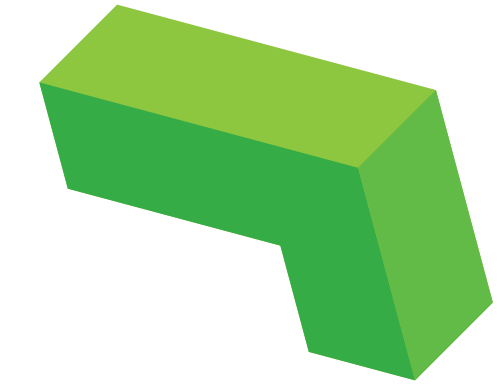




## **We Innovate Pilsen**

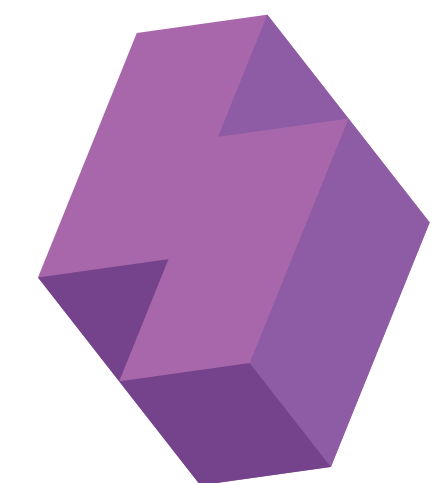
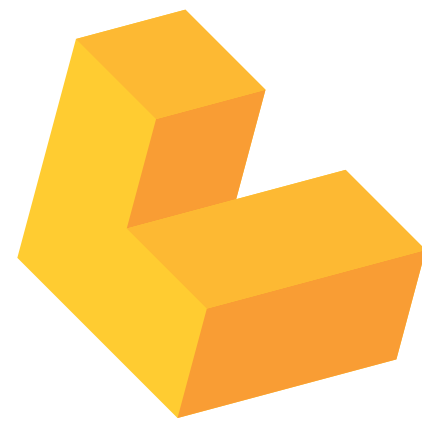
With the help of modern technologies,  
we make life easier, we develop  
talents and inspire businesses.

**Together we create a smart city.**



We are the **Information Technology Administration of the City of Pilsen** (SITMP) – a contributory organization of the statutory city of Pilsen. Thanks to many years of experience and knowledge of public services, SITMP comes up with many technological innovations that support the development of a smart city and facilitate the daily life of its citizens and employees of city organizations.

Our activities are based on three pillars – making life easier, developing talents and inspiring businesses. In this way SITMP can contribute to the reputation of Pilsen as a smart city, where it is easy to live and do business, where people are well-educated and the municipal authority is effective.



## We Make Life Easier

With the help of modern technology, SITMP creates a city where people live well and where the real needs of municipal organisations and the citizens can be easily met.

Our internal customers is the statutory city of Pilsen and its organizations, for which we provide the following key services:

- **robust and secure infrastructure:** metropolitan network, Internet of Things (IoT) network, data centers and telecommunications environment
- **the dynamic information system of the city** with hundreds of related applications enabling the performance of services and agendas of the city, the system which is inspired by and also able to participate in HORIZON2020 (HORIZON EUROPE), the prestigious European programs
- **modern technology for end users:** service of 6000 computers, 1600 requests per month
- **data from the information system of the city of Pilsen:** clearly interpreted data describing the city of today and enabling to plan the city of tomorrow

Our other customers include citizens, entrepreneurs and visitors to the city, for whom we provide:

- **innovative information system of the city:**
  - efficient and smooth online administration (“Vyřídíte si na úřadě” — Procedures for solving life situations in the city of Pilsen)
  - advanced integration platform for applications making life easier (remote water meter readings, etc.)
- involvement of **drones** in the Integrated Rescue System (IRS)
- **open data:** a source of information from various areas of urban life (eg. online data on traffic intensity, the workload of the counters in the municipal offices, etc.)
- **free WiFi:** connection in municipal buildings, relaxation zones of the city and sports grounds

### Project presentation video:

- Smart solutions in real life practice [youtu.be/55\\_yoelHniQ](https://youtu.be/55_yoelHniQ)
- Drones and IRS [youtu.be/55XUgkUa-hw](https://youtu.be/55XUgkUa-hw)

## We Develop Talents

SITMP provides comprehensive technical education, builds a community and develops technical thinking and skills in order to have more pupils and students in Pilsen who are interested in technology, get high level of technical education and who choose to study at local schools.

### Center of Robotics

- increases children's interest in technical fields in the form of leisure education (workshops, suburban camps, competitions)
- educates lecturers to meaningfully integrate digital technologies into teaching, develops computer thinking and digital literacy
- organizes excursions for schools within robotics, electronics, natural sciences, etc.
- organizes competitions for students and pedagogues
- participates in the introduction of robotics teaching at Pilsen primary schools

### SIT Port

- works with the 16+ community and cooperates with other organisations (Nvias, Techheaven), organizes events such as Hackathon, Startup Weekends, etc.
- provides quality facilities based on the principle of coworking, HUB, workshops and laboratories for technical experimentation
- cooperates with secondary schools and university in the Pilsen region: supports the technical education and use of the IoT network in teaching
- implements unique projects such as PilsenCube II (student satellite) and DronApp (programming and innovation related to drones)
- popularizes modern technologies — Dronfest festivals, Innovujeme Plzeň

### DronySIT

- strengthens the interest in unmanned aerial vehicles
- provides the Unmanned Aerospace Industry certificate program in cooperation with the UWB
- supports the drone education in secondary schools in the region

### Project presentation video:

- Center of Robotics [youtu.be/V1bcN4lGmgA](https://youtu.be/V1bcN4lGmgA)
- SIT Port [youtu.be/zGP10-BObll](https://youtu.be/zGP10-BObll)
- Pilsen Cube II [youtu.be/UhLIFPzEH\\_M](https://youtu.be/UhLIFPzEH_M)
- Dronfest [youtu.be/Ra6jYDCNfVA](https://youtu.be/Ra6jYDCNfVA)
- We innovate Pilsen [youtu.be/m5Qed0cteTw](https://youtu.be/m5Qed0cteTw)
- Unmanned aerial vehicle program at the UWB [youtu.be/rQMZpi5fvh4](https://youtu.be/rQMZpi5fvh4)

## We Inspire Businesses

We support the establishment of technology-oriented companies and attract the existing ones to move to Pilsen by improving the business environment. We support the employment of local talents and develop the business potential for the future of the city.

### SIT Port

- Within the CHALLENGES for the community of 16+, SIT Port presents real topics related to the problems of the city, its organization or the operation of commercial companies in the region. Project teams design solutions and then implement selected ideas. The team members draw on valuable practical experience, financial reward and, last but not least, a product (prototype) which they can succeed in the market with. The city or other important partners thus become the first important client, a reference

### DronySIT

- provides data, technology and experience to students who are interested in developing applications for the unmanned industry
- looks for areas where drones can be used, test scenarios for their deployment and transfer our know-how to the commercial sector
- carries out development, research and participate in prestigious European programs

### TechTower Světovar

- a technology park with an area of 8500 m<sup>2</sup> which is currently being built for innovative technology-oriented companies (planned commissioning in January 2022)

### Videoprezentace projektů:

- DronySIT  
bridge inspection [youtu.be/LRzMRureXog](https://youtu.be/LRzMRureXog)  
production hall inspection [youtu.be/Wp2XlcnhgRI](https://youtu.be/Wp2XlcnhgRI)  
fire sensors [youtu.be/m\\_-keuX4yOU](https://youtu.be/m_-keuX4yOU)