Abstract-**At the heart of smart factories is the issue of intelligence, and spatial intelligence is an important part of these factories: If something moves and the process is very important, you must first see where it happened. And what is it doing? Industry 4.0 describes an environment in which flexible and intelligent processes use data from sensors connected to all parts of a value chain at the same time as the event to optimize business processes. Nowadays, as the Internet of Things (IOT) provides high-volume, wide-ranging data, it is possible that when data is transferred to the Cloud for analysis, the opportunity to perform any activity on it is eliminated. Fog Computing technology provides Cloud implementation conditions near equipment that generates and operates IoT data.FOGFLOW is a fog computing-based framework for IOT smart city platform which by taking advantages of some features such as dynamically orchestrate IOT services over cloud and edges, in order to reduce internal bandwidth consumption and offer low latency and fast response time. A holding company has several factories and they want to implement "Industry 4.0" on their subgroups,using FOGFLOW framework by adding some devices such as robots and human bracelets.**