dot::

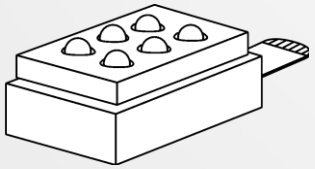
285 Million

Blind and Visually Impaired People Worldwide

dot::

Information Gap

dot

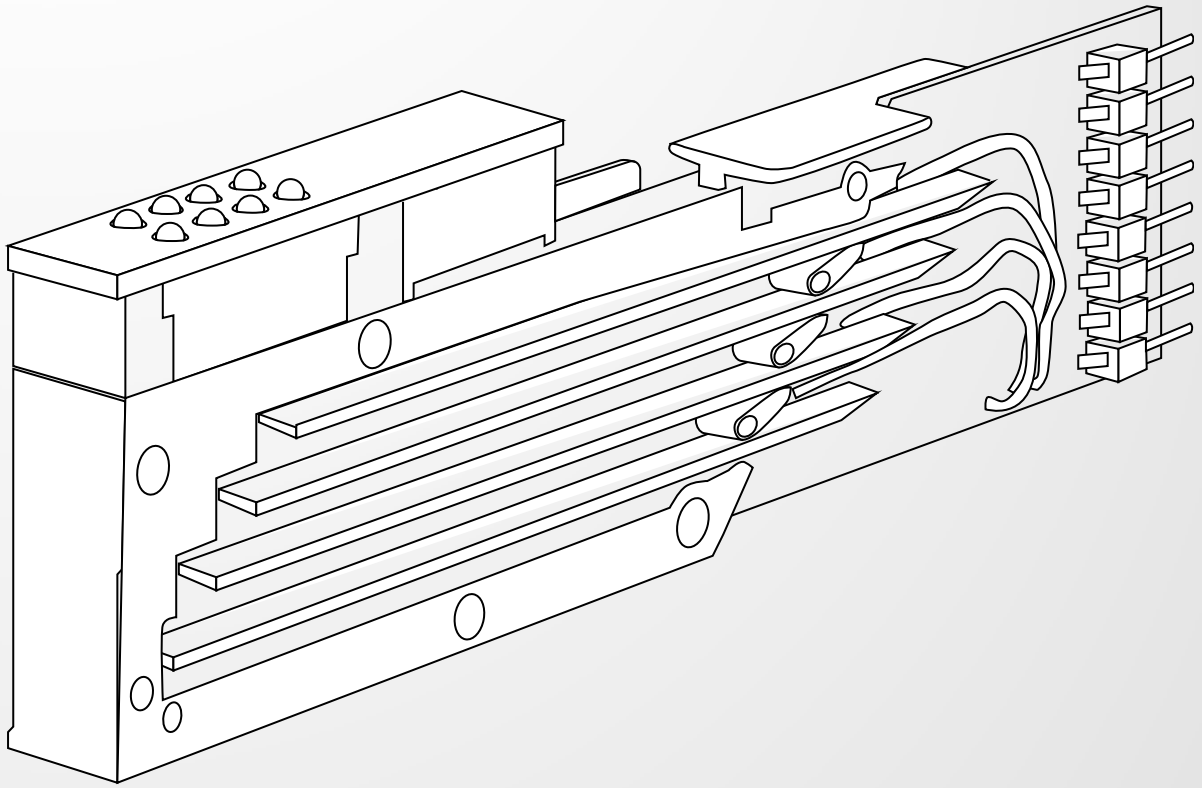


Dot Technology

Based on Magnetism

10x Smaller / Lighter / Cheaper

70 Patents



Conventional Technology

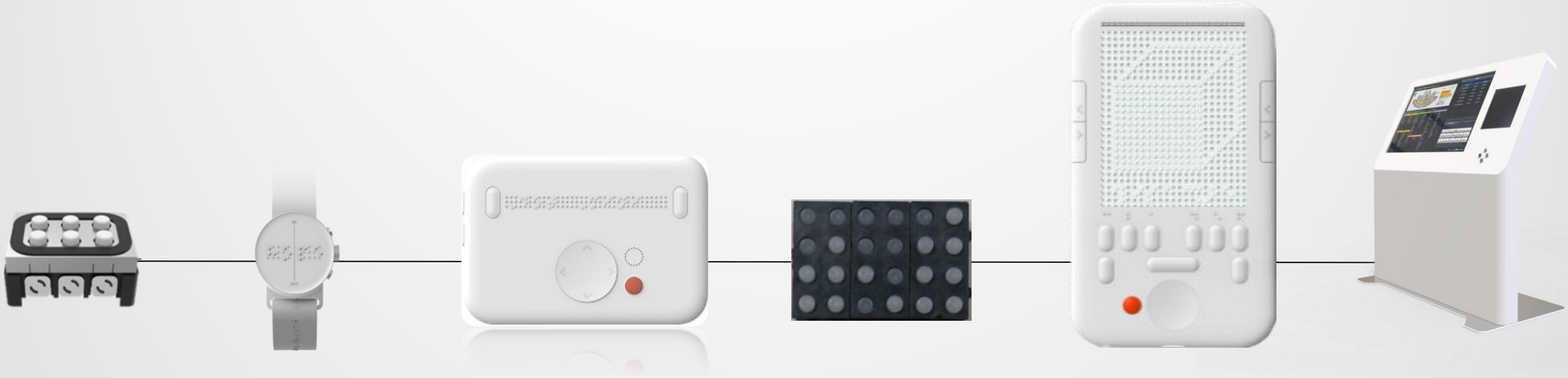
Based on Piezoelectricity

dot

The world’s first braille smartwatch : **Dot watch**

dot

Pioneering accessible and affordable innovation:



first generation
actuator

Dot watch
mobile, smart

Dot mini
affordable education, contents

second generation
actuator

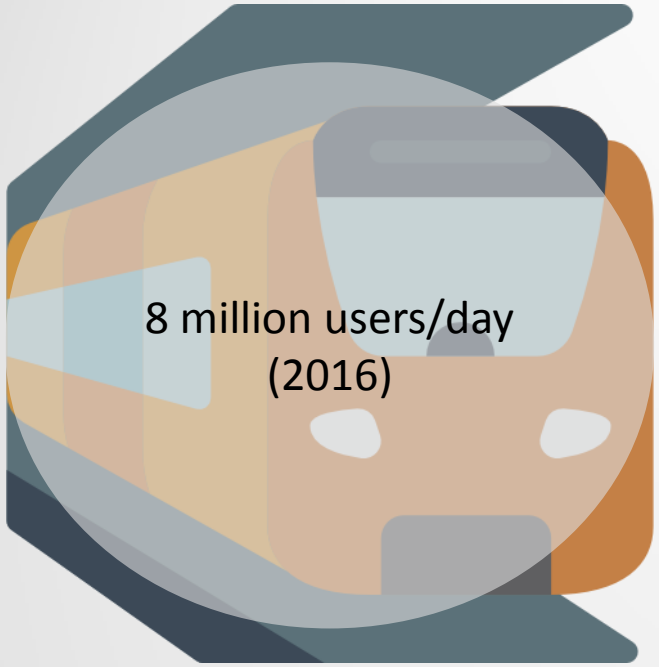
Dot pad
graphics, life-changing

Dot public
public accessibility,
smartcities

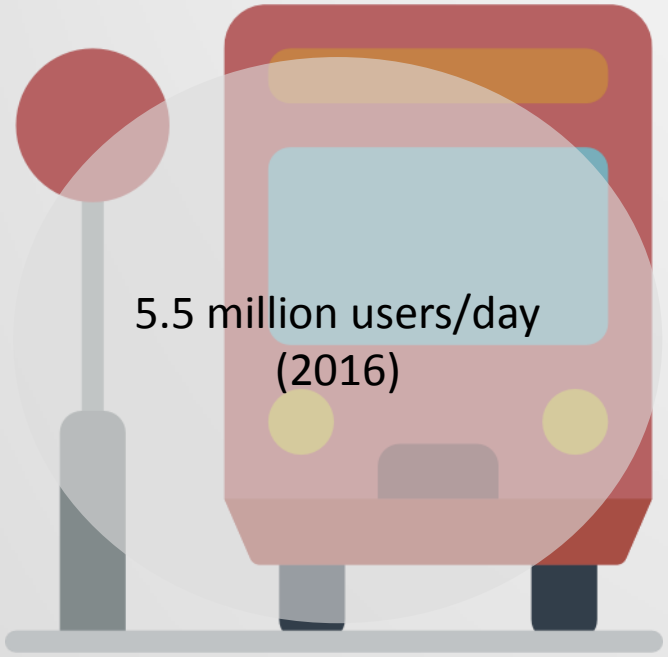
dot

2030 Seoul City GOAL:
Reduce Daily Traffic Volume by 30%

Convenient Transportation for ALL



8 million users/day
(2016)



5.5 million users/day
(2016)

13.57 million
visitors to
Seoul (2016)

391,753 people
with disabilities
in Seoul (2016)

1.3 million (2016)
→ 2.5 million (2035)
elderly in Seoul

dot

dot

KRX
KOSDAQ
748.84
(-18.31)
베트남 한손의 기타 리스트, 시각장애인 피아노 연주자 초청
한국과 베트남이 함께하는 이웃사랑 음악회 2018
서로 사랑하라
2018년 10월 5일(금) ~ 10월 10일(수)

한국과
인류의 빛 한글
제4회 한글세계문화축제
세계로 나가자

Dot Public: Urban Mobility Solutions

all disabilities-inclusive, barrier-free transportation system

Use Case Scenario

- Ageing and Disability
- Road and Public Facility Safety
- Traffic and Public Transportation

Japan X Fujitsu

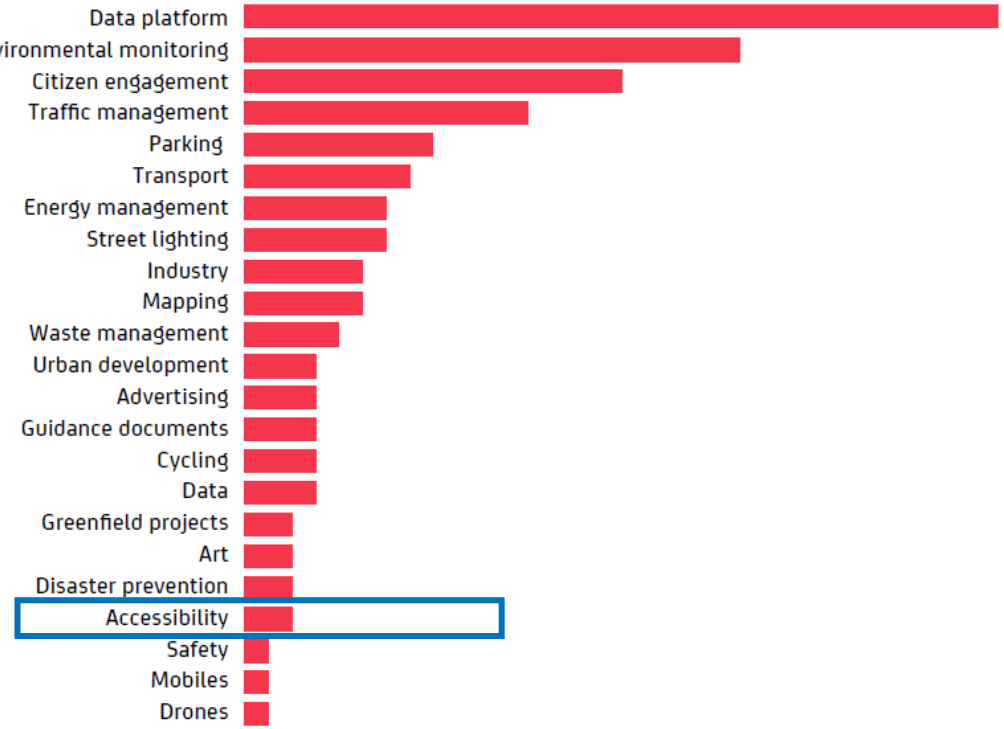
UAE X Dubai Police

dot ::

Target Market: Smartcities

TOPICS MOST ADDRESSED BY SMART CITY PROJECTS

Smart cities' is just the latest term used to define the use of internet-connected technologies in an urban and city planning context. It also implies that projects using the term represent a diverse set of ideas across a large spectrum of applications.

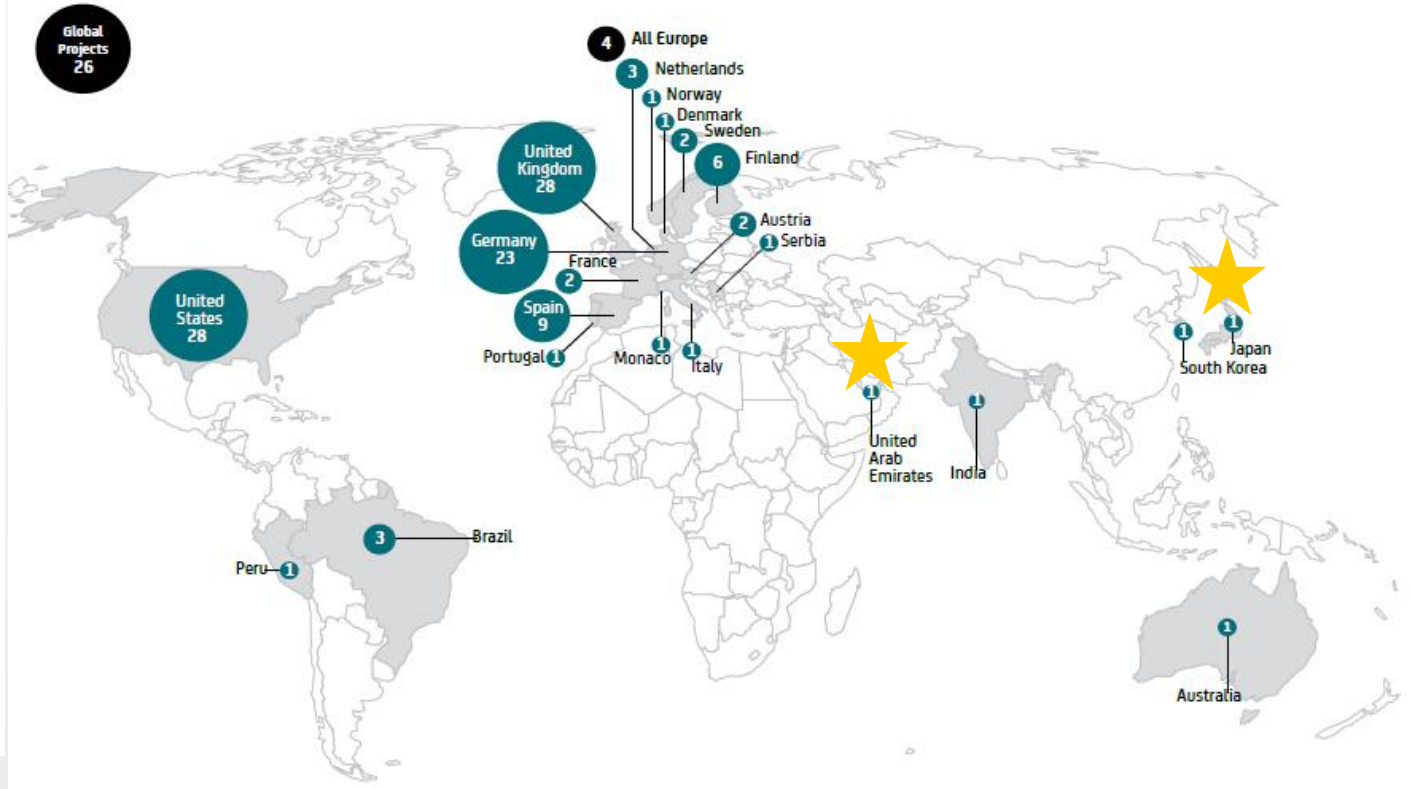


Nominet, 2018

LOCATION OF SMART CITY PROJECTS

Projects by country

Circle = Number of projects per country, scaled by size



dot::

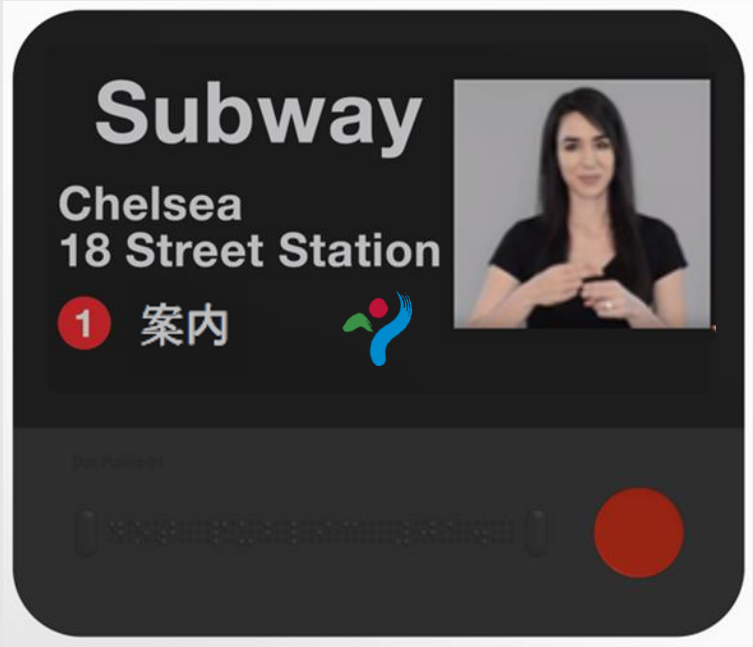
Everywhere Accessible, to everyone.

Making the world accessible, dot by Dot.

dot

dot

Dot Screen: Barrier-free IoT smart device for Public Transportation



Enlarged letters for **low vision & elderly,**
Sign language for **the deaf,**
Multiple languages for **foreigners,**
Real-time braille information for the **blind,**
Emergency help button for **anyone.**

dot ::

Dot Kiosk: Barrier-free IoT information kiosk for Public Infrastructure

static, unchanging braille

active, real-time braille and display
showing maps, information, directions, and more.

dot