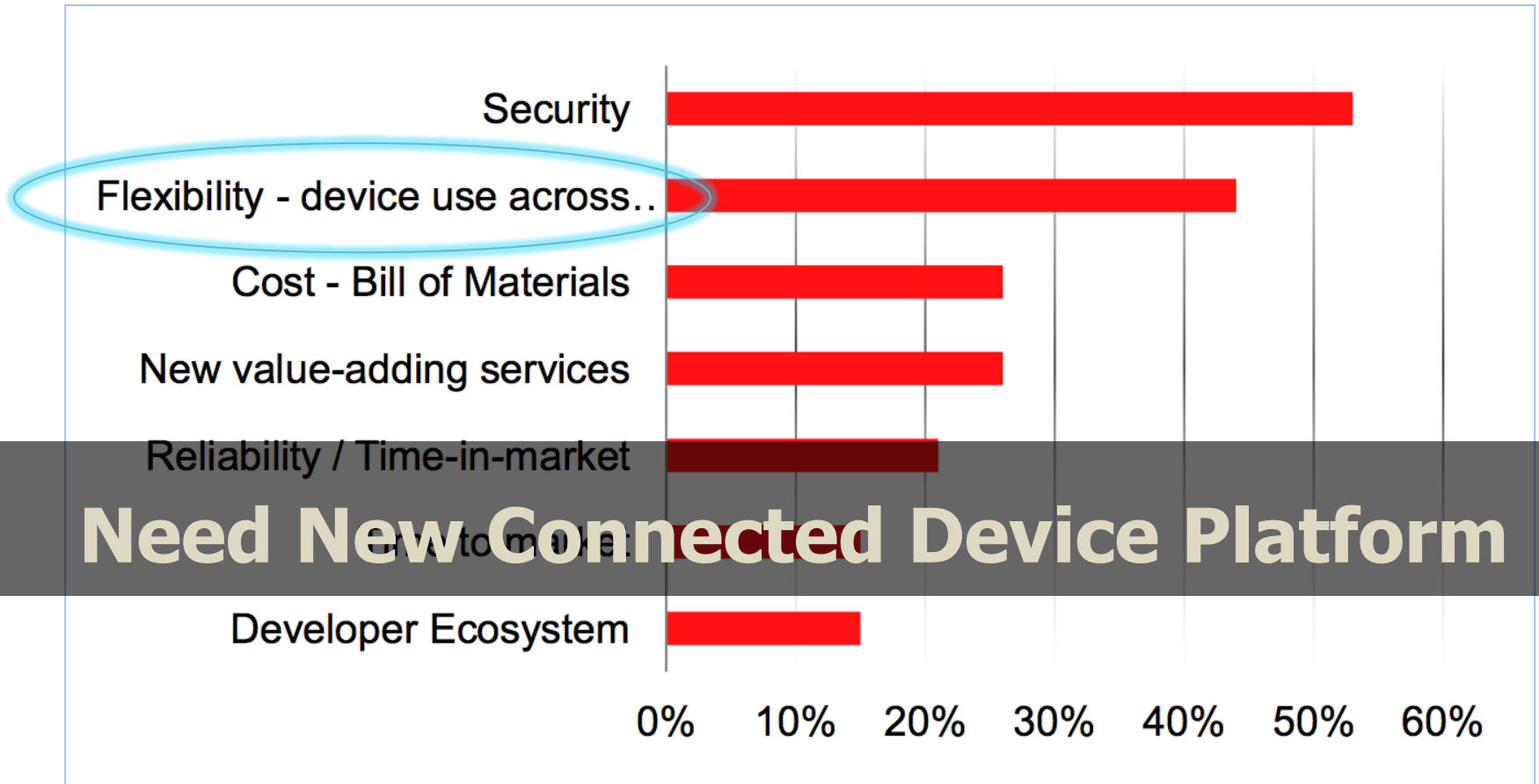
Rate the following barriers to M2M Market Growth (1= not a barrier, 4 = major obstacle)


Need New Development Ecosystem

Requirements for Connected Devices

Chart showing requirements for connected devices (by percentage):
- Security — ~53%
- Flexibility - device use across... — ~44% (circled)
- Cost - Bill of Materials — ~26%
- New value-adding services — ~26%
- Reliability / Time-in-market — ~21%
- Developer Ecosystem — ~15%

Need New Connected Device Platform
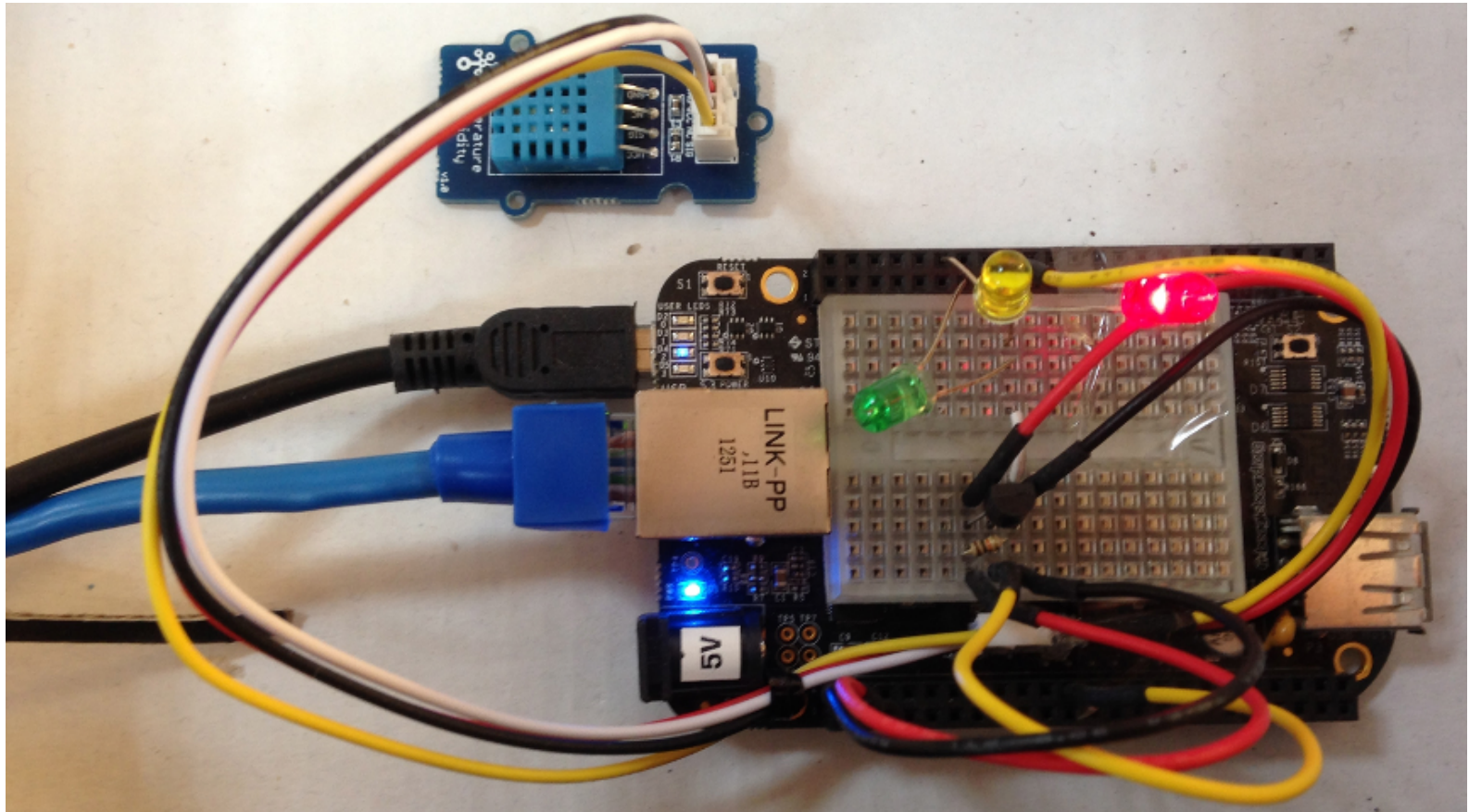
Beecham Research, Issues and Business Opportunities in Security for M2M Solutions

daliworks

New IOT Development Ecosystem
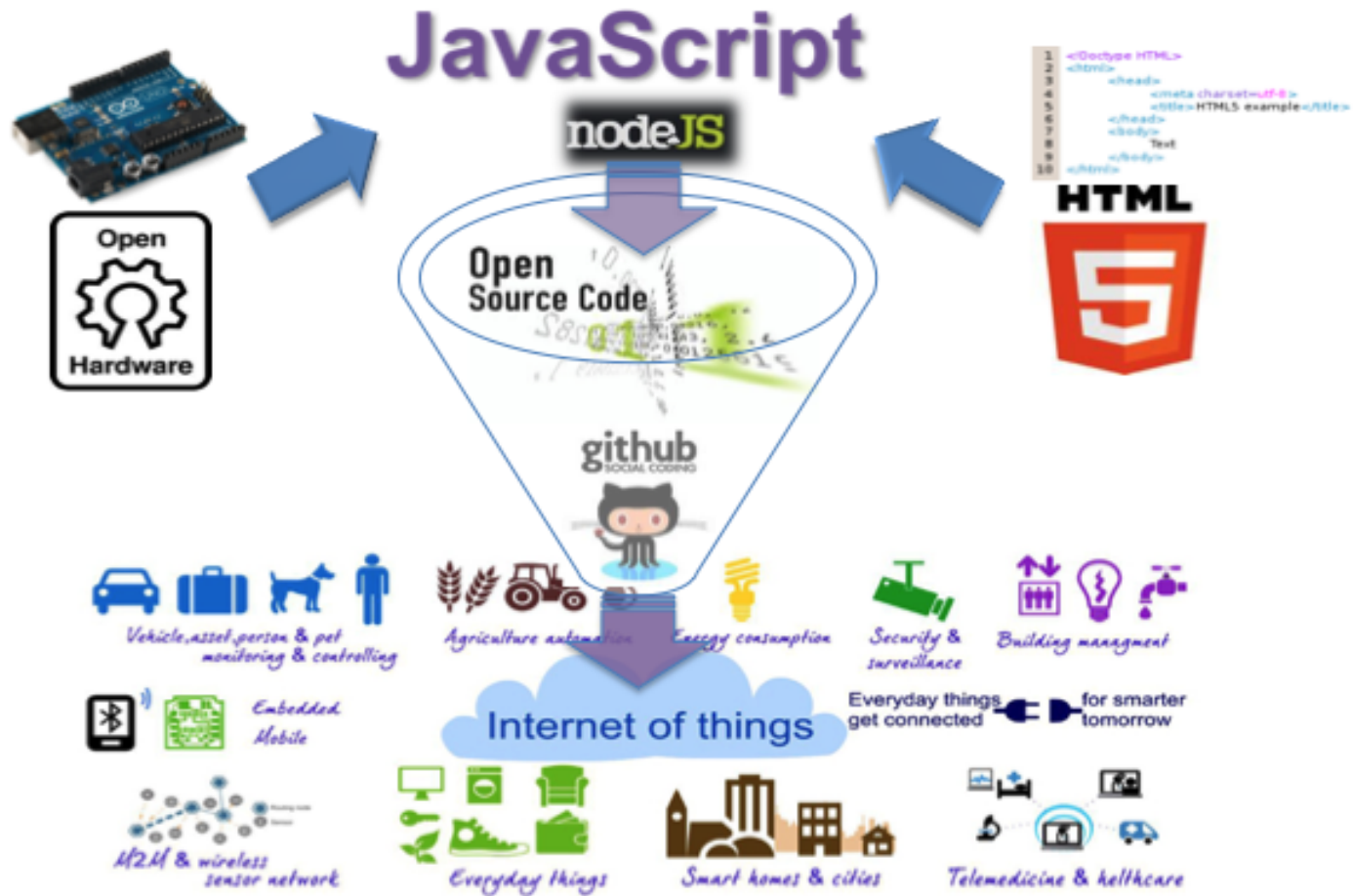
Sensor.js on a Beaglebone Black
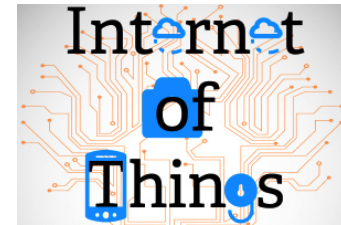
Comparison of IOT Device Platform

IOT Platform	Sensor.js	Mihini
ORACLE®	daliworks	eclipse
Java	**JavaScript**	**Lua Script**
Powerful	Powerful/Easy	Easy
General Purpose	IOT Specific	IOT Specific

Traditional M2M Device Platform

CINTERION WIRELESS MODULES SIERRA WIRELESS™ Telit®

daliworks

Daliworks with Sensor.js

Build an **Internet of Things**

using **Open Hardware**

and **Open Web Technologies**

Demonstration – ColdTrace

Cold Chain Management System

Thank you

daliworks

Daliworks, Inc.

Sunil Bldg. 10F, Toegye-ro 182, Jung-gu, Seoul, 100-866

http://www.daliworks.co.kr