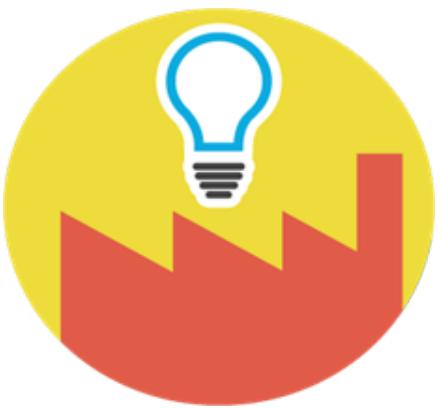




City Logistics ICT Platform



- **FOS S.P.A.** is SME founded in 1999 in Genoa
- **FOS** offers software and hardware products, and network infrastructures integration
- **FOS** is active in Italy and Europe



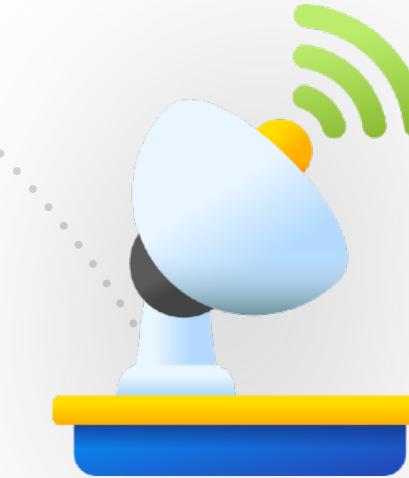
Business Areas



Data Center



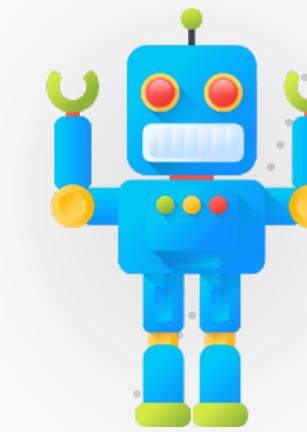
Information Technology



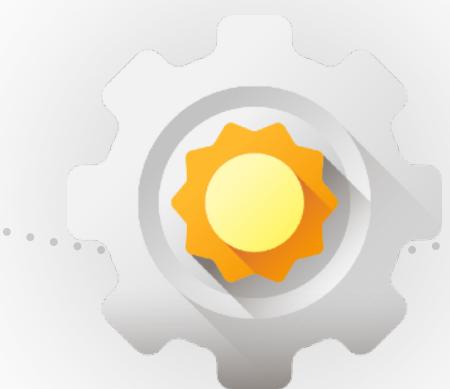
Communication
Technology



Digital Learning



Automation &
Solution



Engineering



- **Talos s.r.l.s.** is SME founded in 2016 in Genoa
- **Talos** is born from the CyberSecurity Laboratory at the University of Genoa.
- **Talos** offers services and innovative solutions in the field of cyber security



Services



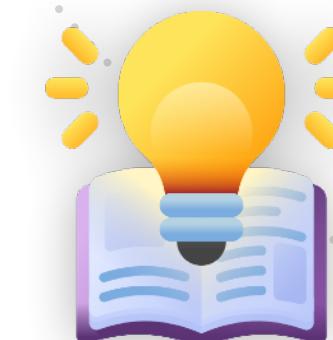
System Hardening



Vulnerability Assessment &
Penetration Testing



Secure Code
Review



Specialized CyberSec
Training



Research & Development



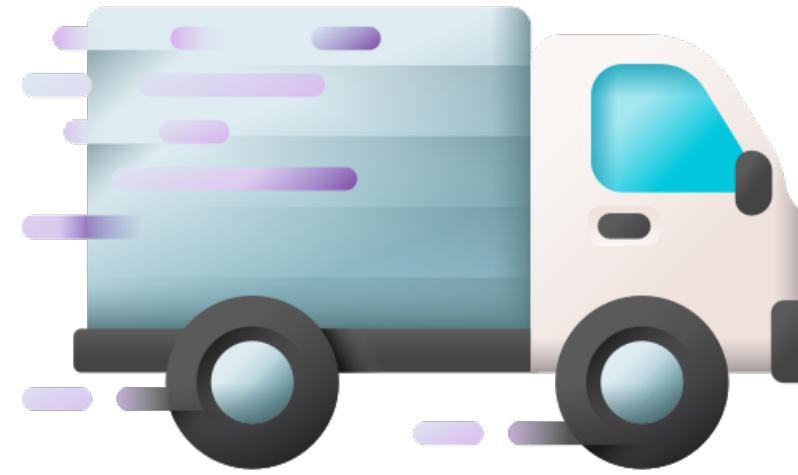
The Problem in a Nutshell



The Logistic Problem of Genoa



The Problem in a Nutshell



~ 20900 commercial vehicles



The Problem in a Nutshell



~ 1200 couriers



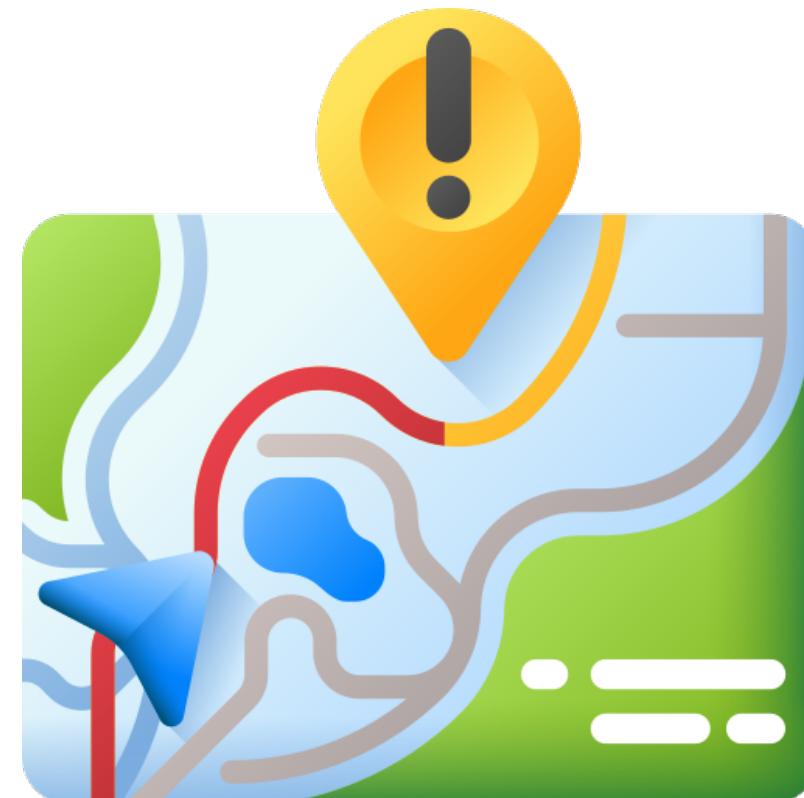
The Problem in a Nutshell



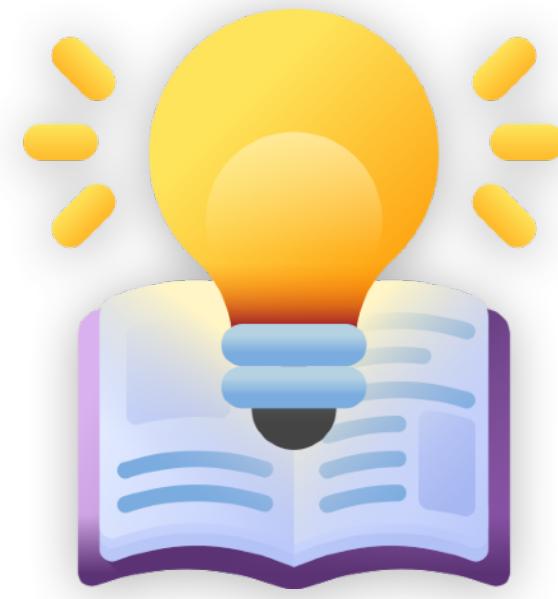
~ 140.000 packages delivered



The Problem in a Nutshell



Traffic is not closely monitored



City Logistics ICT Platform



City Logistics is an IT platform for managing, organizing, and optimizing traffic flows of logistical activities

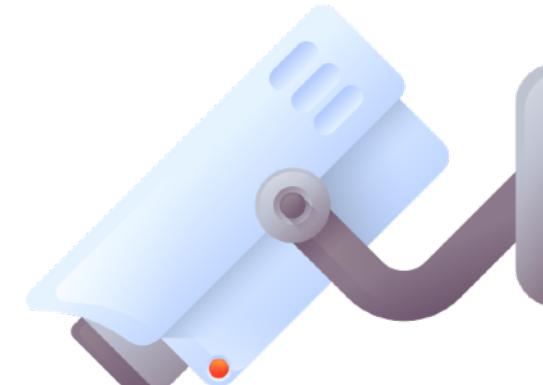


City Logistics ICT Platform: Details





City Logistics ICT Platform: Details



Cameras



Vehicle GPS



Parking Areas



**Destination of the
deliveries**



City Logistics ICT Platform: Benefits



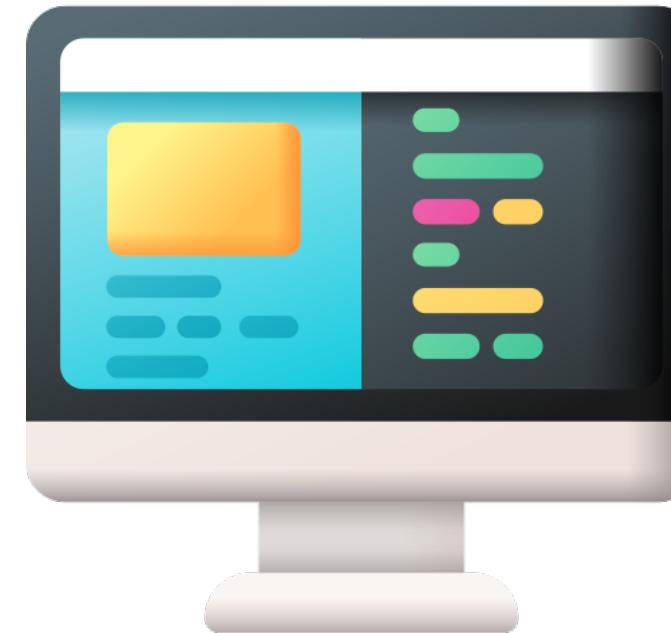
City Logistics



The organization of
transportation flows



City Logistics ICT Platform: Benefits



City Logistics



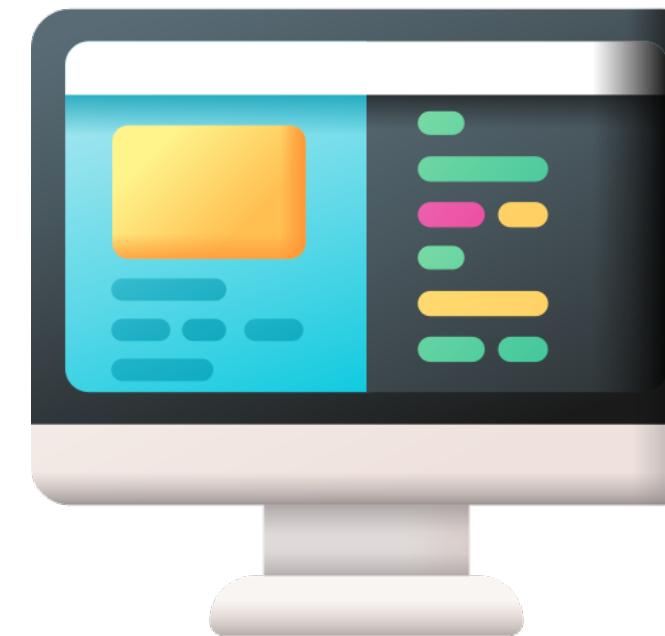
The organization of
transportation flows



Decrease of pollutants



City Logistics ICT Platform: Benefits



City Logistics



The organization of
transportation flows



Decrease of pollutants



Time Optimization



City Logistics ICT Platform: Student Project

Objective:

The project aims to develop a smart routing component that can efficiently handle critical situations and unforeseen events in real-time. The system will notify both the central operator and individual carriers of any criticality or unforeseen events that may arise during trip planning or while en route.

Technologies:

Java Spring Boot/Python, Git, Angular 15



<https://gruppofos.it/>



<https://talos-sec.com/>