



the IoT Platform for Easy Device Interoperability

一个为了简化与设备交互过程而设计的物联网平台

Dr. Luc JULIA

VP of Innovation
Samsung Electronics

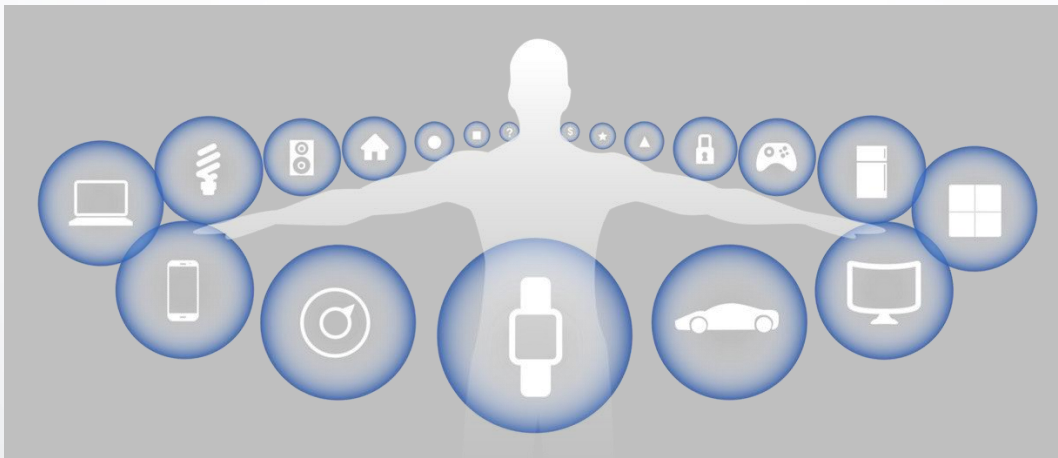


More and more devices
Applications and Services
to make my Life **SIMPLER**

The Problem

The Solution

It's all about DATA



Collecting



Transporting



Understanding



Any Data, Any Device
Real time or Historical
Discrete or Continuous
Today and Tomorrow



Agnostic

Any Protocol

3G, WiFi, Z-Wave, BLE, etc...

Where to? **INTERNET** of Things



Diverse Data all in One Place
Opportunity for cross Silo Fertilization
Big Data Becomes SMALL DATA

Applications and Services Deliver Insights
MAGIC Happens



Open, Cloud Based Data Exchange Platform
Eases Development for IoT Applications and Services

SCALABLE, ROBUST... FAST



Agile Methodology

Automated

Can support billions of devices

INSTANT processing

Latest technologies





Docker
@docker



Great post in [#DockerWeekly](#): [#Containers](#) for [#IoT](#)-scale Workloads by Niranjan from [@samsungsamiiio's #DevOps](#) - [blog.samsungsami.io/data/a](#)



Microsoft IT Pro
@MS_ITPro



Avoid the common pitfalls of config management tools-- containers for IOT-scale workloads by [@samsungsamiiio](#): [msft.it/6018BEpSO](#)



DenimGroup
@denimgroup



We are thankful for the [@olegryb](#) & [@SamsungSAMIIIO](#)'s contributions to [@ThreadFix](#)!



Chris Aniszczyk
@cra



interesting to see Samsung adopt [@ApacheMesos](#) in some areas cc: [@ibrahimatlinux](#) :)



Apache Mesos
@ApacheMesos



From the Samsung Samiio blog: "about a month ago we moved our SAMI platform to run on [#Mesos](#) and Docker." [blog.samsungsami.io/data/architect...](#)

Samsung SAMIIIO



LIVE DEMO!



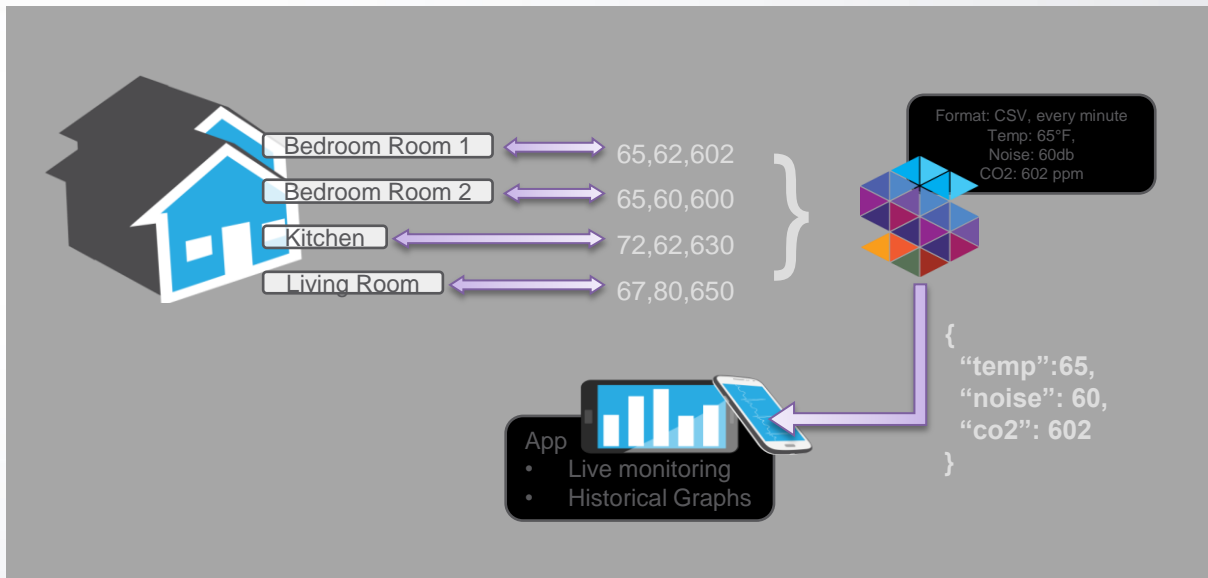
Stores and Secures the Data
Samsung Doesn't own the Data...
User Controls Access

Sending Data

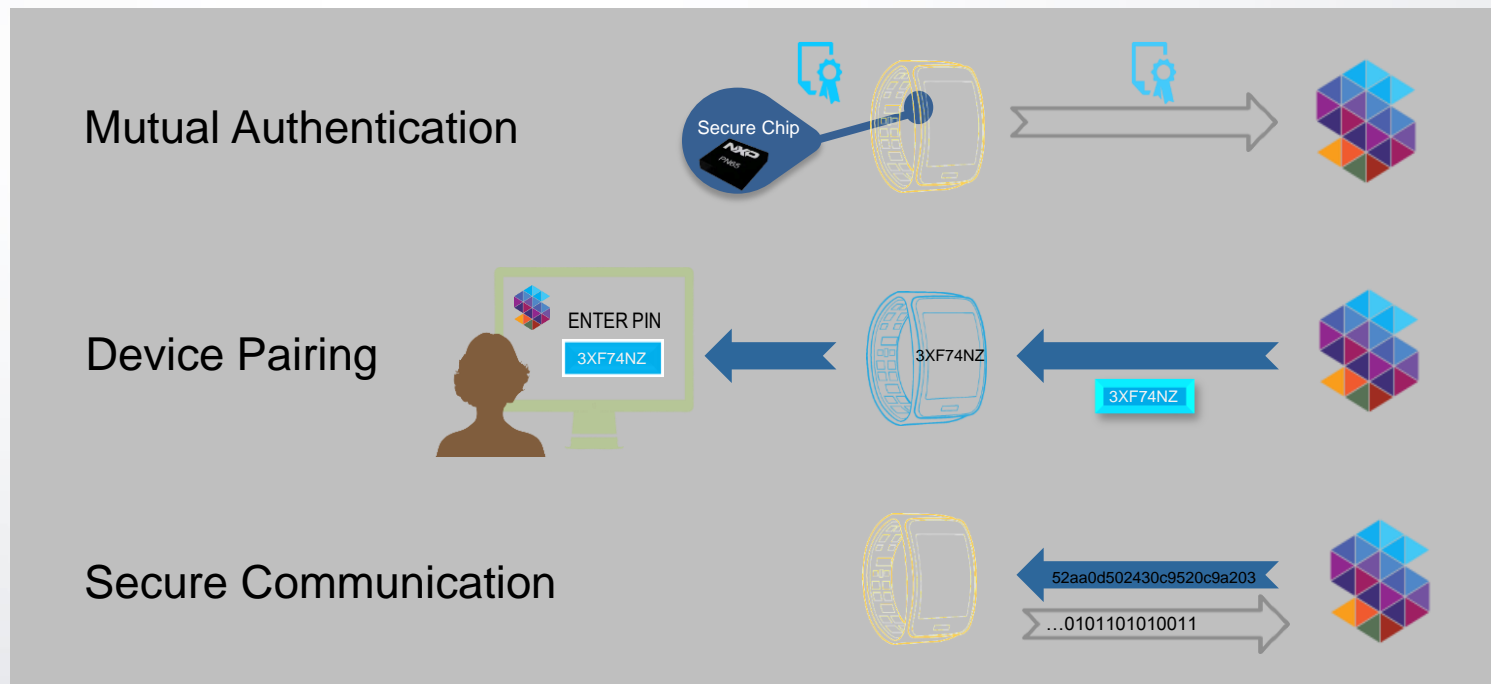
Reading Data

Querying Data Models

Managing All Entities in the Platform



Open API - SECURE DEVICE PAIRING



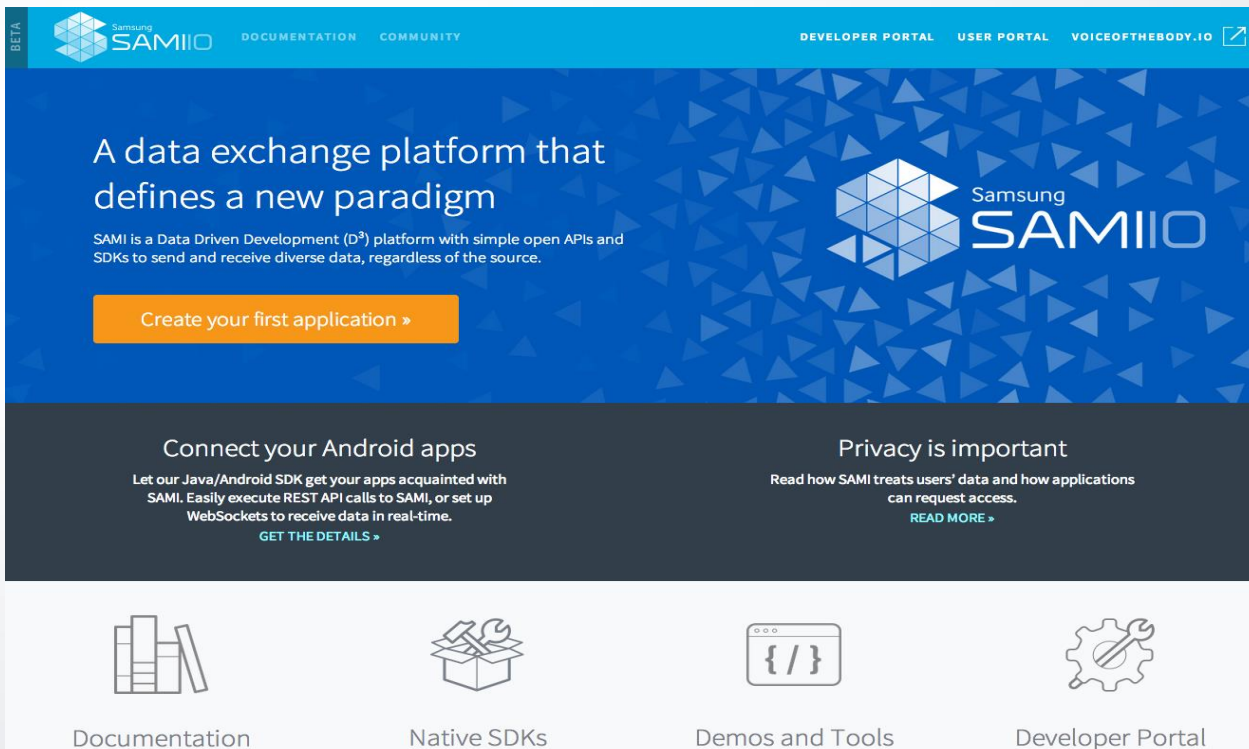


Create 3rd party apps and services

OS Agnostic, Multiple SDKS

VERSATILE TOOLS - Visualization, Control, Testing

DO IT YOURSELF - Developer Website



<http://samsungsami.io>