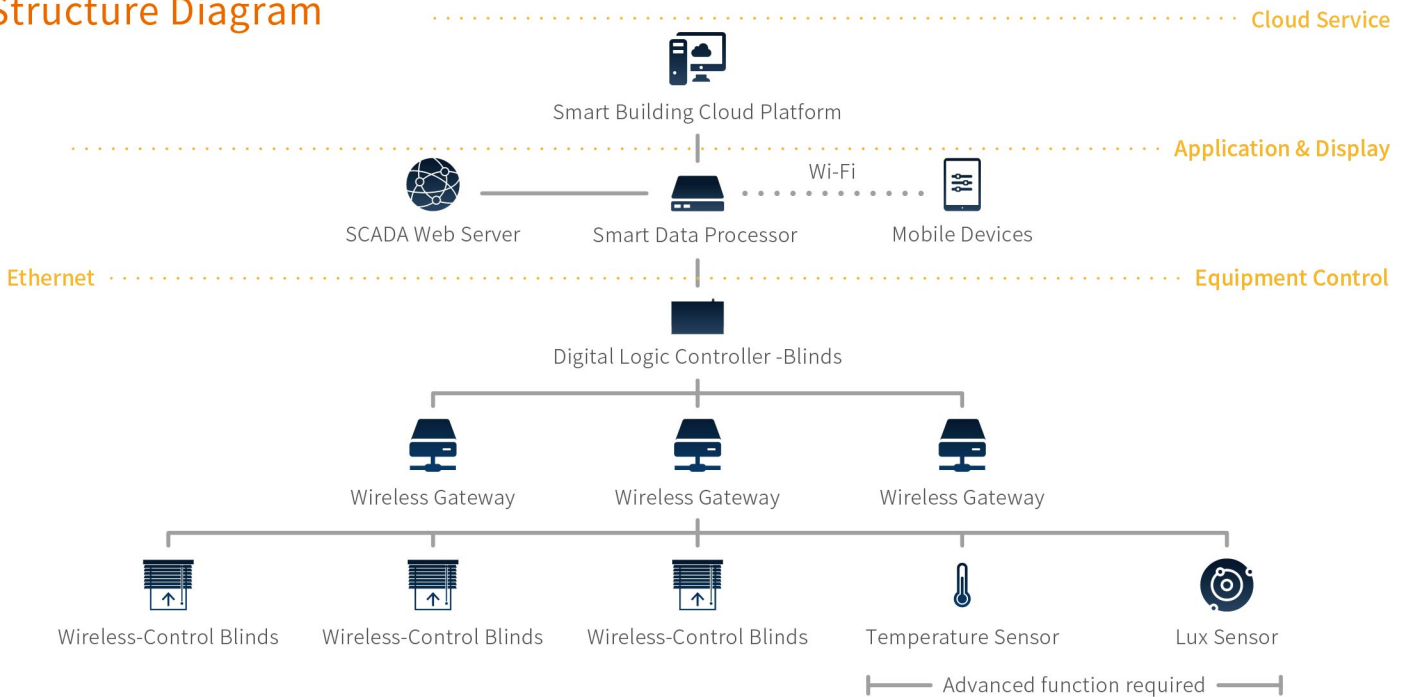




To control the position of the blinds by the algorithm, which is based on the outdoor illuminance, indoor and outdoor temperature, and the solar altitude angle & the azimuth angle of sun where the building is located, for meeting the setting requirements, and can also be controlled by linking with smart lighting system and HVAC optimization system to optimize the energy-saving and comfort.

# Smart Blinds System

## Structure Diagram



## System Features



### Wireless Network Architecture

Using Mesh Network, you can easily complete single or group control in a freely definable way without adding the blinds cable wiring.



### Scheduling

Users can set different blinds position for each space via a tablet or the web page.



### 0-100% Open Adjustment

Blinds position can be adjusted from 0% to 100%, and can feedback instant position information.



### Outdoor Sunlight Introduce Control

Users can set direct sunlight exposure length, and the system will control the position of blinds according to the location of the space and the sun angle information.



### Indoor Energy-Saving Optimization Control

The system can comprehensively compare the external cooling load with the energy saving of the internal lighting and sunlight to control blinds position.

