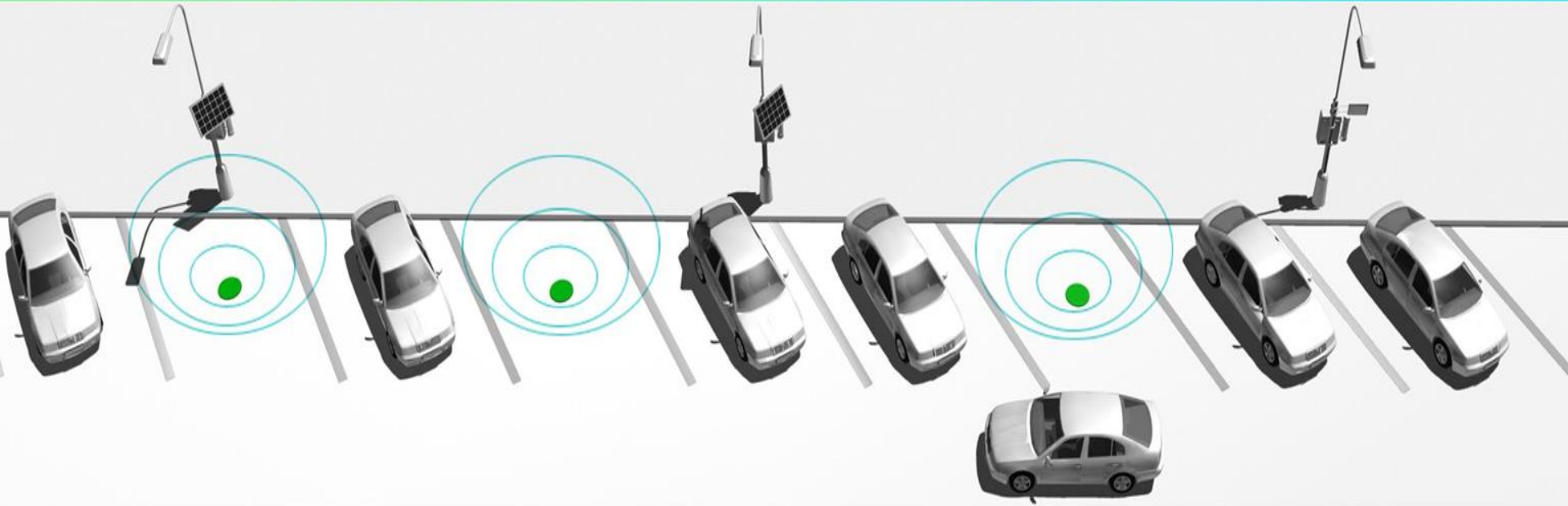


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IQRF Traffic Monitoring / Data Collection system

Cause vs. Consequence

Lack of parking and road capacity

Vs.

Parking and mobility demand increase



Different approach determine data requirements

You Can't Manage What You Don't Measure

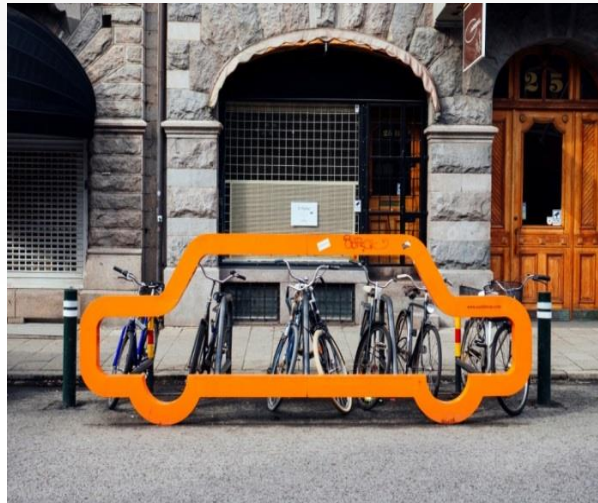
S

M measurable, Meaningful, Motivational, Manageable

A

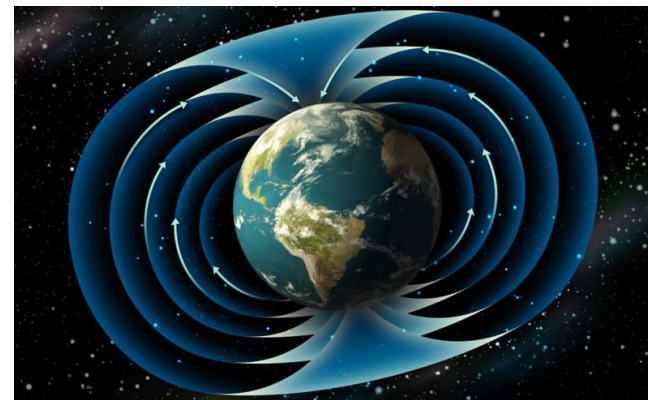
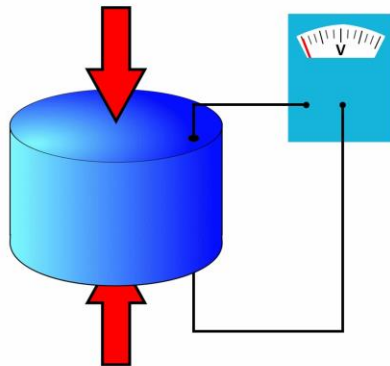
R

T

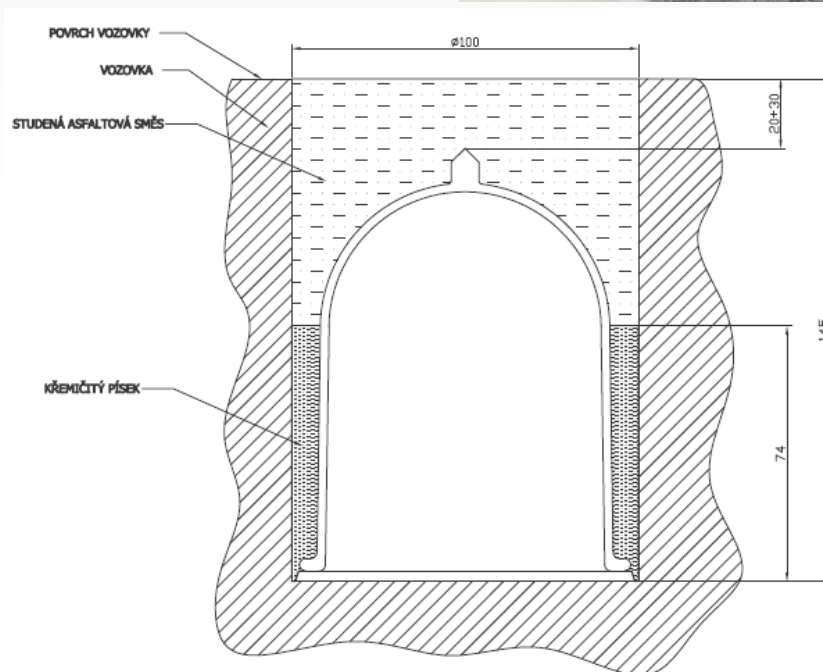


- Strategic planning ,
- Pricing
- Monitoring of
 - traffic intensity
 - parking discipline
 - cash flow
- Decrease of search time
- Turnover optimization

Measuring instruments



Magnetic detector - under surface mount



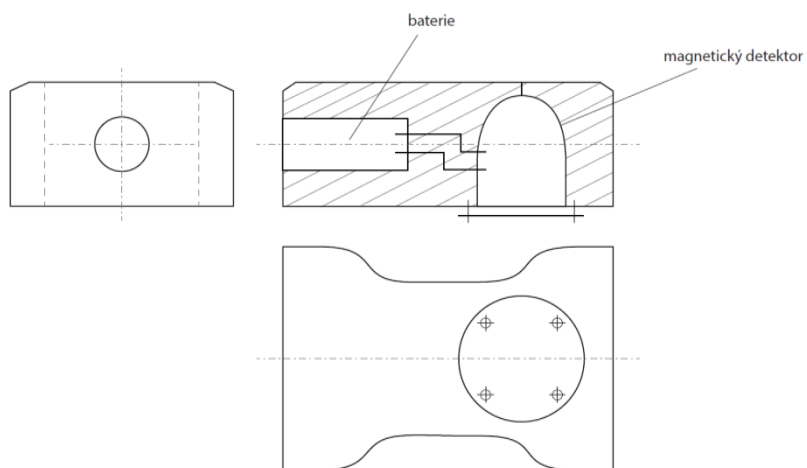
Magnetic detector- on surface mount



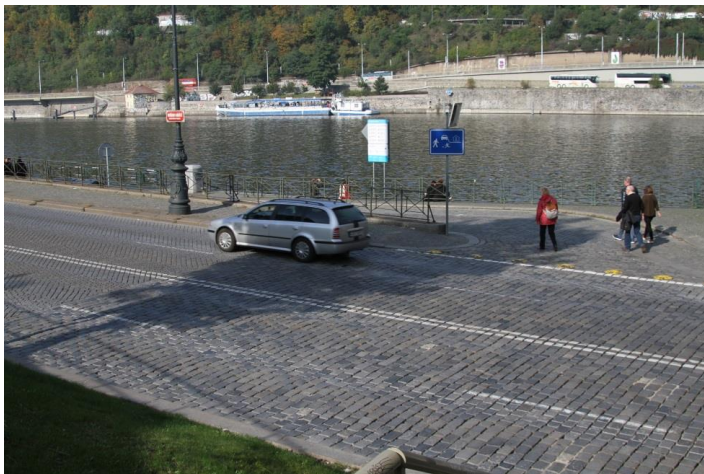
Diameter - 180 mm
Height - 29 mm



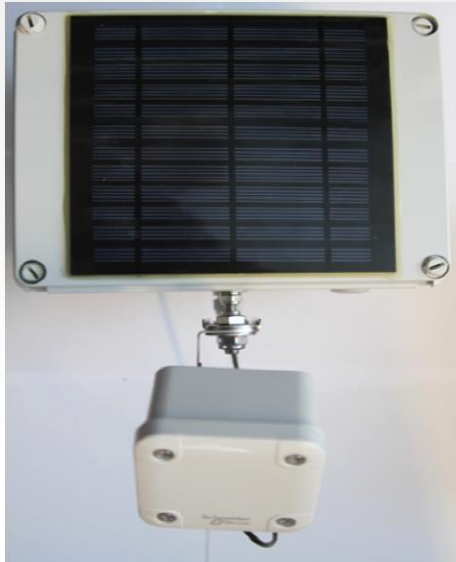
Magnetic detector – paving block version



Magnetic detector – cobble version



Gateway - Slave



Gateway - Slave



Gateway - Master



Gateway - Master



Use Case - parking

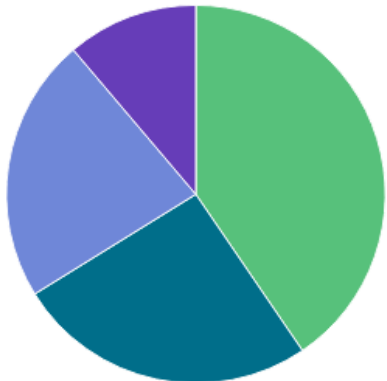
- Brno - web info about parking occupancy
 - monitoring of payments for on street parking
- Liberec – dynamic parking guidance and information systems
- Prague – Navigation app for disabled people

Use Case – traffic flow

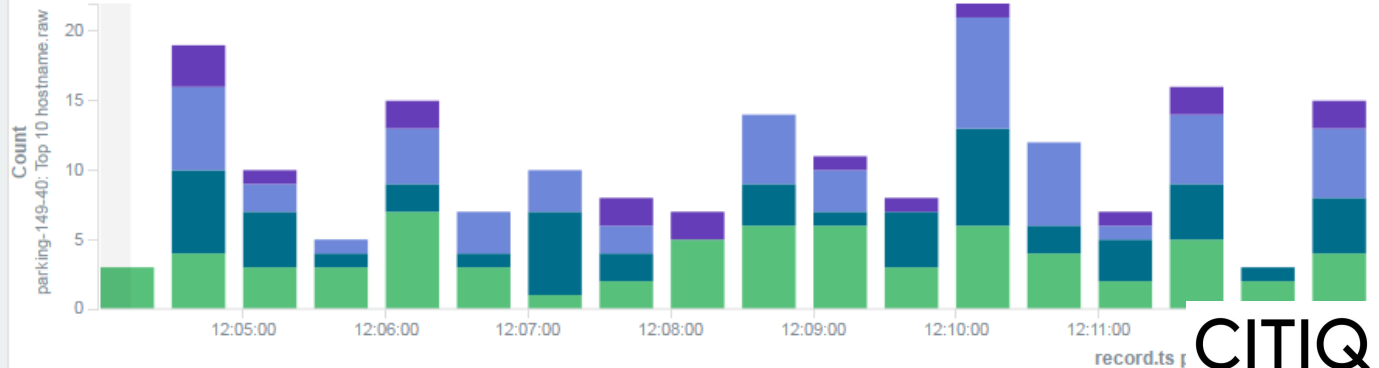
- Number of cars per line
- Speed
- Length



tiq transit counts pie



transit counts bar

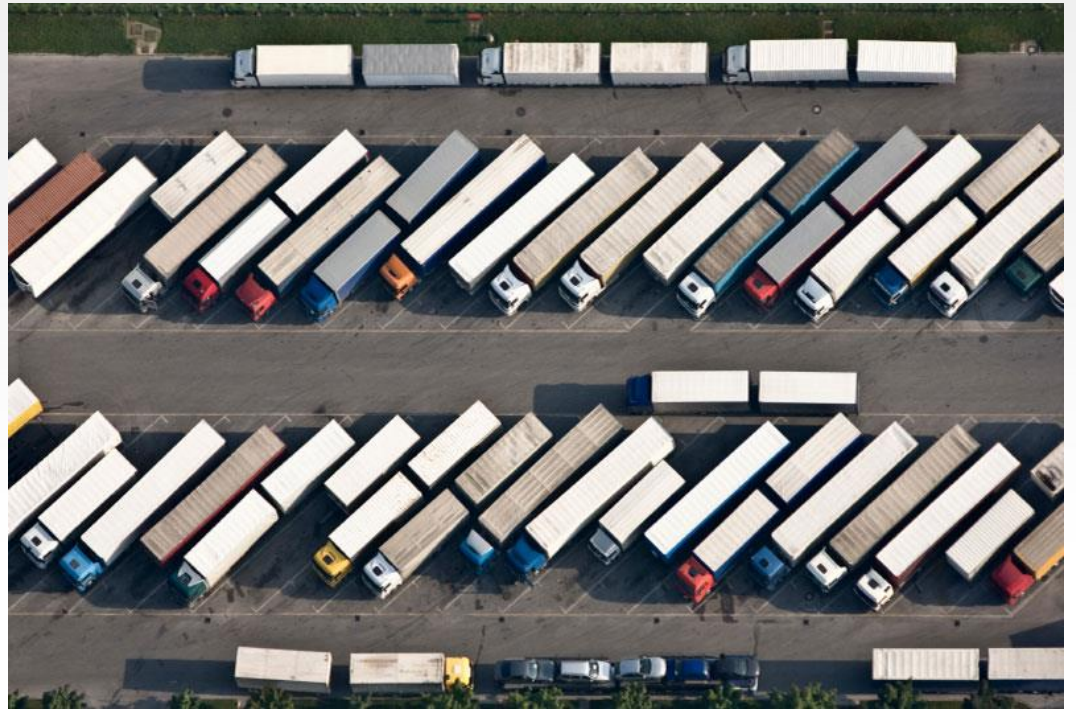


record.ts |

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Use Case – combination of parking + traffic flow

Real-time truck parking
space occupancy data



THE END

Thank you for your attention !

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