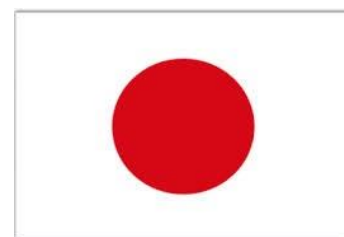


ClouT:

Cloud of Things for Empowering the Citizen

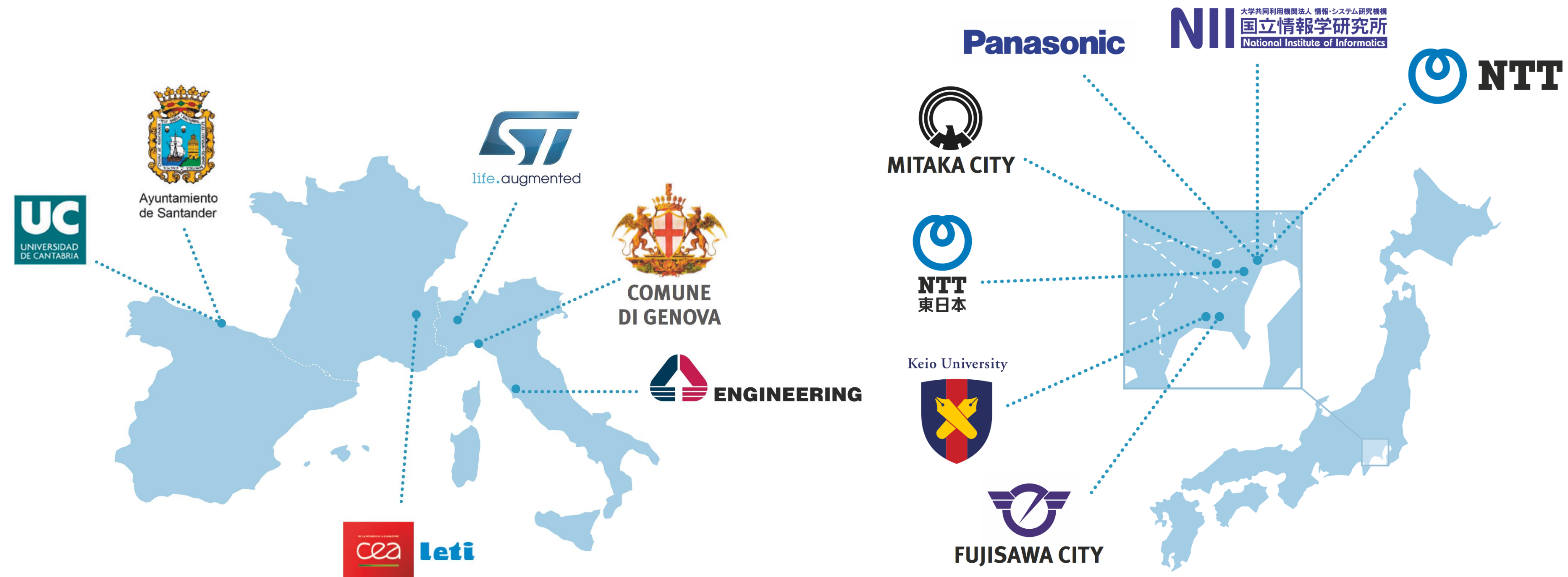
Clout in Smart Cities

Takuro Yonezawa
Keio University, Japan



ClouT:

Cloud of Things for empowering the citizen clout in smart cities



Research center:

CEA-LETI (FR)

University:

Univ. of Cantabria (ES)

Cities:

Santander (ES), Genova (IT)

IoT Provider:

ST Microelectronics (IT)

Service/Cloud Provider :

Engineering (IT)

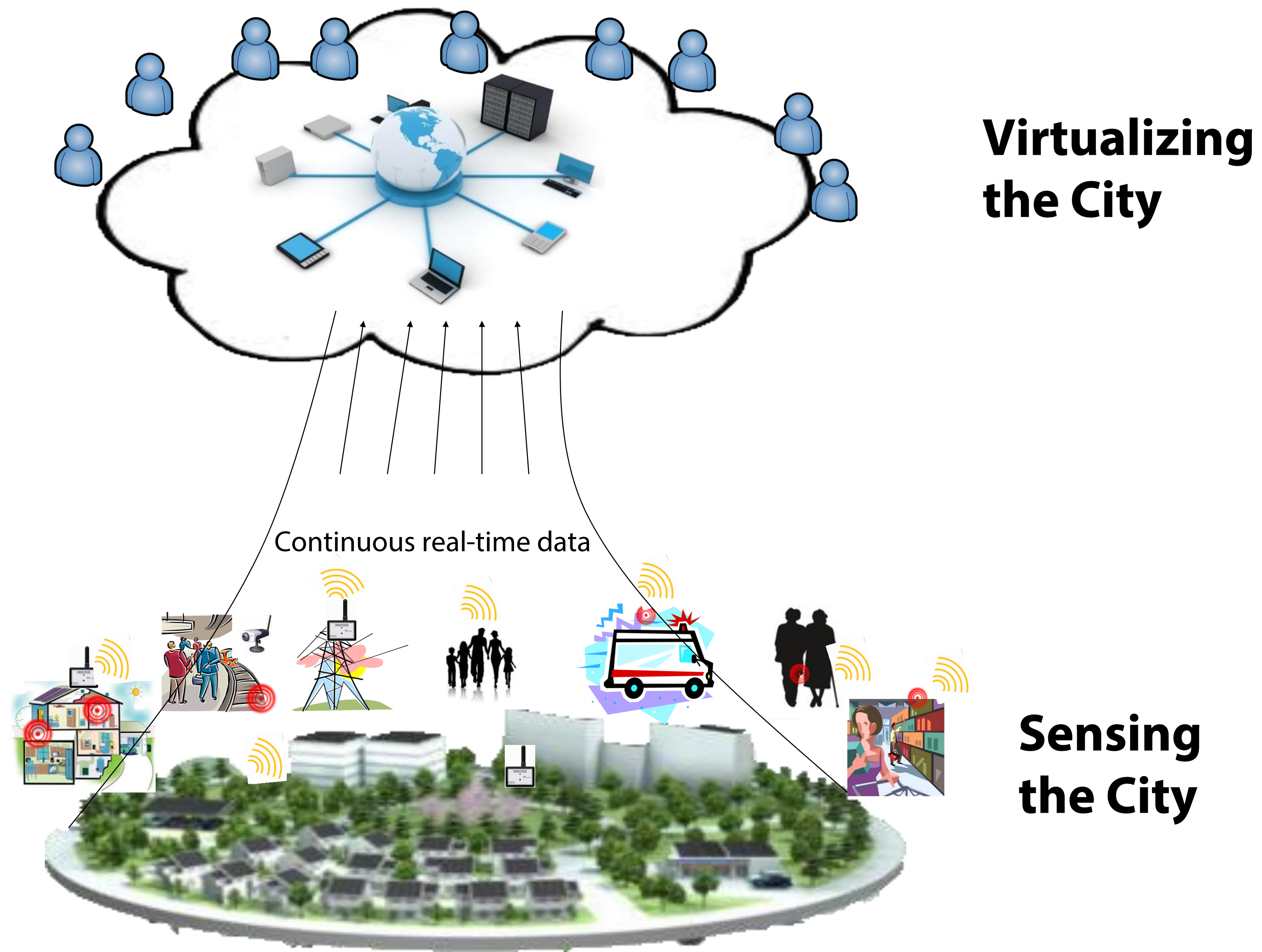
NII (JP)

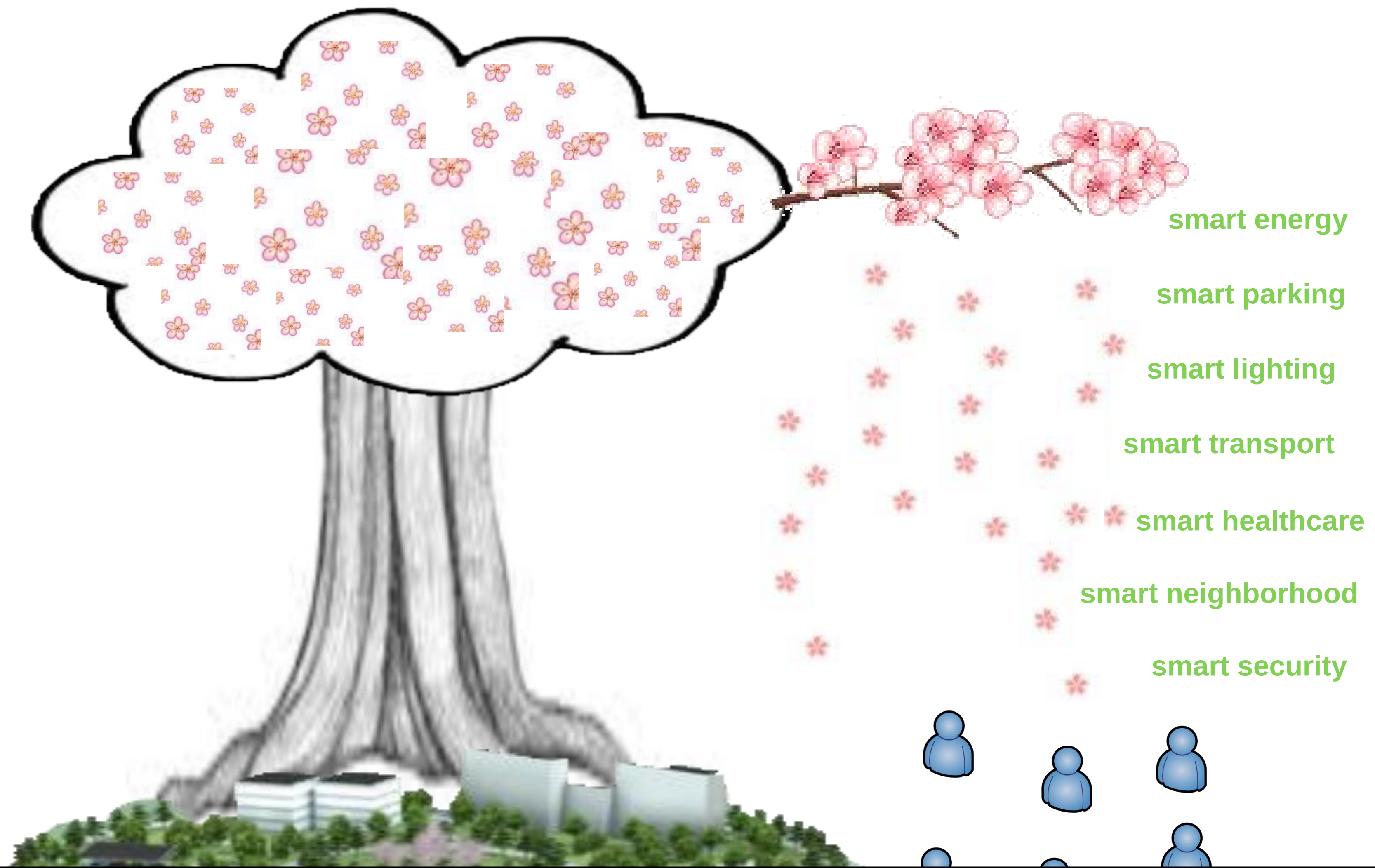
Keio University (JP)

Mitaka, Fujisawa (JP)

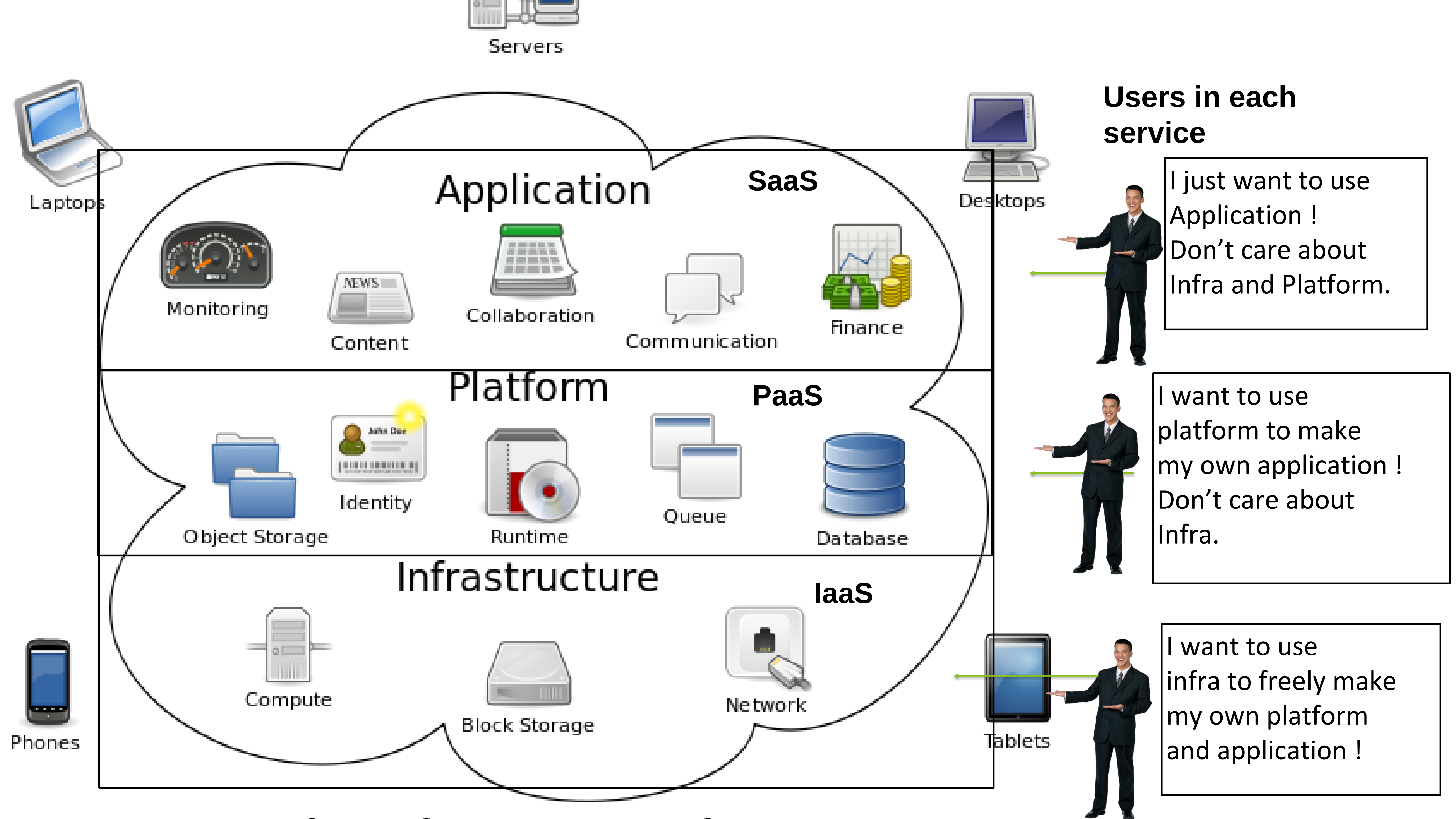
Panasonic (JP)

NTT East and NTT R&D (JP)



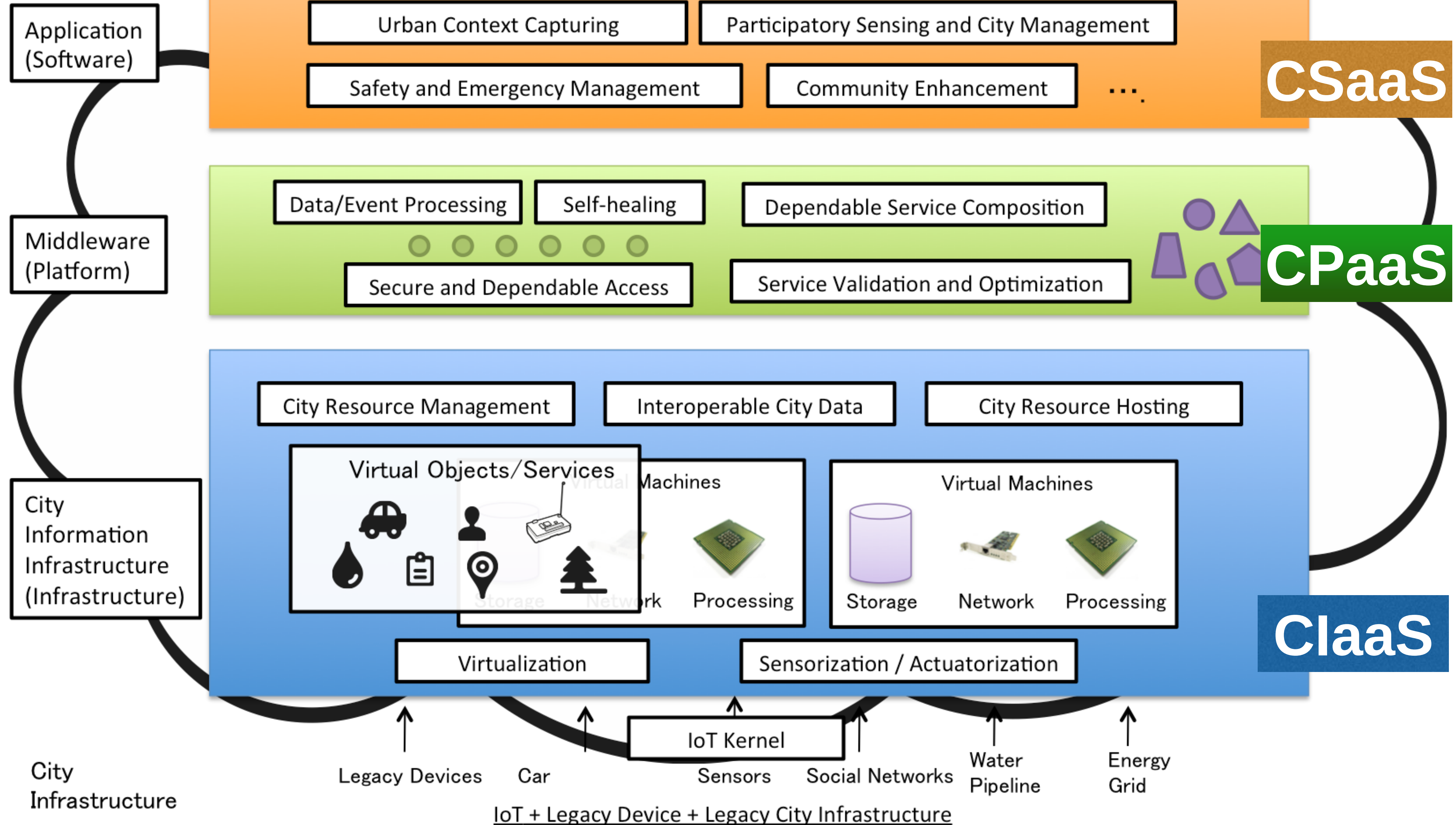


IoT, source of a smart life tree
Cloud, providing its fruits to citizens



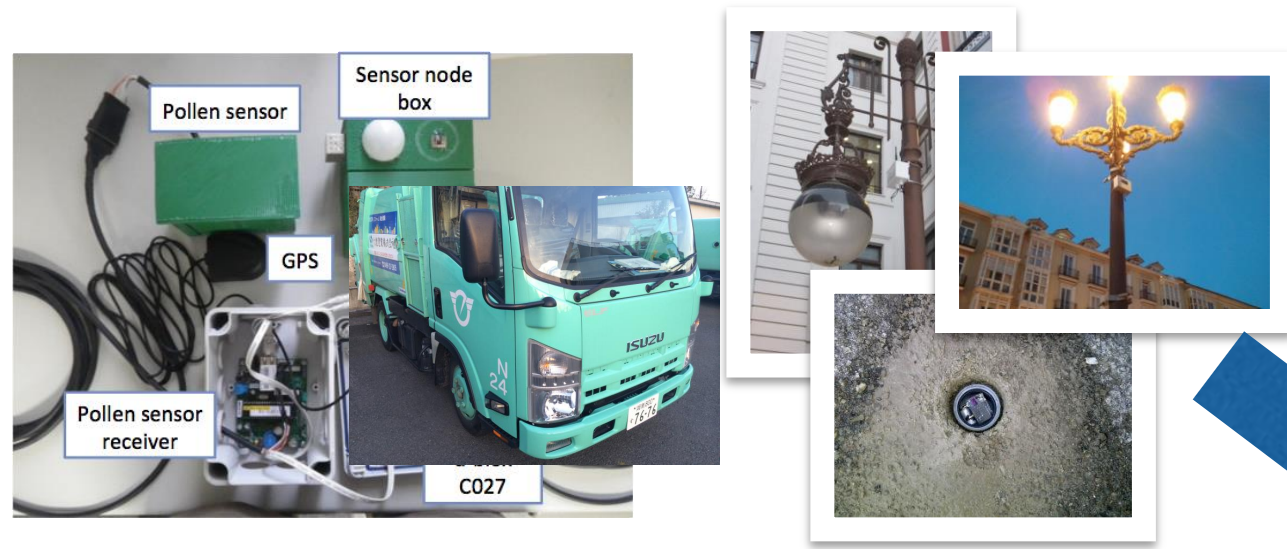
Cloud Computing

ClouT Architecture





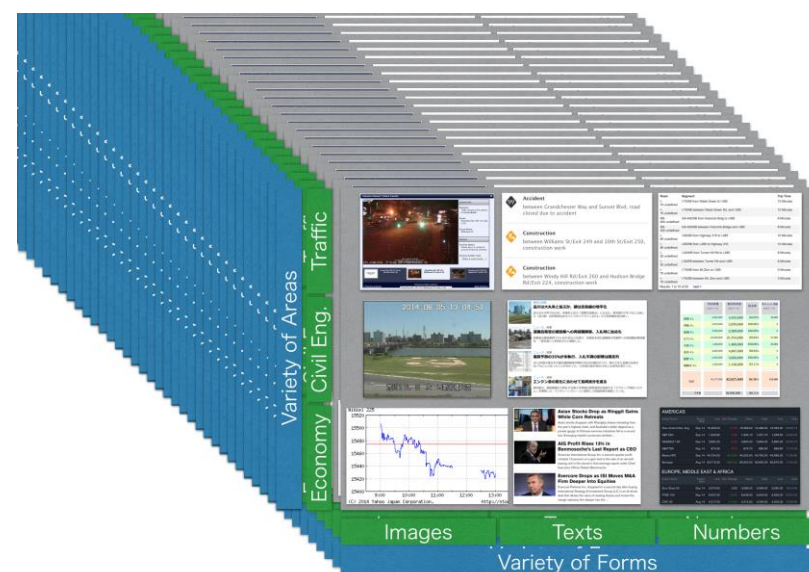
ClouT Data Diversity and Volume



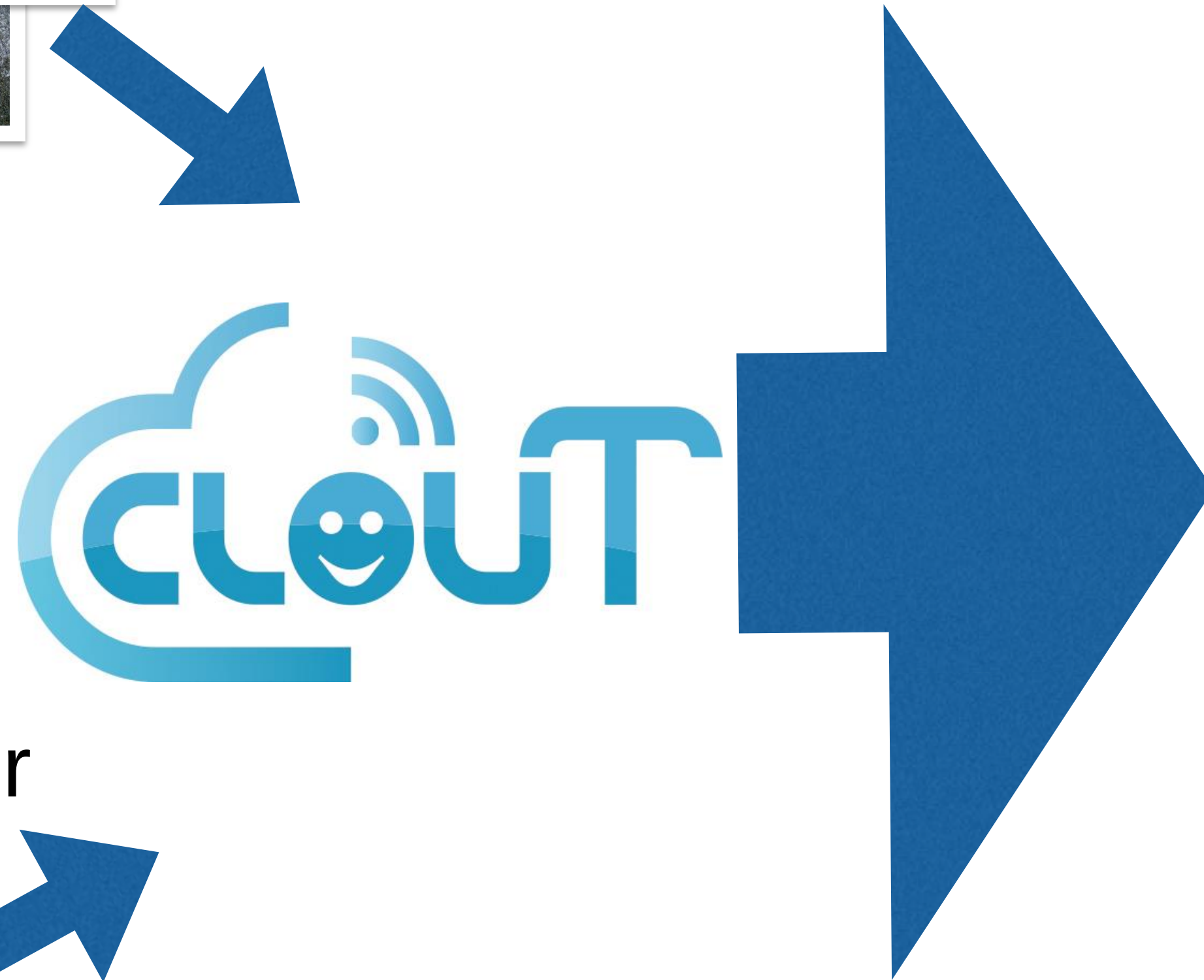
Physical Sensor



Human as a Sensor



Web as a Sensor



500,000

Virtual Sensor Nodes

5,000,000

Sensor Data Stream

20

GB/Day

WEB Sensorizer



都道府県

測定局一覧表（※測定局名称をクリックすると、過去7日間の時系列表をご覧になれます。測定有無（○）状況は2015年09月29日時点の情報です。）

[illegible]

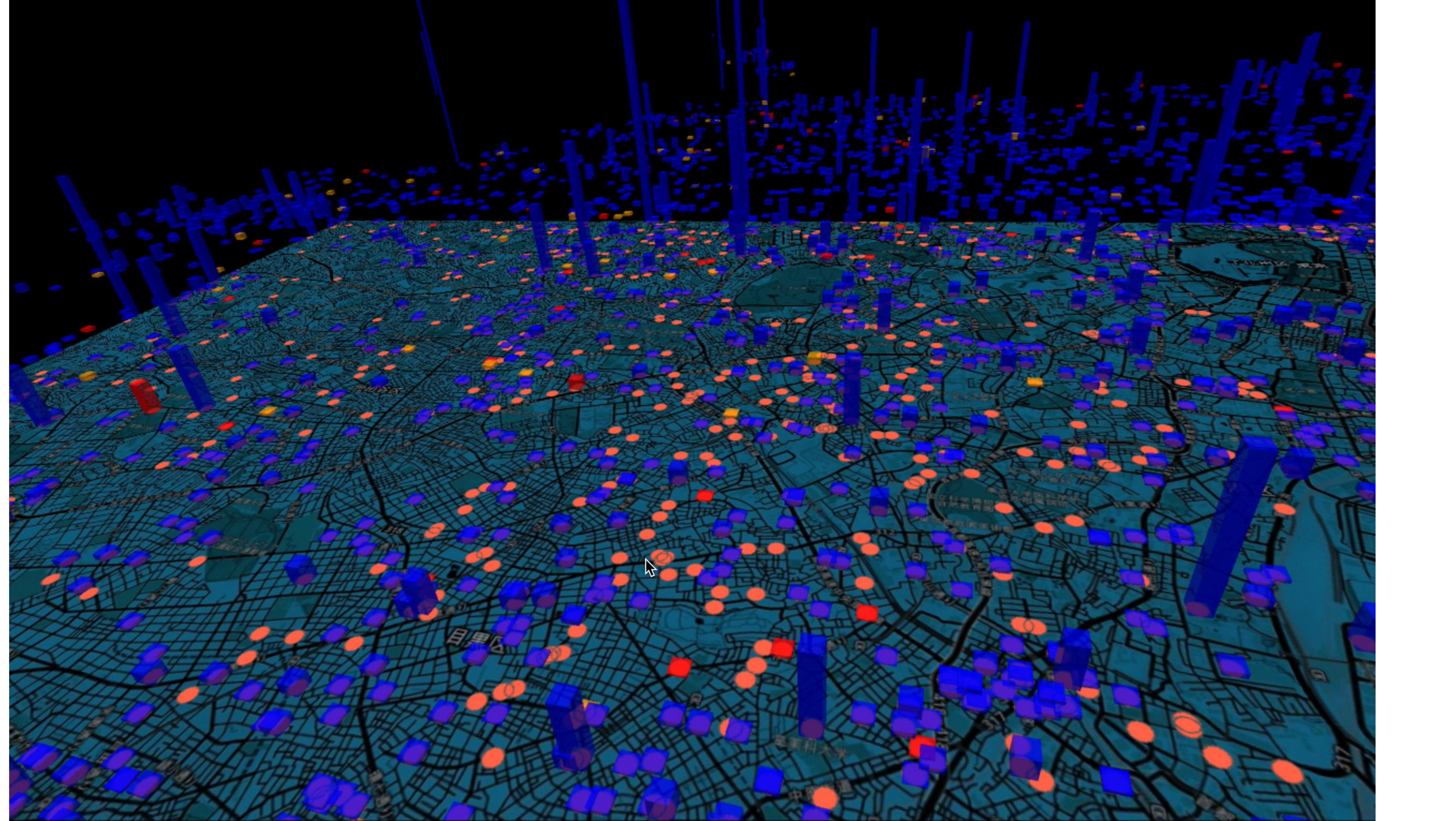


△



SHOW SENSOR INFO

BOX

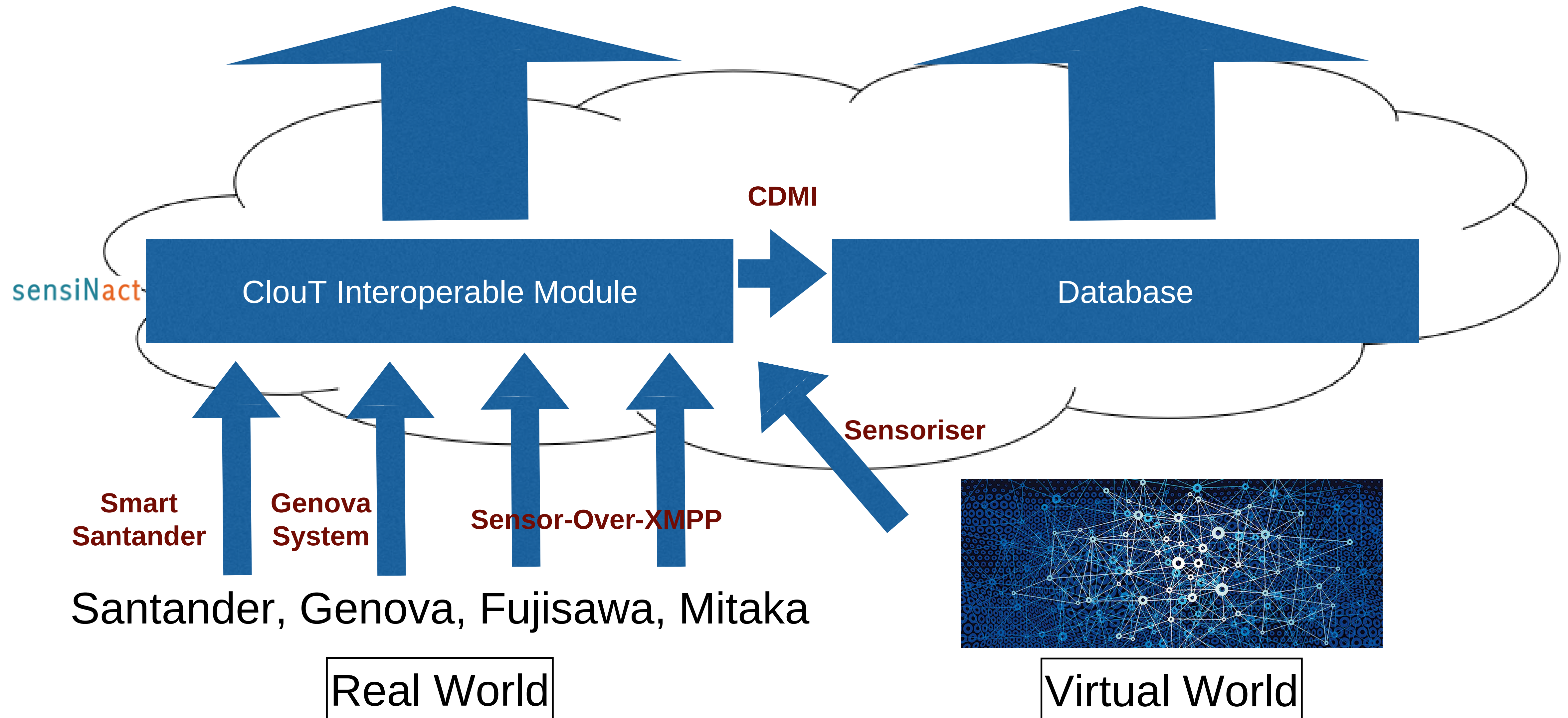




ClouT Data Diversity and Volume

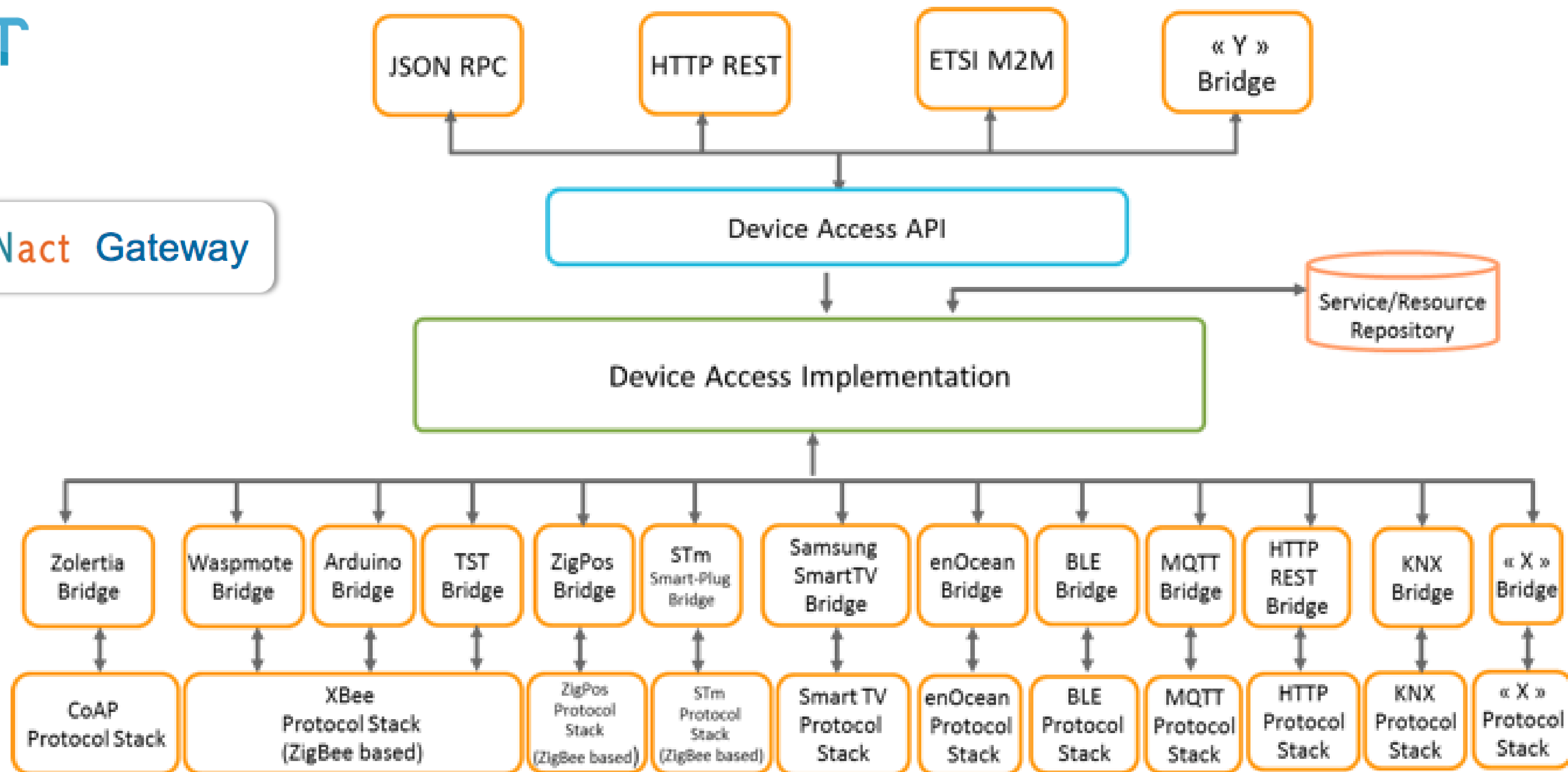
Applications

Applications





sensiNact Gateway



Field Trials in EU-JP 4 cities



Santander

Fujisawa



Genova

Mitaka

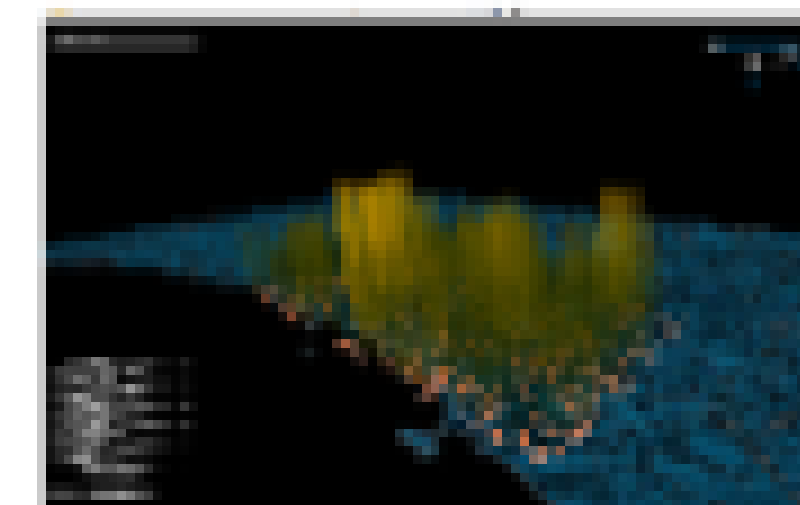
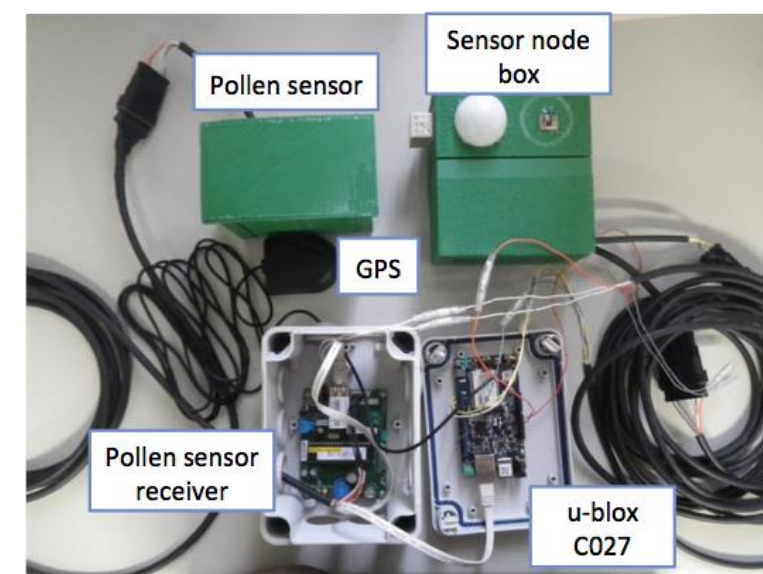


Use Cases

Reference Architecture

Field Trials

Additional Trial & Technology transfer to other projects





Smily Coupon 😊



Early Prototype

- Leveraging local context (smile) + city context (via ClouT) for dynamic coupon system
- Enhancing affection to the coupon for changing human behavior !







Ready-to-use materials

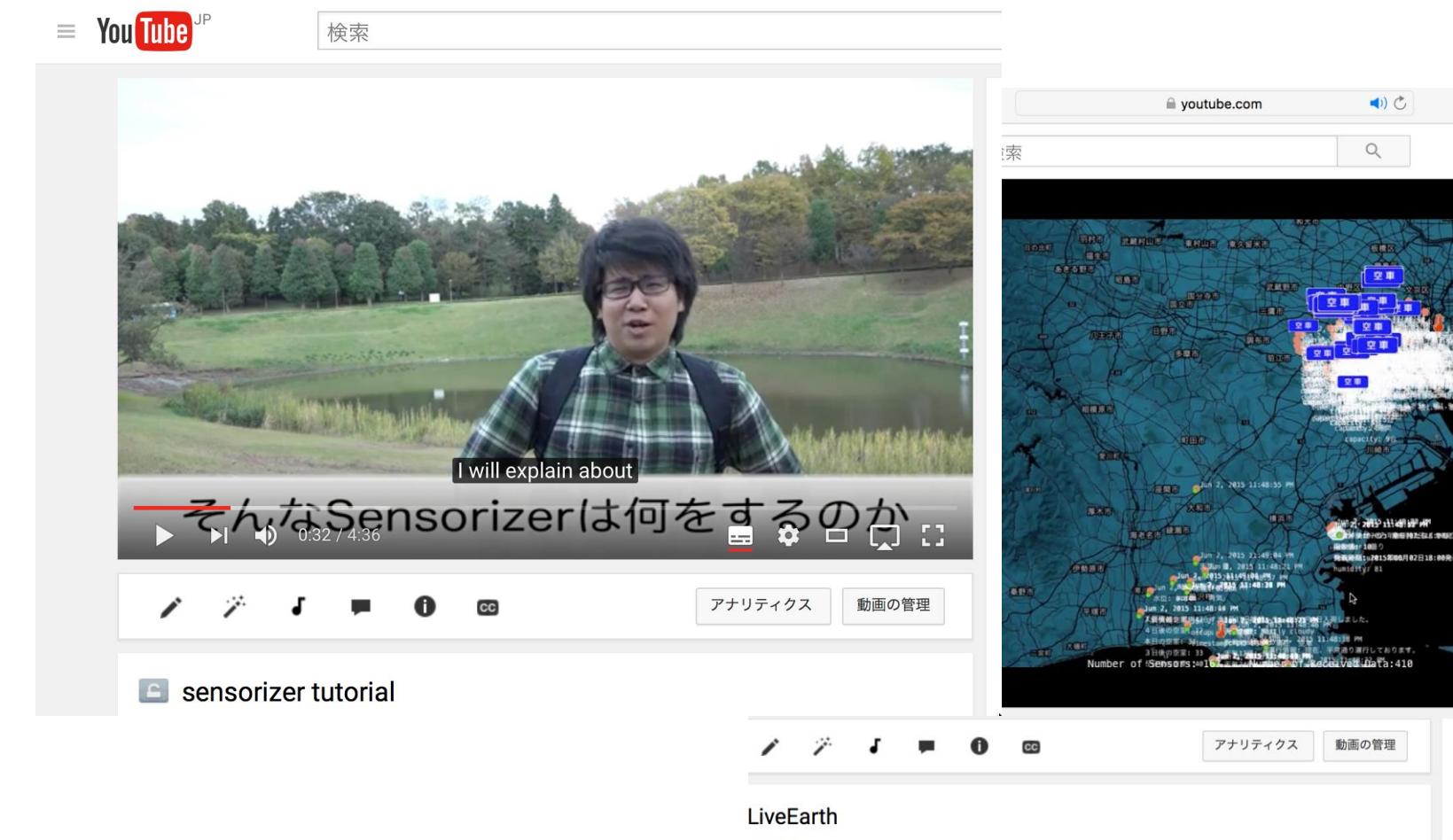
Online cookbook/guide

Real Hands-on Tutorials

YouTube tutorial video

The image shows two browser windows. The left window displays the 'Soxfire: A SOX-Friendly XMPP Server' setup guide, which includes instructions for installation on various operating systems. The right window shows the 'IoT OPEN PLATFORMS' website, specifically the 'sensiNact (aka. BUTLER Smart Gateway)' page. Below these windows is a detailed table of contents for the 'SERVICE MASHUP TOOL TUTORIAL'.

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<http://open-platforms.eu>

<http://sox.ht.sfc.keio.ac.jp>

Let's Google "ClouT"



