

Increased interoperability by simplified sharing of IoT data

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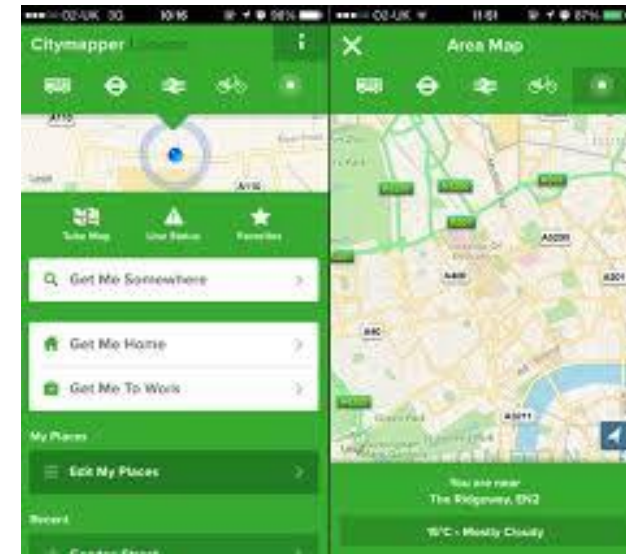
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SYNCHRONICITY

Example 1: Travel planner

IoT service



IoT (data) platform



IoT connectivity infrastructure



IoT devices



GPS trackers from train and bus fleets



Traffic flow from cameras and phones

Static data sets

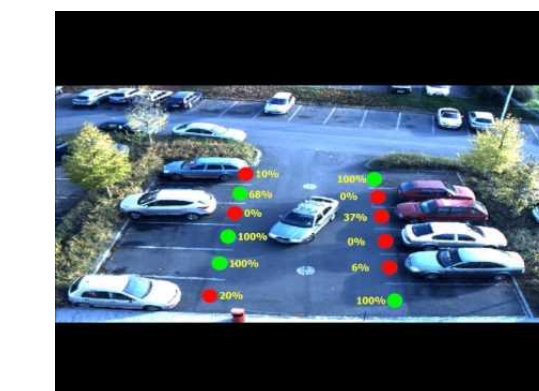


Time tables



Parking lots

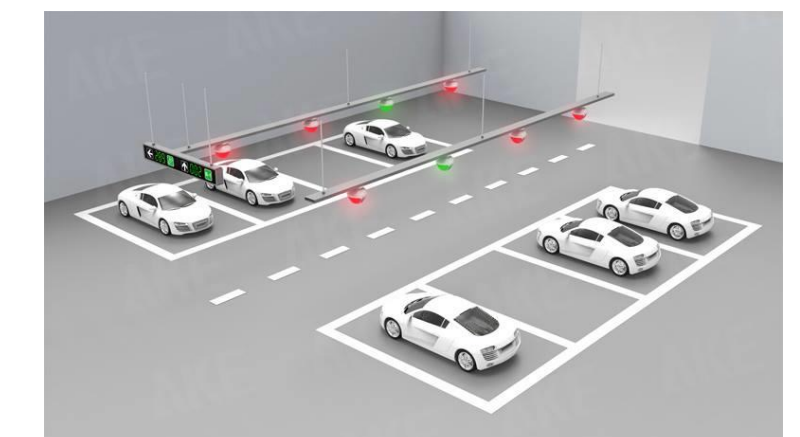
Example 2: Smart parking



Video parking space counter



On-street parking sensor



Multi-story car park availability

What connectivity infrastructure is already in place?

Is it accessible and under what conditions/costs?

Where can I deploy my IoT devices/infrastructure?

What are the conditions for deployment site access?

What permissions do I need to obtain for rollout?

What local regulations do I have to respect?

What local partnerships do I need for an IoT deployment?

Case 1: Suitable IoT data sources not available

Who owns/providers this IoT data?

Can I use it - under what conditions?

Is it available for my envisioned service duration?

Is it reliable enough for my envisioned service?

How much will I need to pay?


How can I monitor agreed service level of data provision?

How can I hold a data provider accountable for?

Case 2: Suitable IoT data sources already available

IoT Data Marketplace


Search

 Cart  Me

Home Inventory My Stock

City▼ Price▼ Type▼

Manchester




Air Quality from 100€/api call
v 0.1 ☐ ☐ ☐ ☐ ☐

Very short text description about this data source offering and blah blah blah and some other blah blah blah blah.

Get this data offering

Porto




Railways Free
v 0.1 ☐ ☐ ☐ ☐ ☐

Very short text description about this data source offering and blah blah blah and some other blah blah blah blah.

Get this data offering

Helsinki




Lamp posts from 100€/api call
v 0.1 ☐ ☐ ☐ ☐ ☐

Very short text description about this data source offering and blah blah blah and some other blah blah blah blah.

Get this data offering

Milano




Traffic lights from 100€/api call
v 0.1 ☐ ☐ ☐ ☐ ☐

Very short text description about this data source offering and blah blah blah and some other blah blah blah blah.

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Paris




Scooter sharing from 100€/api call
v 0.1 ☐ ☐ ☐ ☐ ☐

Very short text description about this data source offering and blah blah blah and some other blah blah blah blah.

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London



Parking spaces from 100€/api call
v 0.1 ☐ ☐ ☐ ☐ ☐

Very short text description about this data source offering and blah blah blah and some other blah blah blah blah.

Get this data offering

Technology is only useful, if it can be effectively scaled

Data is only useful if it can be effectively shared