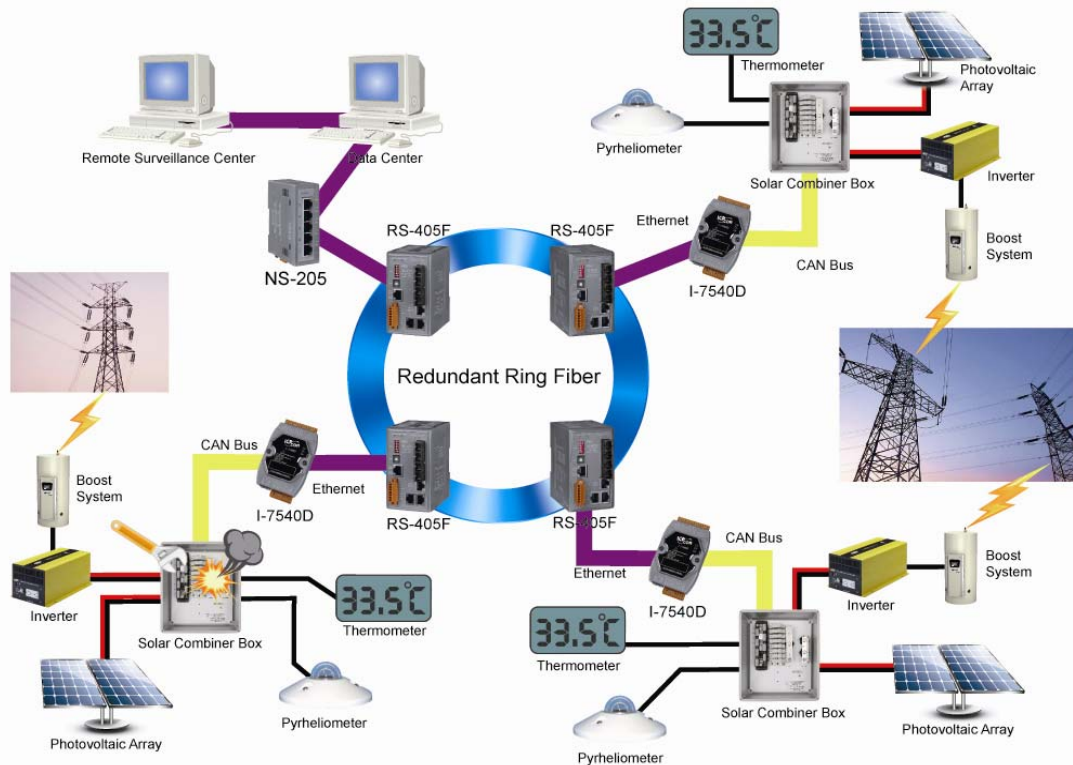


## Solar photovoltaic generation system

In recent years, solar power becomes the most popular power source as result of the impact of greenhouse effect. When using solar power, it does not cause environmental pollution and also not emit any adverse material to impact on the environment. So, solar power is one of clean energy source.



The solar combiner box collects solar energy via photovoltaic array and then these energies will be converted into D.C. Via inverter and boost system, the D.C. will be converted into A.C. and then A.C. be transmitted to power station via high-voltage tower. The application applies I-7540D in order to collect solar combiner box information, temperature of thermometer, and sunshine of pyrheliometer. The information will be integrated into data center via Ethernet. In order to monitor solar power information, the customer in remote surveillance center will obtain the information from data center via Ethernet.