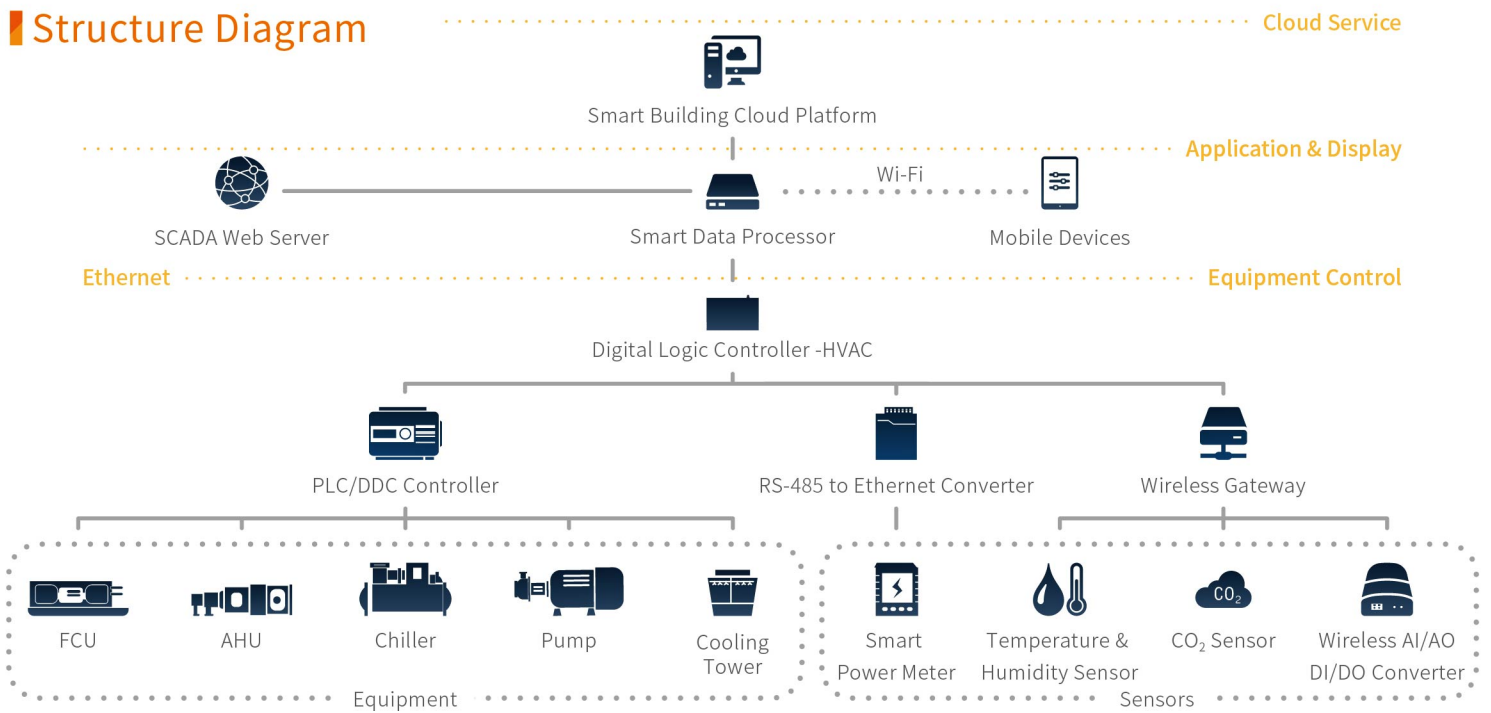







Completely collect the environment information and the operation data of the HVAC equipment to optimize the logic control through our algorithm to achieve the optimal HVAC optimization system combining comfort and energy efficiency.

# Smart HVAC Optimization System

## Structure Diagram



## System Features

 <p><b>Operation Indicator Tool</b></p> <p>To show the indoor air quality indicators and keep the optimal environment comfort, the system adapting wireless communication technology, uses sensors to collect data for temperature, humidity, CO<sub>2</sub> level and equipment power usage for live display.</p>	 <p><b>Demand Operation Control</b></p> <p>Can define a power unload strategy based on contract capacity, and further provide demand trend forecast and multi-stage active adjustment settings.</p>	 <p><b>Energy Efficiency Decline Alarm</b></p> <p>The system can continuously track status of equipment efficiency, provide the efficiency decline alarm for chillers and other devices, and further inform management team to arrange maintenance in advance.</p>	 <p><b>Simulation Prediction Tool</b></p> <p>Instantly collect weather and cooling load demand info to predict trends. The system actively and dynamically adjusts operation settings of each device based on demands, simulates the total energy usage, and matches the demand management simultaneously.</p>	 <p><b>Optimal Operation Strategy</b></p> <p>Dynamic optimization and adjustment of equipment operating parameters for indoor air side and water side to achieve the full HVAC system energy saving control.</p>
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