

ANTO LOGIC

**Coding
Commerce**

We implement market-leading platforms and
create brand-new software solutions.

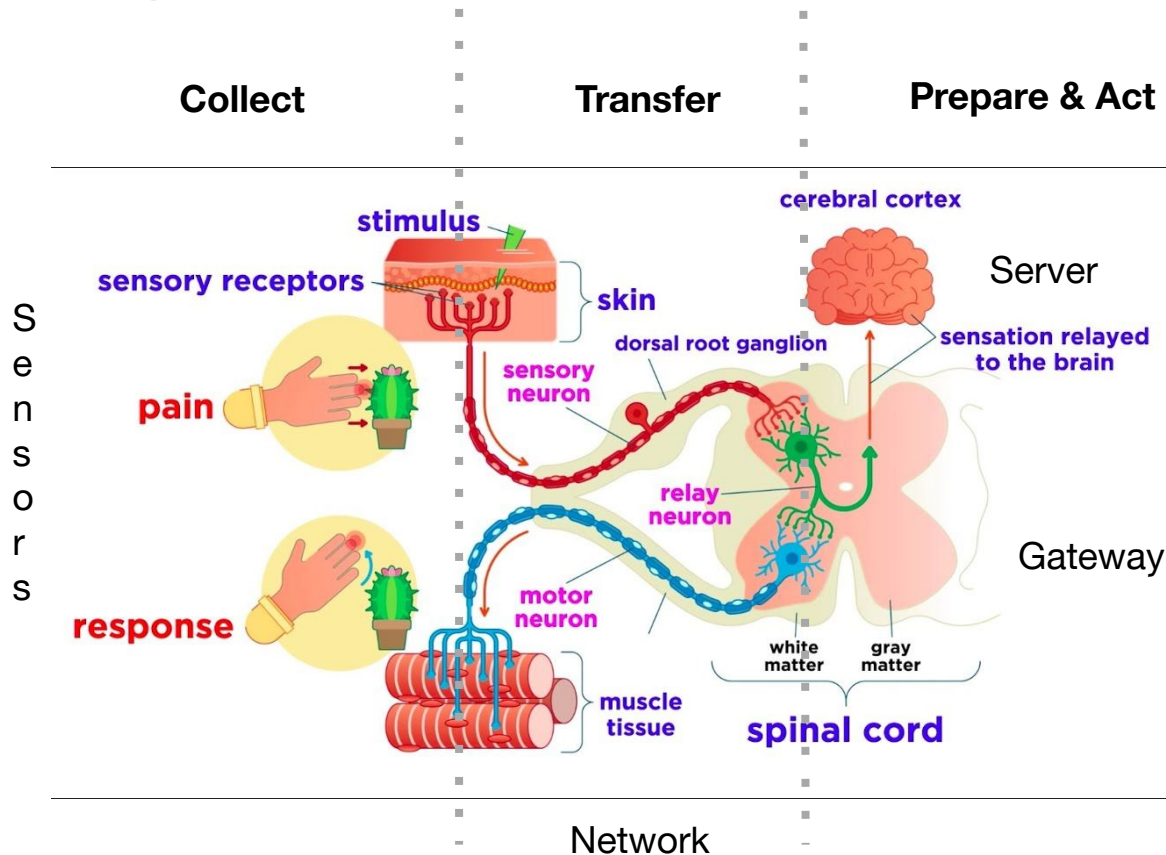
Agenda



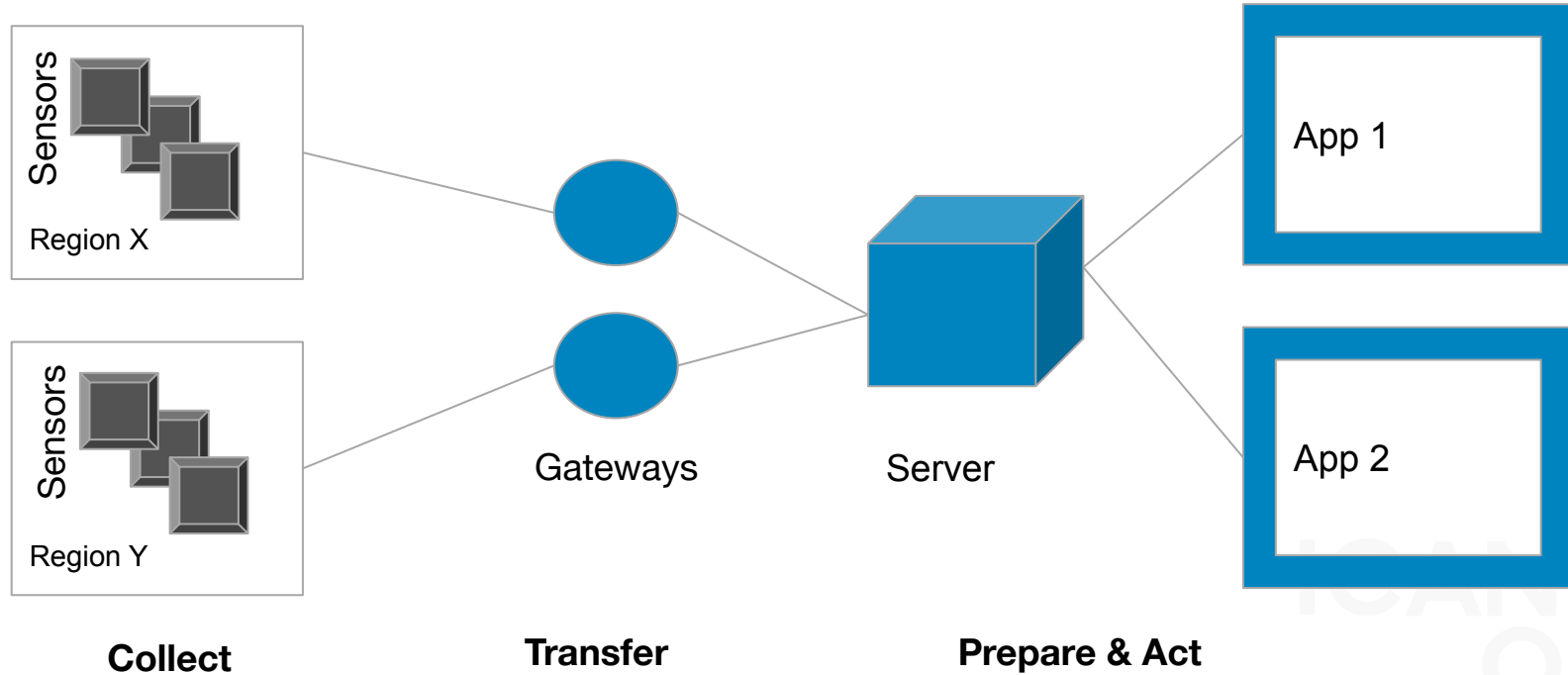
1. Smart City
2. It's all about the data
3. Suncil
4. PerCiLight
5. The future - ASANA
6. How it all started



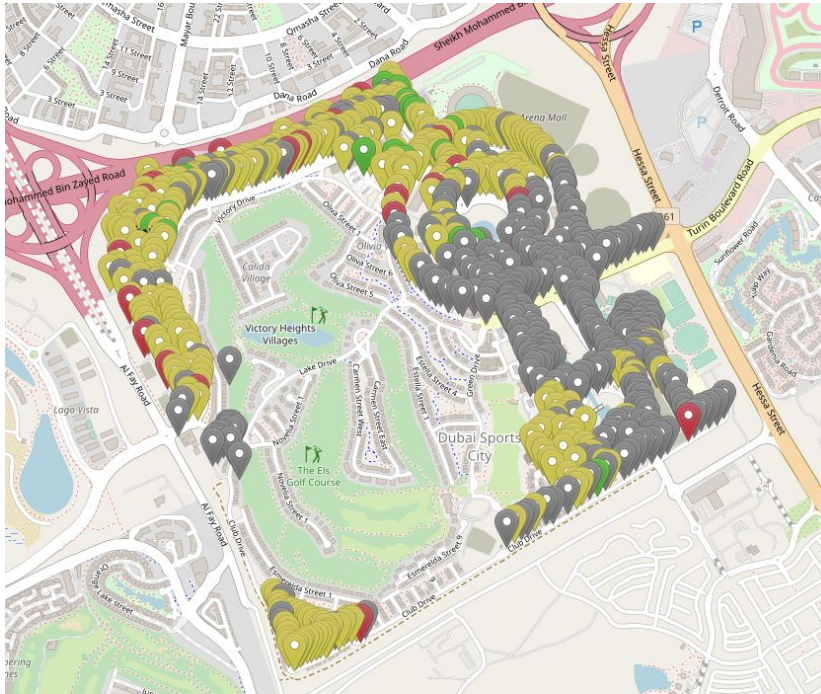
Smart City



It's all about the data



Suncil



What's all about

- Mission: Supporting sustainable urban development through clean energy solutions
- Vision: Creating safer, smarter, and healthier cities

Dubai

- 700+ lamps in Dubai Sports Center
- 4 gateways
- 2 servers

Suncil - challenges & solutions



Challenges

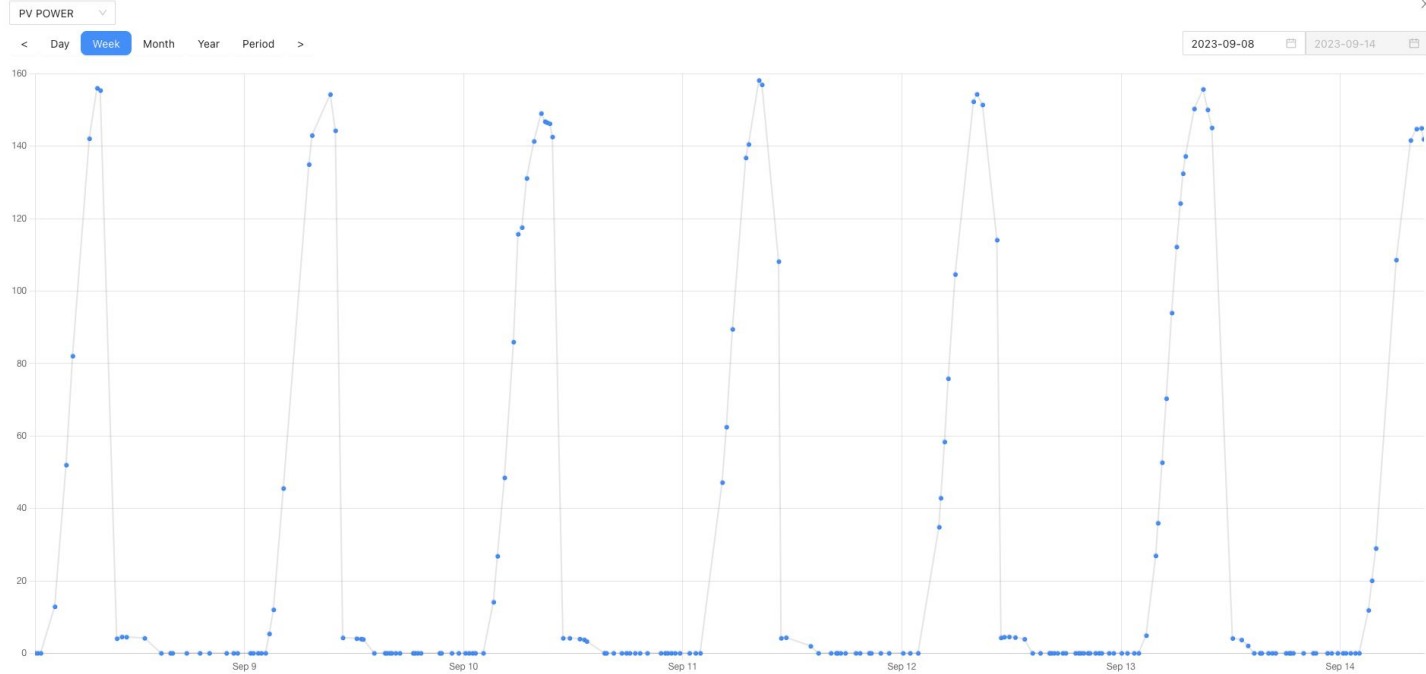
- Large amount of data
- Scalability of the system
- Sand accumulation on solar panels
- Battery lifespan and monitoring
- Lamp failures
- Security concerns
- Predictive maintenance

Solutions

- Google Protobuff as a protocol
- Custom communication protocol
- AI algorithms to sand detection
- Reporting
- Alerting
- ...
- Predictive maintenance algorithms to detect future failures

Those challenges & solutions are not specific to the project!

Suncil - the chart



PerCiLight - Transforming Dementia Care



PerCiLight stands as a testament to the transformative power of technology in the realm of healthcare, particularly for elderly individuals battling dementia

- **Innovation:** IoT-driven solution for elderly dementia patients
- **Technology:** Advanced sensors, configurable software
- **Impact:** Anomaly detection, customized care, circadian rhythm support
- **Privacy:** Non-invasive, on-premises/cloud options, anonymized data
- **Implementation:** Denmark

The future plans - ASANA



Develop an autonomous system that models real hotel properties in a specific area using only open-source data.

- **AI Algorithms:** Utilize advanced AI algorithms for data analysis and modeling.
- **Monitoring Offer Changes:** Continuously monitor and analyze hotel offer changes to understand motivations and inform business decisions.
- **Result Simulation:** Predict outcomes of hotel parameter changes, considering their impact on other properties in the group.
- **Recommendations and Optimization:** Provide revenue optimization recommendations and support decision-making processes.

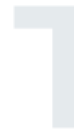
How it all started - Rhino RWM



Rhino RWM was a very first Smart City project we did back in 2013, 2nd iteration took place a few years later

- resource consumption monitoring
- sensors installed in the large facilities
- custom gateway and transmission protocols
- bi-directional communication
- custom server solution + custom application to monitor and to manage the facility

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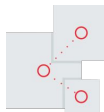


**Over 17
years**

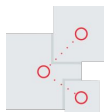
of working with the
world's biggest brands



Located in PL,
operating globally



70+ Engineers



**Specialized in bespoke solutions
for backoffices**



We're a technology-oriented, agile-driven company



We don't just build platforms, we deliver business capabilities