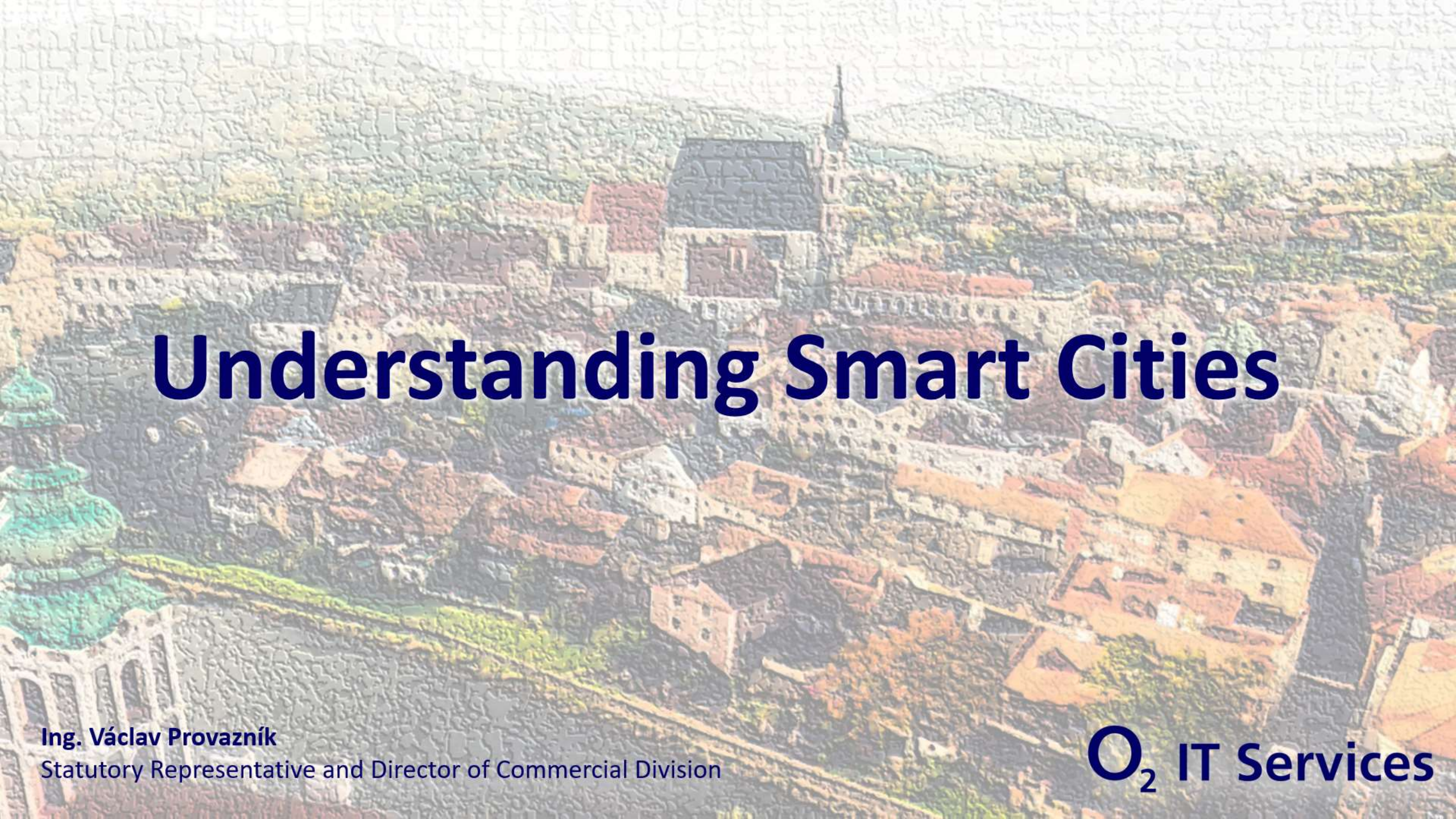
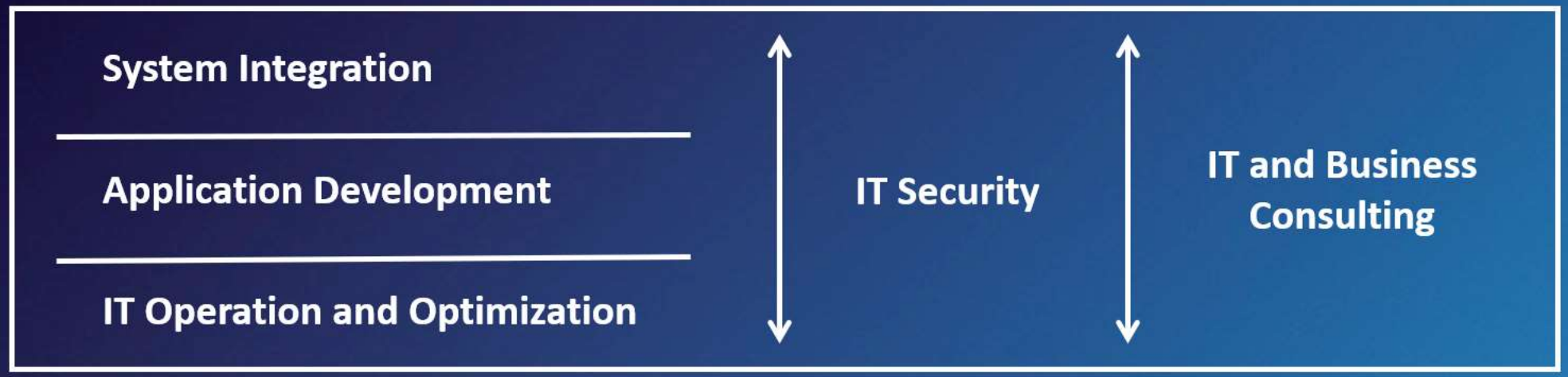


Understanding Smart Cities

Ing. Václav Provazník
Statutory Representative and Director of Commercial Division

O_2 IT Services



O_2 IT Services is an expert in the area of information technologies and our services cover the entire IT lifecycle.

The key competitive advantages of O_2 IT Services are **expertise, high level of motivation and professional approach of our employees.**

O_2 IT Services is a 100% subsidiary and member of the concern O2 Czech Republic a.s.

Member of

IQRF® | Alliance

O_2 IT Services

There are many opportunities to change ordinary cities into the Smart Cities...

city

Information

Increasing the efficiency of communication between city and citizens. Electronization of administrative agendas and street furniture.

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O_2 IT Services

There are many opportunities to change ordinary cities into the Smart Cities…

city

Environment

Measuring the environmental quality in cities and inside buildings. Supporting the fulfillment of environmental requirements and standards and the overall improvement of the environment.

1) Information

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O_2 IT Services

There are many opportunities to change ordinary cities into the Smart Cities...

city

Waste management

Efficient and economical waste management. Electronic solutions to support sorting, ecology and cost optimization.

1) Information
2) Environment

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There are many opportunities to change ordinary cities into the Smart Cities...

city

Energy Management

Reducing energy demands of public urban systems and buildings. Support for the transformation of public lighting into the modern communication infrastructure of the city.

1) Information
2) Environment
3) Waste Management

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There are many opportunities to change ordinary cities into the Smart Cities...

city

Transport

Introduction of modern methods of management and regulation of road traffic in cities. Modernization of parking services in the city.

1) Information
2) Environment
3) Waste Management
4) Energy Management

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There are many opportunities to change ordinary cities into the Smart Cities...

city

ICT Infrastructure

Technological base for Smart City solution. Flexible portfolio of cloud, data, sensoric and communication technologies. Guaranteed cybersecurity as an integrated part of the Smart City services.

1) Information
2) Environment
3) Waste Management
4) Energy Management
5) Transport

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smart city

This is how we understand the Smart City

1) Information
2) Environment
3) Waste Management
4) Energy Management
5) Transport
7) ICT Infrastructure

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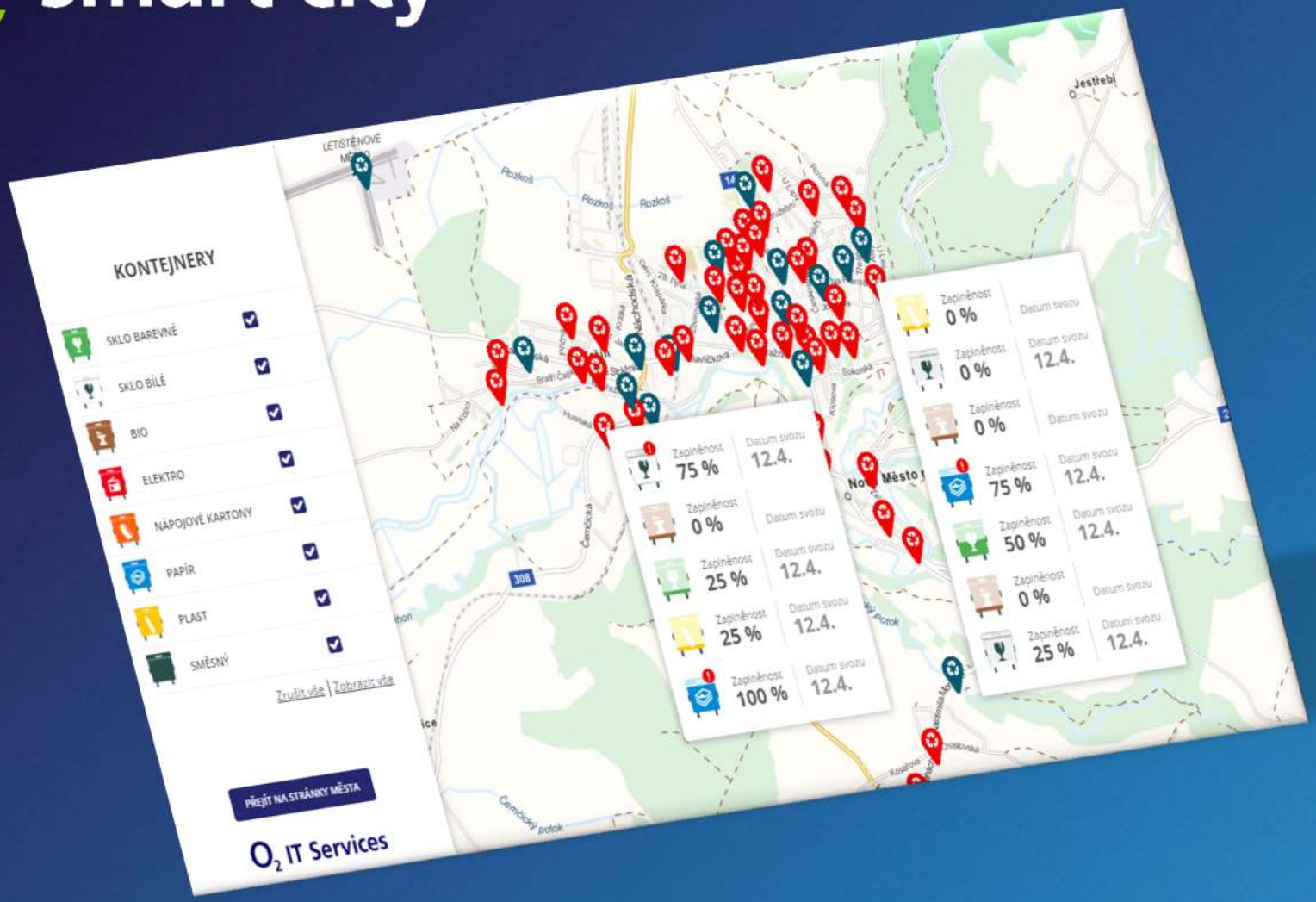
smart city

Waste management solution

READY FOR PILOT DEPLOYMENT



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smart city
technology view

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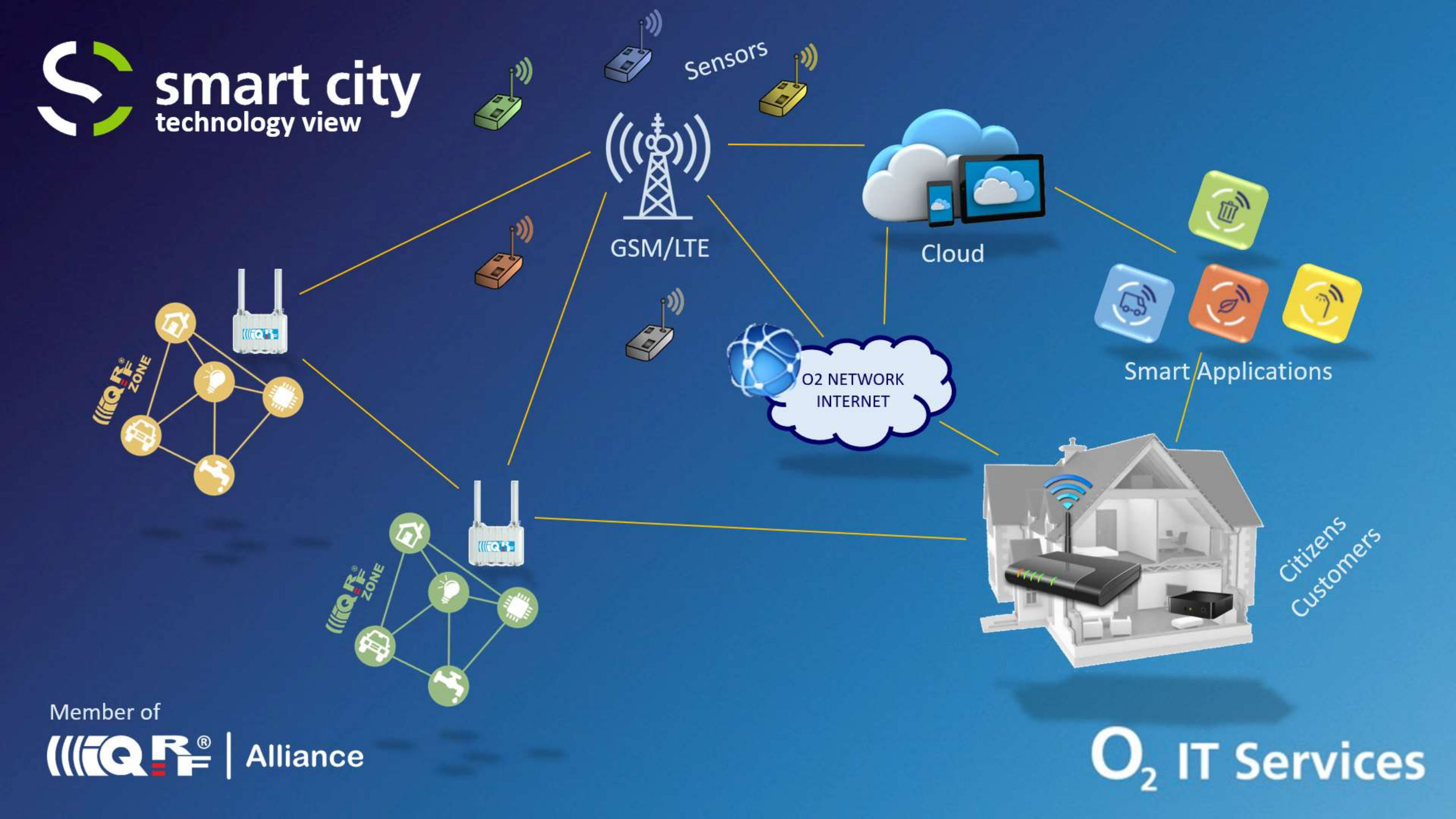
smart city
technology view



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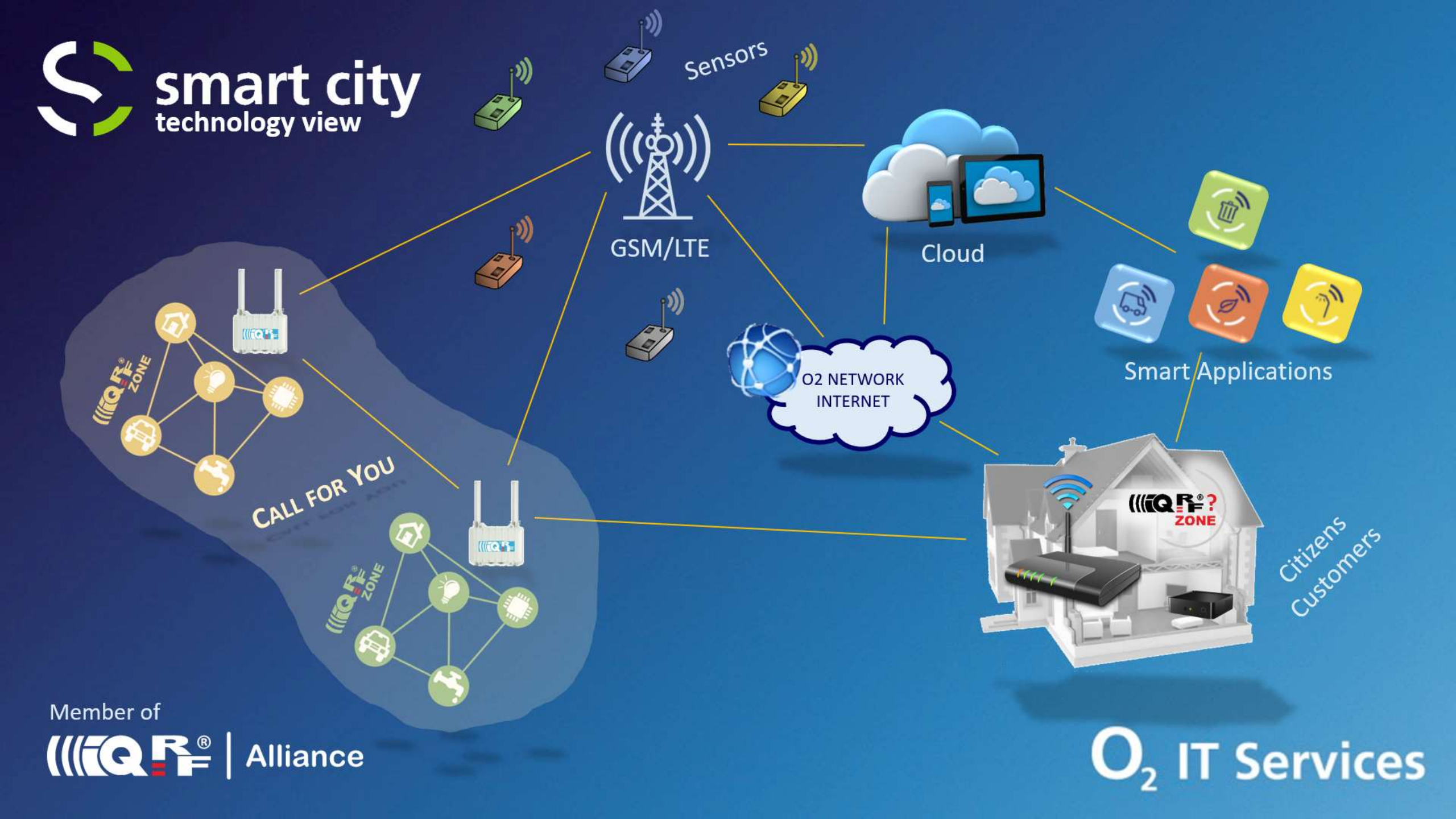
smart city
technology view



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smart city
technology view

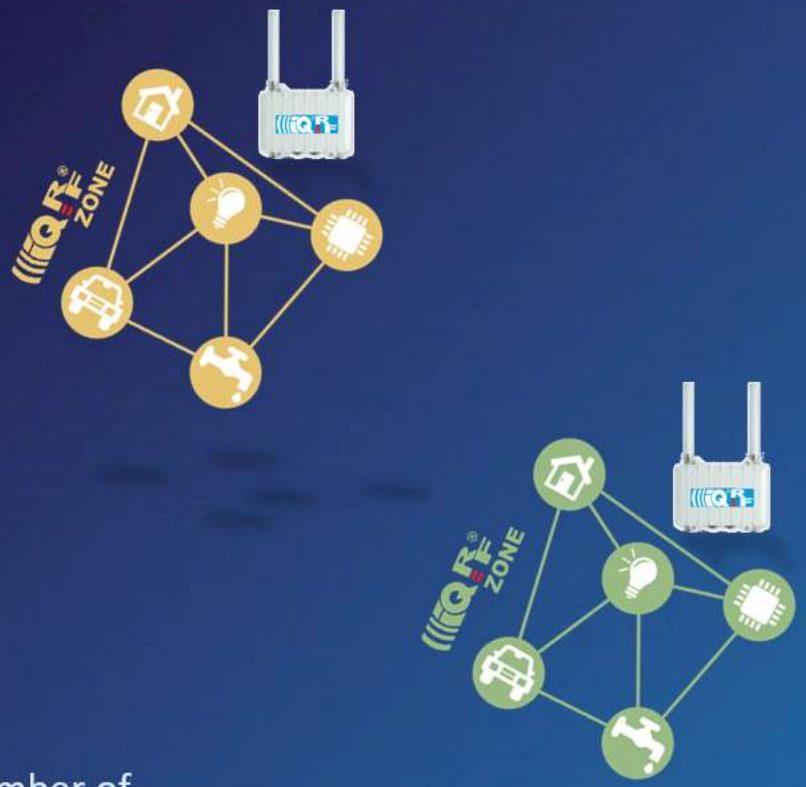
We are going to make Smart Cities reality
and we have…

- ✓ CUSTOMERS
- ✓ COUNTRYWIDE NETWORK
- ✓ CLOUD PLATFORMS
- ✓ SMART APPLICATIONS

Let's do it TOGETHER

… however some things are still missing

- INDUSTRIAL GRADE **GATEWAYS**
- **SENSORS** FOR MENTIONED AND OTHER APPLICATIONS
- AND OF COURSE…. IQRF **ZONES**



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smart city

Somehow like that...

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Thank you for your attention

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