오픈소스가 중요한 이유
[2015년 제1차 창조경제 ICT 융합포럼]

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Big Movement in Products

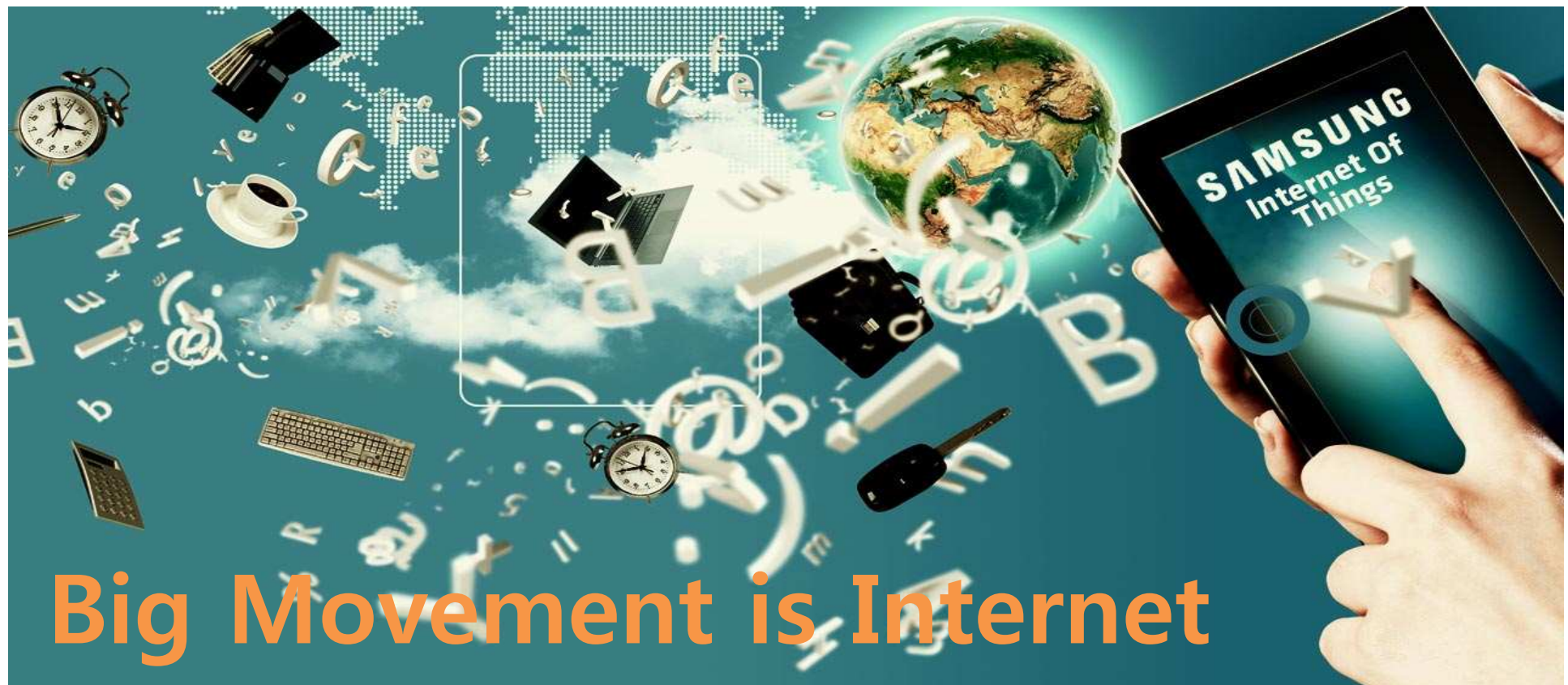| 1970	1980	1990	2000

2015

Big Movement is Internet

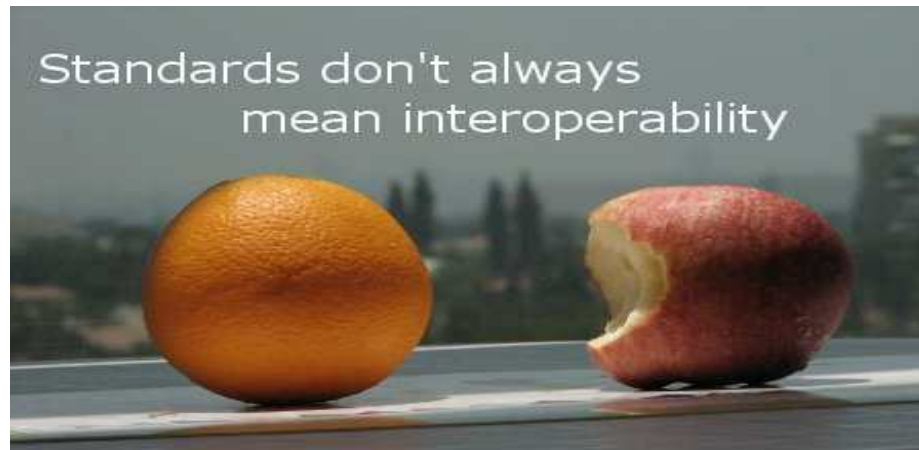**Samsung To Push Internet Of Things: Most Products To Be Web-Connected By 2017**
By: **MARTIN BLANC** @ **BIDNESSETC**

Reason for Standards

- **Interoperability**
- **Collaborative Deployment**
- **Cost Efficiency**

Standards don't always
mean interoperability

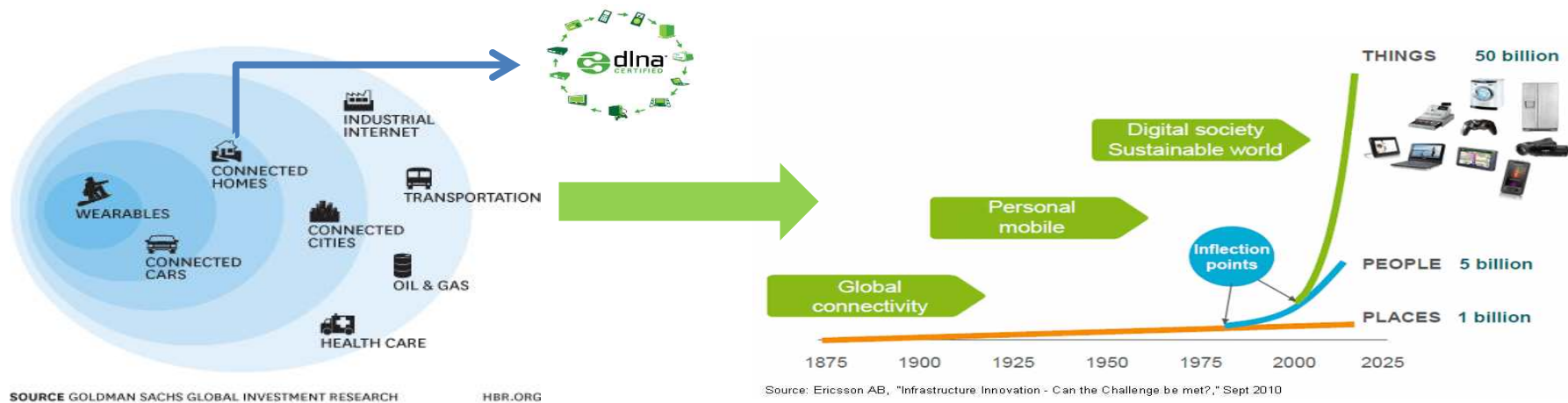**Difference such as, knowledge, circumstance, culture, and all...**

Interoperable Home

Interoperable devices and features are tremendously growing up

100% IoT Products in 2020

Open Collaboration

since IoT does not mean for Samsung product only

Open Interconnect Consortium

OPEN INTERCONNECT CONSORTIUM

CISCO • GE Software • (intel) • MEDIATEK • SAMSUNG

ADT • Atmel • DELL • Eyeball Networks • hp • Honeywell • SIEMENS • acer

cryptosoft everything secured • ActnerLAB • ALLION ENGINEERING SERVICES • AEPONA • CableLabs • cādence • VESTEL • VMC

InFocus • Dt&C • ENEA • ETRI • EXO U • GCR Global Channel Resources • gluu

METAGO • IIOT. • FLEXTRONICS LAB IX • laplink connect your world • lenovo • MASHERY • McAfee An Intel Company

roost • NewAer • nitero • OSS Nokalva • rti • REALTEK • remo SOFTWARE

wigwag • SAMSUNG ELECTRO-MECHANICS • SILEGO TECHNOLOGY • SmartThings • Swiftlet • thug | researchdesignbuild • UL • NIA 한국정보화진흥원

WIND RIVER • WORKS SYSTEMS • ZULA • fuse • TTA • MIT KIT INTERNET TRUST • 숭실대학교 Soongsil University

INITIATIVE EEBUS • industrial internet CONSORTIUM

OIC: www.openinterconnect.org
IoTivity: www.iotivity.org

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Open Source is only critical for IoT ?

X Windows, Wayland, Cairo,
EFL for UI & Graphics
Gstreamer, PulseAudio, OpenAL for Multimedia
Connman, Bluez, libsoup, wpa_supplicant for Connectivity
WebKit2 for Web
SMACK & OpenSSL for Security
Dbus, glibc for Base
Sqlite for Database & PIM
Linux for OS Kernel
Eclipse for Tizen SDK
QEMU, U-Boot for Target Emulator
GCC, llvm, cmake, gbs for build

"About 85% of software at Sony Mobile Communications AB is open source".

8,200 individual members representing 1,000 organizations

The Rise of Open Source: Linux and OpenStack
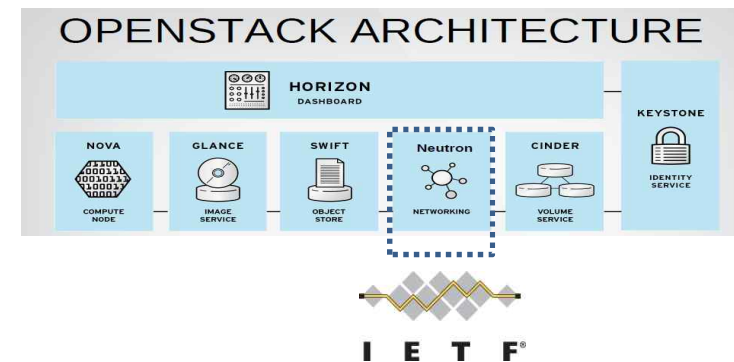
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Why are companies increasing Open Source

Direct Product Innovation:
Billions of dollars of free software harnessed to create products and services

Faster Time-to-Market:
Business aligned with upstream open source projects enables faster time to market

Better Hiring:
Organizations with strong external R&D attract top software talent

Key Success factors for Open Source

Fairness:

Contribution-base opportunities in community

Business Opportunity:

Most of contributors aim to make a value not just fun

Clearer License & IP Policy:

Fast and wide adaption in the market without any concerns

Friendly Image and Open Culture to Company

5 ways to make money with open source
– Aaron Weiss

Sell Support Contracts

Sell Value-Added Enhancements

Sell Documentation

Sell Binaries

Sell Your Expertise as a Consultant

Open Source Division is being at the heart of Companies Software Development.