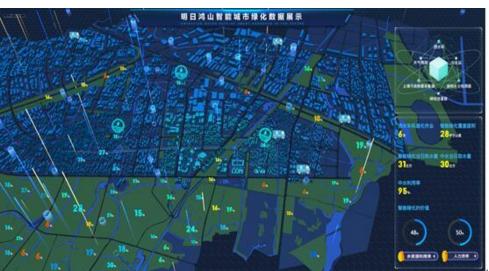Example 1: Smart Environment

Example 2: Data of city green land

First IoT town in China
Hongshan: A humble Chinese town starts the new era of IoT

"Smart city" has become a buzz word nowadays, but being able to pull the right resources and efforts to make it happen has always been a challenge. The establishment of Hongshan IoT town is undoubtedly a great illustration of how to achieve this objective by gathering different resources and by launching different projects.

If we look at the broader picture, 6 essential modules will be established at the initial stage: Smart data system – it will be the first NB-IOT/5G town, Smart transportation system, Smart travel system, Smart medical system, Smart agriculture system and Smart community system.

When we look closer, many exiting piloting projects have already been launched in this town. For example, "IoT environment" monitors the trash pick-ups, air conditions and weather conditions. "IoT healthcare" allows medical records and wearables data (especially for elderly people) to be stored in the cloud and to be accessed directly by doctors; it also displays the status of different clinics in real time. Furthermore, "IoT education" in Hongshan primary school reveals a picture for future education where there will be no librarians in the library and no paper textbooks for studies anymore. Moreover, 2 products have already taken their roles in people's daily life. The "Smart parking lot" provides one-stop automatic parking service and gathers real-time status data of parking spaces. And 600 "Smart water meters" have been installed which allows people to access the numbers in distance, enables automatic alerts for water leaking and provides automatic valve turn-off option through app on phone.

To sum up, Hongshan IoT town plan has pointed out the importance to attract more expertise and resources to be able to make combinations, and therefore to amplify the influence.

My card from China
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