

TRANSFORM YOUR URBAN AREA TO A SMART CITY

Analyze, predict & innovate your city's maintenance, traffic and life with **IoT-TICKET® Smart City Solutions.**

What is it?

- IoT and AI based solutions to transform your urban area to a smart city. Based on the award winning Wapice IoT-TICKET® innovation platform.
- Use data driven decision making like never before. When the funds go where they make the biggest difference, everybody wins. You and your citizens.
- You can take small steps or bigger – it's up to you. Start with for example smart mobility, advance to smart lighting etc.

How will it change the future of your city?

Measure what matters

Measure and optimize the energy efficiency and carbon footprint. Analyze and predict maintenance needs.

See the big picture

Focus your services to where it matters the most and give your citizens easy access through digital applications – cost efficiently.

Create entirely new business opportunities

Our smart city ecosystem enables service innovation and growing business through digital services and data for local companies.



Energy

Green and flexible

Solution: **IoT-TICKET® Green Energy Monitor**

- Monitor and maintain renewable energy power plants
- Powerful and customizable remote controlling
- Easy to use user interface and dashboards

"With the help of Wapice's IoT solution, we have been able to offer Helen's customers safer and higher-quality solar energy solutions, e.g. through remote monitoring and efficient maintenance services."

– Riku Kuikka, Helen

Buildings

Carbon negative and healthy



Solution: **IoT-TICKET® Building Fleet Monitor**

- Manage multi-supplier building fleet in a single application
- Harmonize the building data and management
- Analyze building fleet utilizing full lifecycle data

"Business benefits have quickly materialised while working with Wapice. IoT-TICKET® platform enables rapid deployment of value-generating applications compared to traditional software development projects."

– Teemu Hausen, Granlund



Mobility

Sustainable and easy

Solution: **IoT-TICKET® Smart Mobility Insights**

- Optimize city mobility carbon footprint
- Improve city traffic safety
- Traffic data in single application

"The commissioning of the solution was very fast and flexible. The solution is also very cost-effective, as the data provided by the existing infrastructure can be utilised in completely new use cases."

– Markku Niemi, Business Tampere

Urban Areas

Safe and clean



Solution: **IoT-TICKET® Outdoor Area Insights**

- Optimize maintenance costs
- Enable safe and clean urban areas for citizens
- Data driven planning of urban areas

Solution: **IoT-TICKET® Smart Lighting**

- Optimize city lighting maintenance costs
- Improve citizen experience and urban area safety
- Monitor multi-supplier lighting fleet in a single application

"With the help of the IoT platform, we can automate operations, anticipate maintenance needs and get more detailed information to support planning, decision-making and management"

– Milko Tietäväinen, City of Tampere



Smart City Platform

Open and flexible

Solution: **IoT-TICKET® Innovation Platform**

- True Smart City ecosystem platform for city partner network
- Create, innovate and share ideas and data
- Enable groundbreaking innovation

"The use of the platform has attracted interest in various city departments and new use cases are on the way."

– Mika Heikkilä, System Manager, City of Tampere

"The city acts as a platform for experimenting and developing new solutions. Through carbon neutral solutions, the city opens up its operations, development projects and challenges to businesses and communities to create new business opportunities. The extensive use of Wapice's IoT platform will strengthen Tampere's position as a growing and sustainable smart city"

– Maarit Vehviläinen, City of Tampere