

## OVERVIEW



## FEATURES

- Web portal developed in PHP language
- UI configuration based on dynamic UI configuration files
- Modular architecture
- API-based communication with the back-end
- Layered organization of heterogeneous components ("pillars")
- Back-end module exposing HTTPS REST APIs and MQTTS connectors
- Integration with external "verticals" through different application protocols

APPLICATION AREA:

SMART CITY

## REFERENCES

- L. Belli, L. Davoli, G. Ferrari, "Smart City as an urban intelligent digital system: the case of Parma", *IEEE Computer*, 2023, to appear.
- L. Davoli, L. Belli, A. Dall'Olio, F. Di Nocera, P. Adorni, A. Cantelli, G. Ferrari, "Data integration in a Smart City: a real case," book chapter in Springer book, "The City Project" book series, 2023, to appear.
- L. Belli, A. Cilfone, L. Davoli, G. Ferrari, P. Adorni, F. Di Nocera, A. Dall'Olio, C. Pellegrini, M. Mordacci, and E. Bertolotti, "IoT-enabled smart sustainable cities: challenges and approaches," *Smart Cities*, vol. 3, no. 3, pp. 1039-1071, 2020. DOI: 10.3390/smartcities3030052.