



# **GC System a.s.**

**IoT in Enterprise Applications and platform integration**



**GC SYSTEM**  
Váš partner pro informační technologie

[www.gcsystem.cz](http://www.gcsystem.cz) | [www.gcpack.cz](http://www.gcpack.cz) | [info@gcsystem.cz](mailto:info@gcsystem.cz)

# Agenda

- Company overview
- GC System expertise and portfolio
- Current projects:
  - Our Facility Management solution
  - Railway cart tracking study
  - Ice hockey player tracking pilot



# GC System company overview

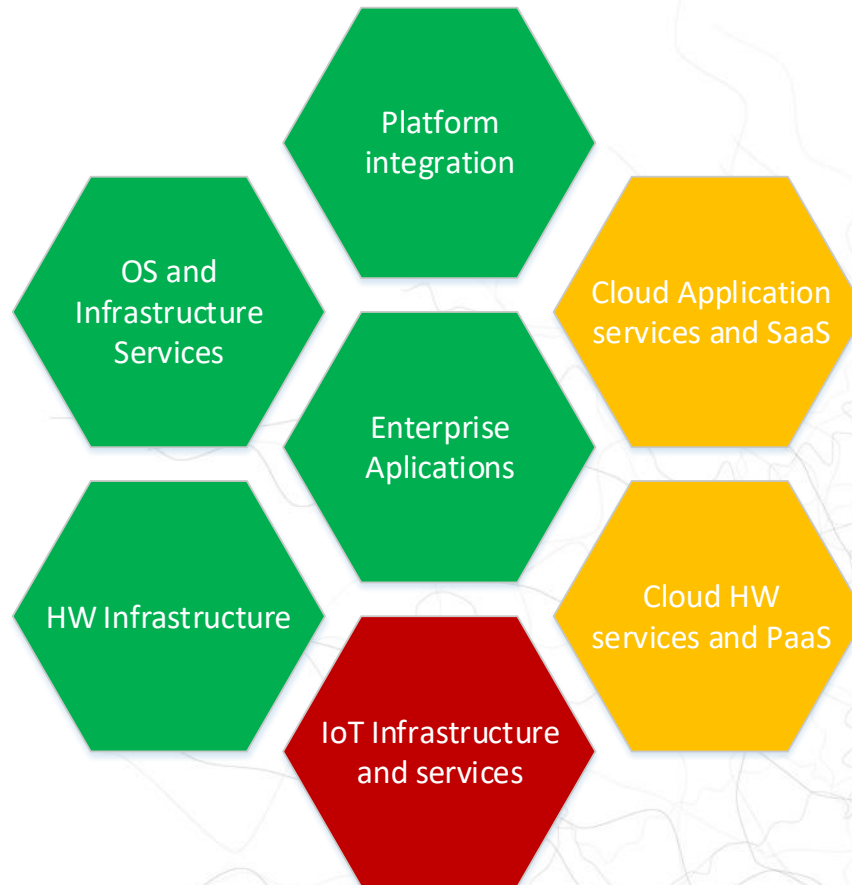
- GC System has been active on the Czech market since 1990
- GC System branch offices in Brno, Prague, Ostrava, Bratislava (Slovakia)
- 70 employees
- One of the biggest IBM Business Partners in Czech republic
- IBM Platinum Partner, partner of the year 2017
- Company annual turnover is around 800 million CZK
- ICT infrastructure implementations and software development

## Corporate strategy

- High quality ICT services
- Qualified ICT team
- Sustained added value for customers
- High-end and enterprise solutions



# GC System expertise and portfolio



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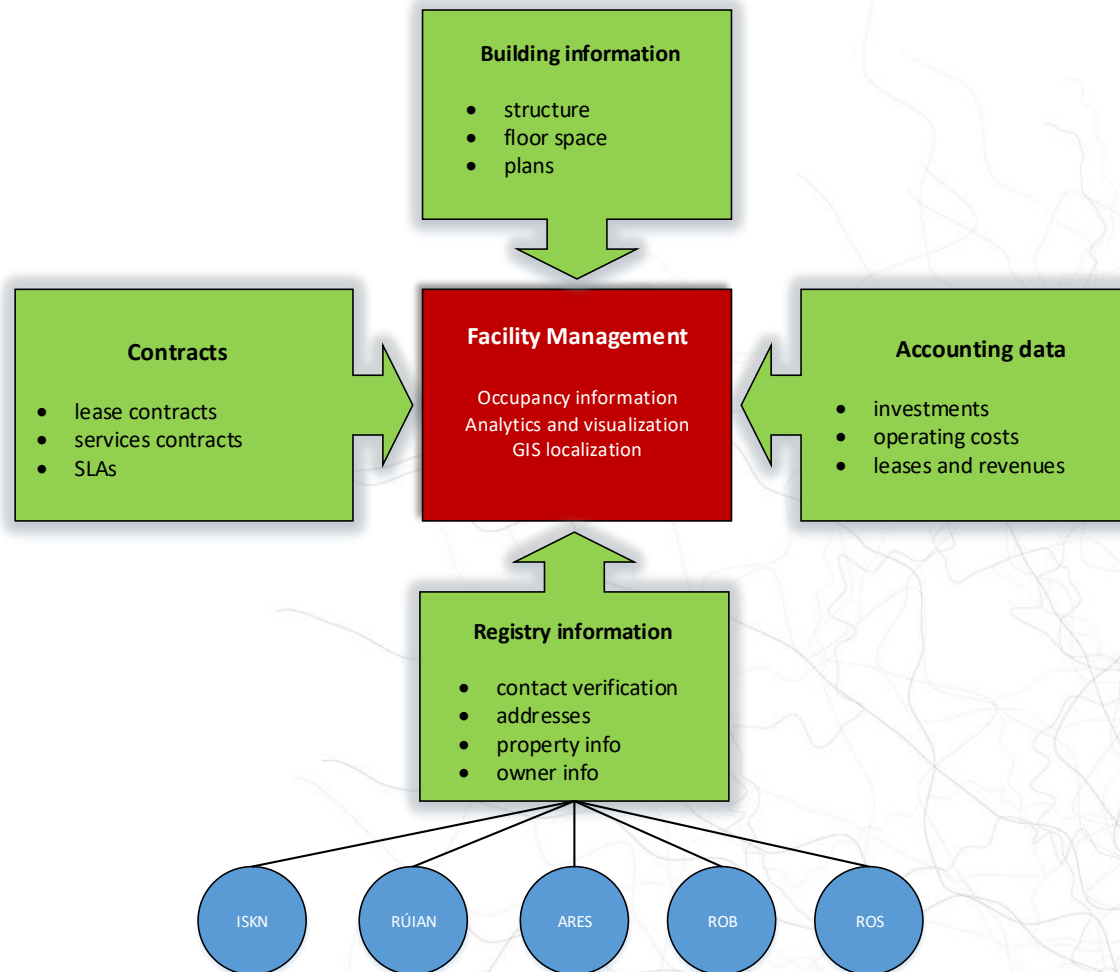
# Facility Management – our solution

➤ Facility Management – contains all state owned or used office buildings and associated buildings and land

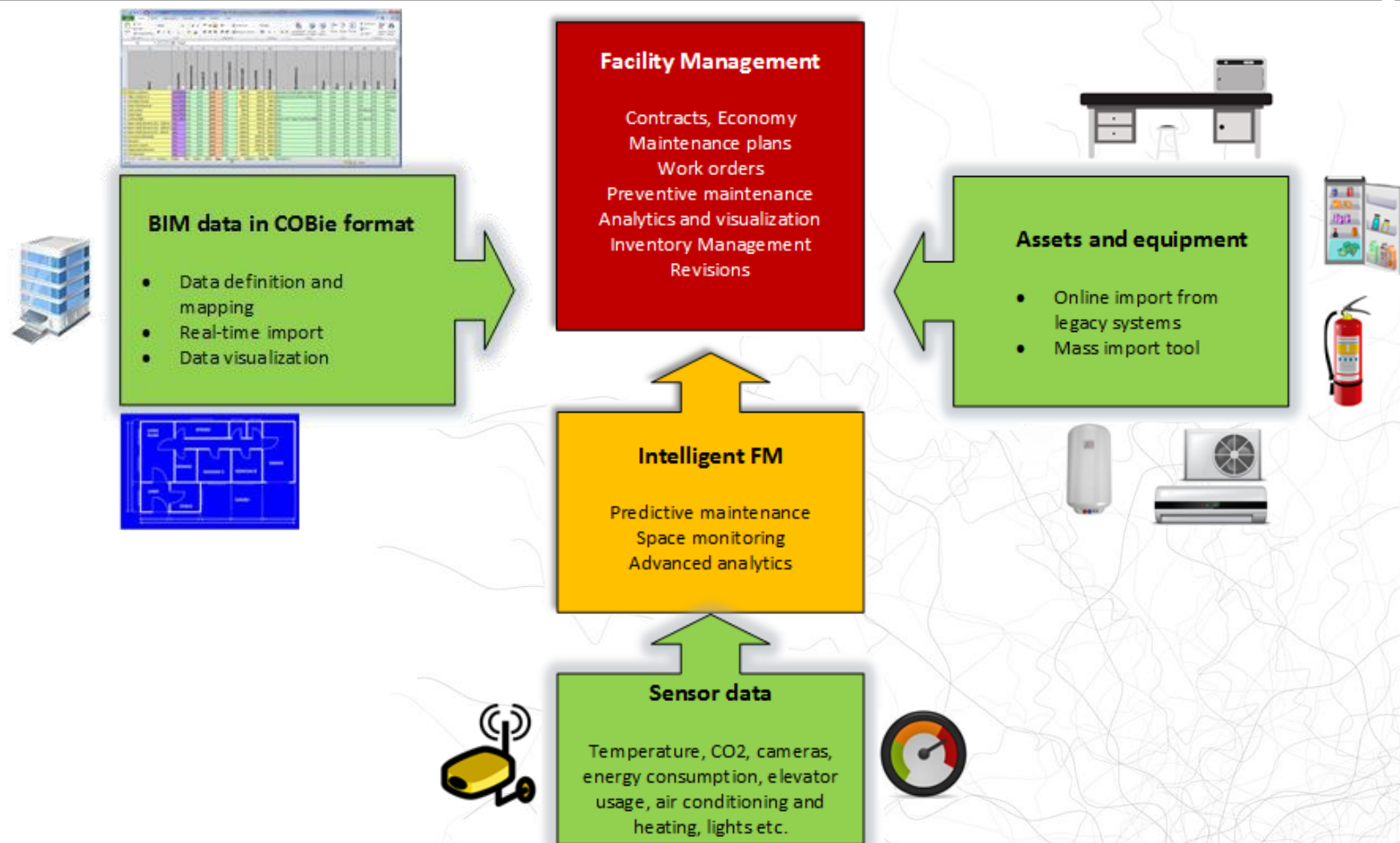
- Based on IBM Maximo product
- Maintains acquisition, capacity, cost/revenues information
- Integrated with internal and public portals to sell RE that is no longer needed by state
- Integrated with map servers to display building plans (DWG, DGN formats)
- Integrated with map servers to use public map services and contains custom GIS layers
- Integrated with ISKN and RUIAN to verify cadastral information and addresses
- integrated with ROB, ROS and ARES to verify and acquire company information and personal data



# Facility Management – first step



# Facility management – our road to IoT



# Railway cart tracking

## ➤ Vehicle tracking study and options considered

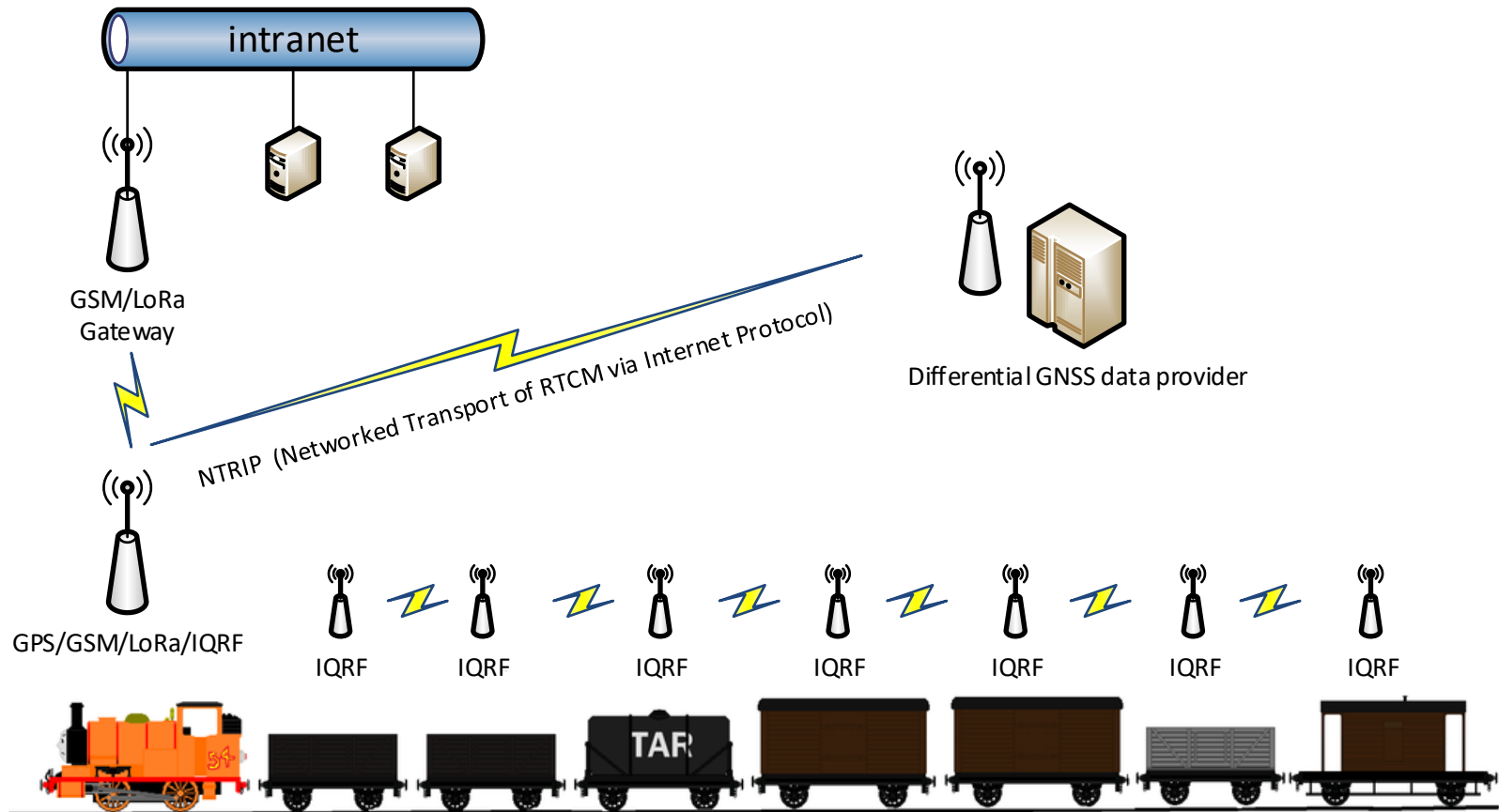
- RFID
- Optical tracking
- GNSS
- IQRF



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# Railway cart tracking



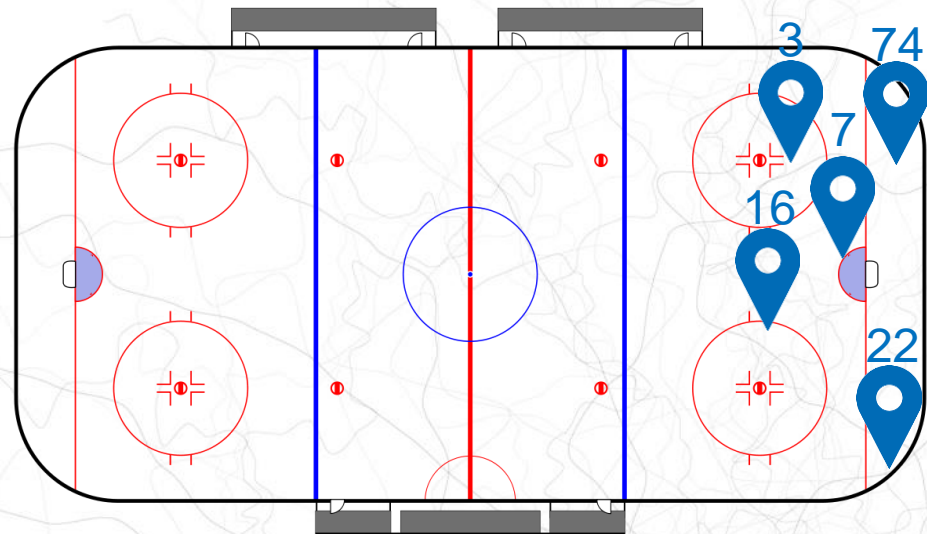
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# Ice hockey player tracking

## ➤ Dynamic player performance tracking

- ice-time
- speed and acceleration
- distance
- heatmap
- other??



# Contacts

## GC System offices:

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## Contacts:

### Sales representatives

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# The End

**Thank you, let's meet and cooperate**



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