

Quality / Recognition



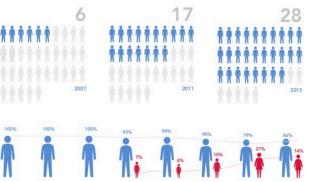




Team







90%

degree

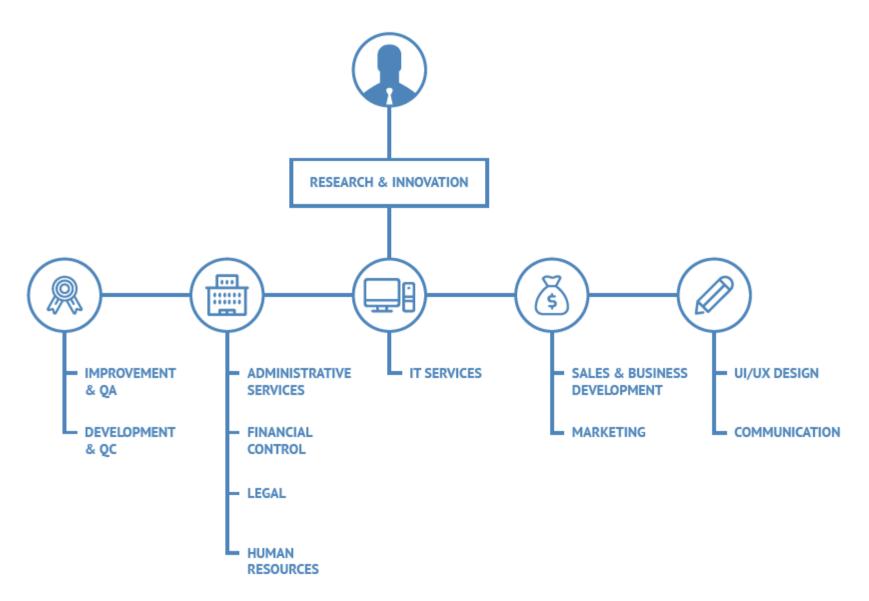
with a Master's



ORGANOGRAM

Organogram







SECTORS & R&I TOPICS

Sectors



TELECOM & FUTURE INTERNET

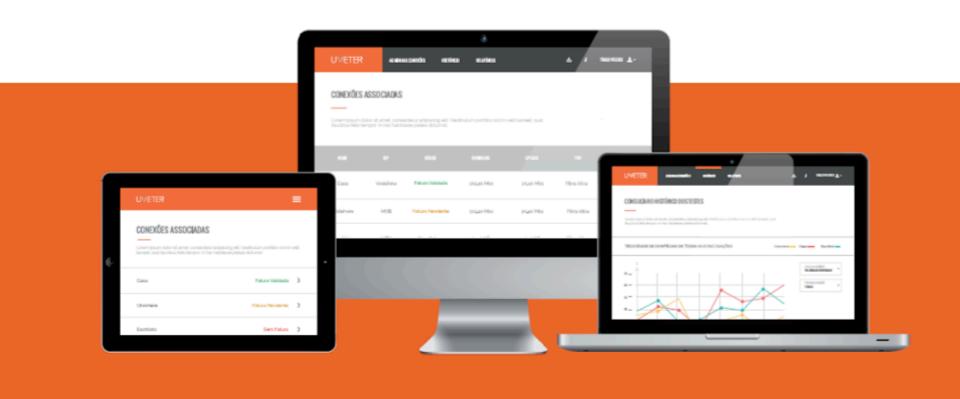
Our portfolio of solutions is quite vast, and ranges from areas such as QoS (Quality of Service) and QoE (Quality of Experience), Opportunistic Networks, Indoor and Outdoor Positioning Systems, Networking Convergence and Future Internet Services.





TELCO SOLUTIONS









TELCO R&I

TELCO R&I



QoS/QoE

Monitoring Platforms Analytics

Security

Analytics

5G - SDN/NFV MEC

EU PROJECTS | TELCO

FLEXMETER SELFNET (5G-PPP) SONATA (5G-PPP) SHIELD

Sectors



SMART CITIES

Our company is committed to create smart solutions for smart cities in areas such as mobility, tourism, energy and efficient resource management. We embrace interoperability, Open Data and smart cloud-based services as fundamental components of what we do.





1st Ubiwhere spin-off on Smart Cities

















Starting...



1 st	Wolfsburg	Germany, Europe	50
2 nd	Birmingham	Alabama, US	400
3 rd	Algarve	Portugal, Europe	25
4 th	Richmond	Virginia, US	250
5 th	Baltimore	Maryland, US	500
6 th	Summit County	Utah, US	100
7 th	Seattle	Washington, US	1.200
8 th			



Birmingham (Alabama, US)





Birmingham (Alabama, US)



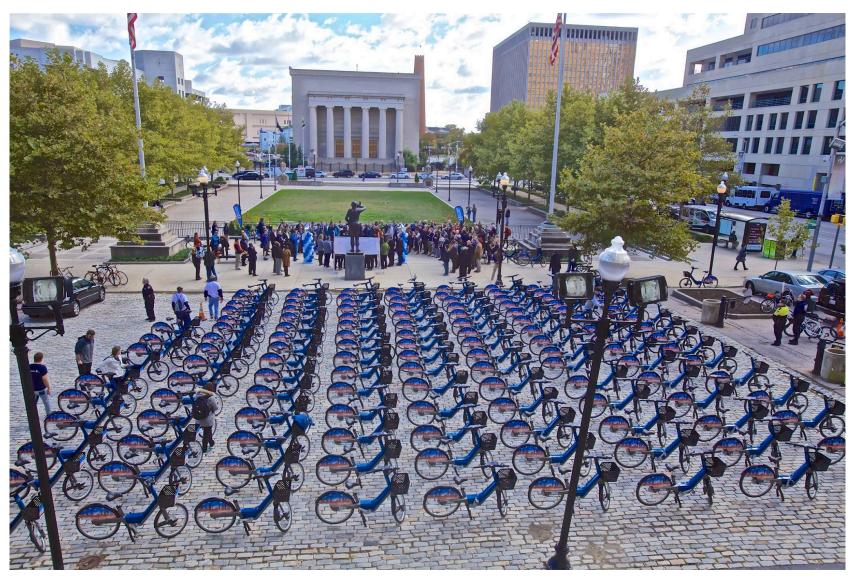
Birmingham (Alabama, US)







Baltimore (Maryland, US)



Richmond (Virginia, US)



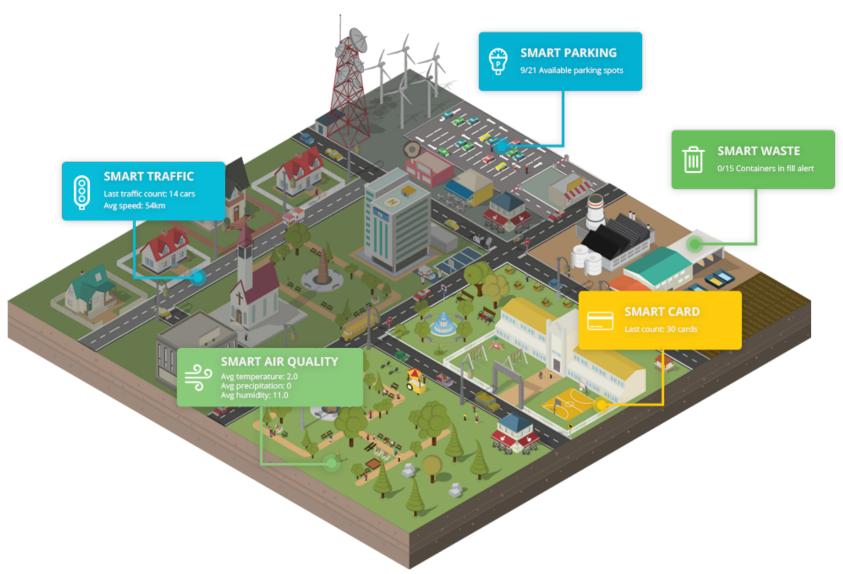




Urban Intelligence on Smart Cities

Urban Intelligence on Smart Cities







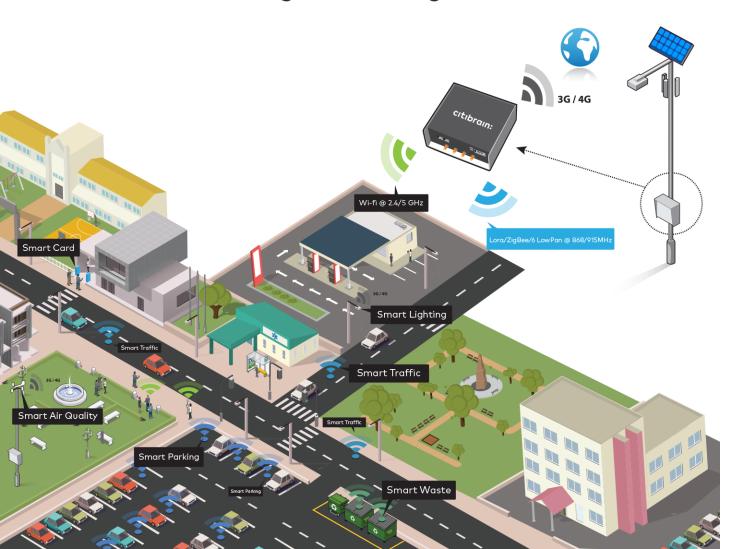
Smart Cities Vertical Applications

citibrain:

citibrain:



"smart solutions for global challenges"



smart solutions for global challenges

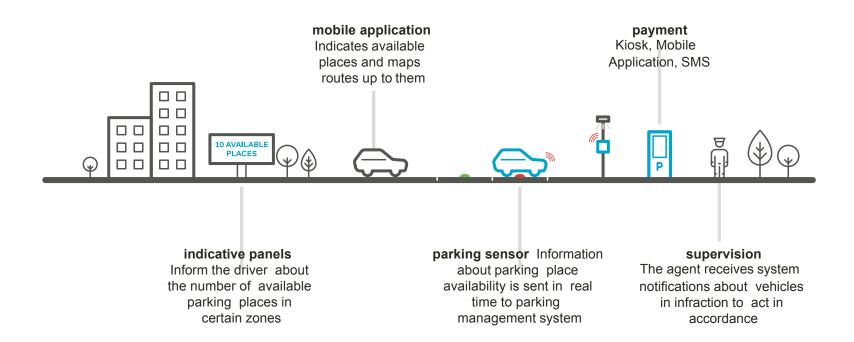
www.citibrain.com



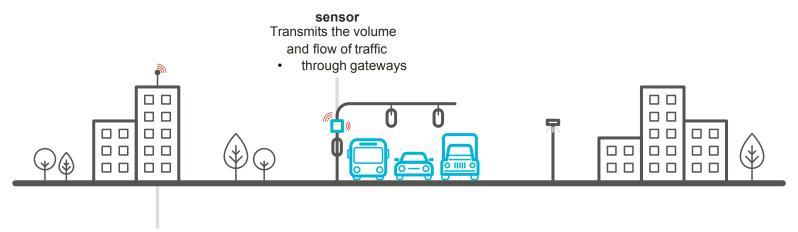








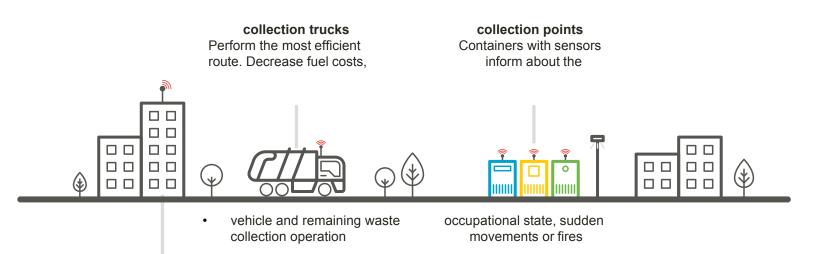




central system

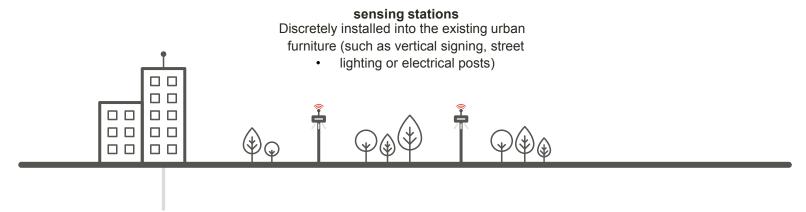
- Infers inputs from the sensor network detecting and predicting traffic congestion
- · Redirects vehicles through suggestions in the vertical panels
- · Provides directions in mobile applications
- · Provides alerts on websites of public consultation
- · Controls the vertical signalling privileging the traffic flow in critical areas
- ·Accessible and integrated with civil protection systems, creating privileged routes in case of catastrophes, accidents and emergencies of any kind





The system allows the access to waste containers through RFID cards. The garbage bags used by each citizen allow the identification, meaning that the waste placed by them will be recorded in their user accounts. After confirming the contents of the bags in the selection phase of the waste processing company, these "points" can be used to calculate the rate of urban waste.





The information collected by these stations can be used to improve urban planning, strategy and interaction with the city residents, but also be combined with information from other Citibrain systems.

These stations communicate in real time with Air Quality Management System through Wi-Fi or GPRS, and are powered energetically by the structure in which they are installed.



Enabling Unified Smart Cities' solutions with 5G technologies



The City Nervous System





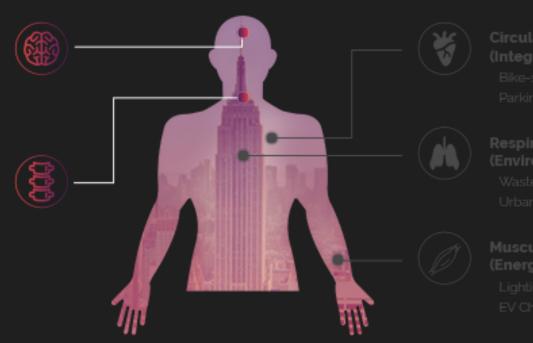
Concept

Central Nervous System (Urban Platform)

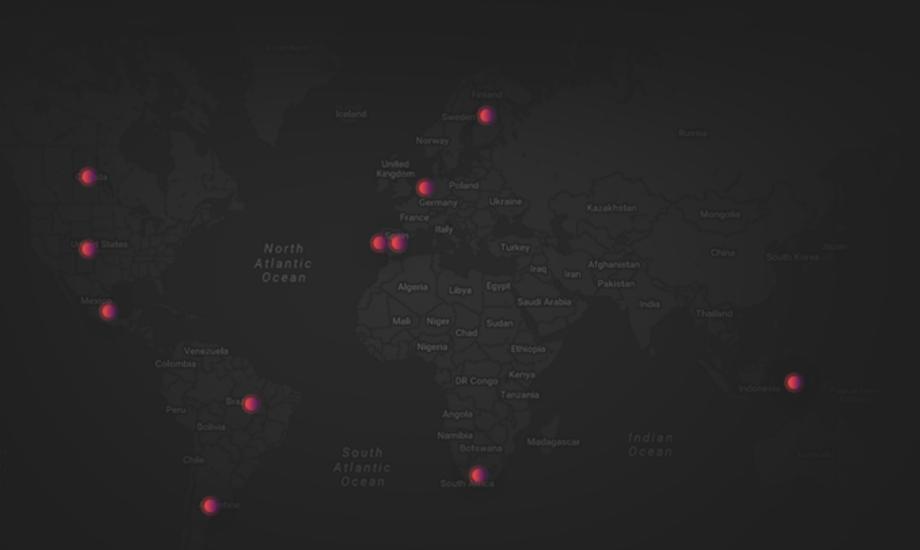
City Services Providers Integration Urban Intelligence Interoperability

Peripheral Nervous System (Urban Pysical Infrastructure OS)

5g Compliance Modularity







WORLD: MONTREAL • PORTLAND • TORREÓN • RECIFE • BUENOS AIRES • PORTO • BARCELONA • EINDHOVEN • HELSINKI • CAPE TOWN • SINGAPORE

