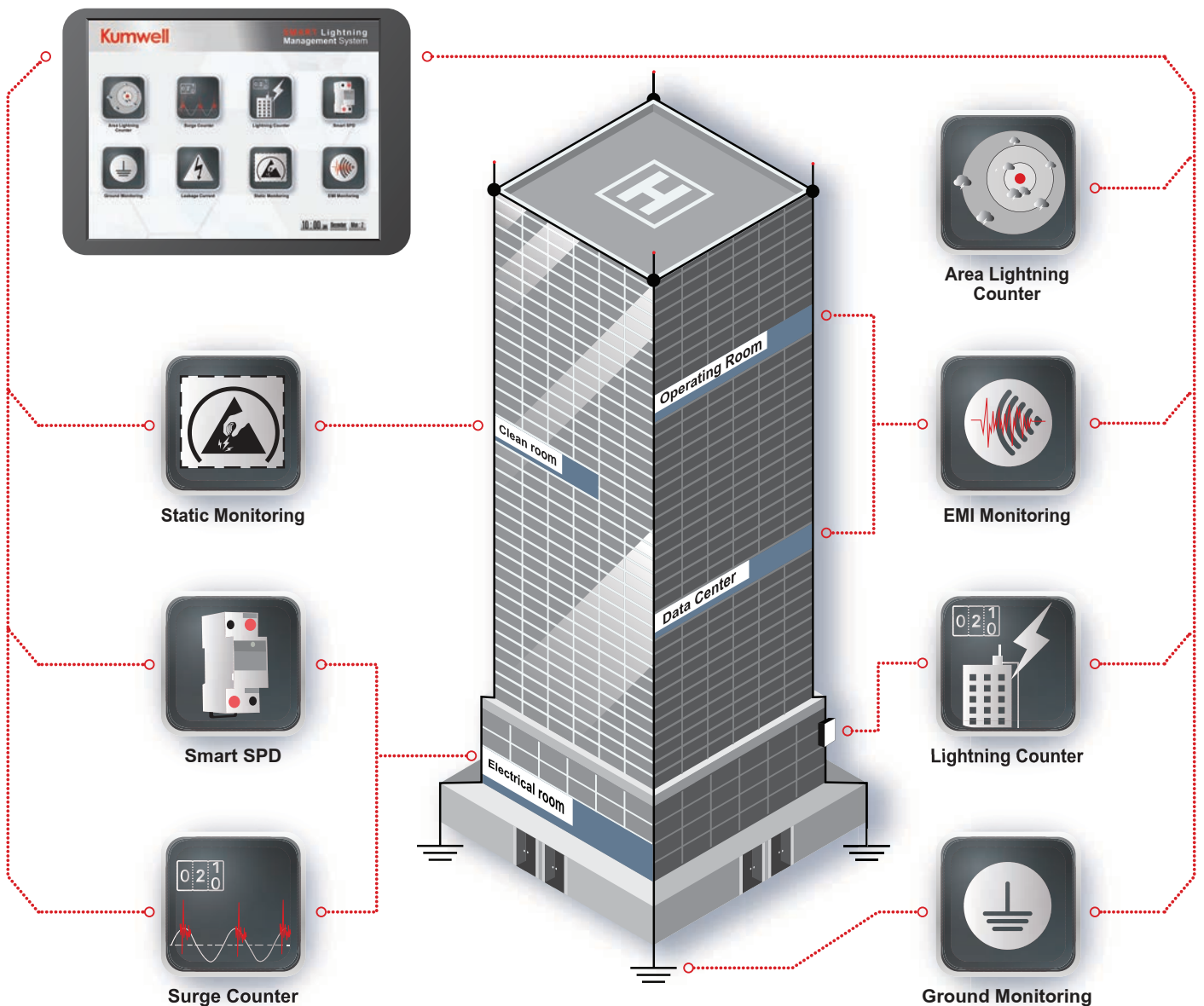


## Innovation

### Smart Lightning Management System

The innovative intelligent system by Kumwell providing the smart monitoring and overview real-time reporting on the status of installed systems in your area ie. lightning protection system, grounding and surge protection system etc. Smart Lightning Management system could promptly alarm on a dangerous threat by lightning and electromagnetic fields providing safety to every life in the working area and public places and reducing risk of damage to property, buildings, communication failure and any management system.



## Innovation

### Smart Lightning Management System



#### SMART

Smart system : Promptly alarm on a dangerous threat by lightning and electromagnetic fields



#### SAFETY

Safety : Establish higher safety level to person and public areas



#### SECURITY

Security : Provide electrical, electronic, communication and operating system continually run in stability and reliability



#### SAVE

Save : Reduce risk of damage to property, buildings, electrical, electronic, communication and operating system as well as reduce the maintenance cost.

### Features

- Real-time grounding system monitoring.
- Surge counter with latest date/time display.
- Lightning impulse counter with impulse current and latest date/time display.
- Area Lightning Counter Record the lightning event within an area of concern (AOC). Display and record the latest 5 lightning strike in AOC, showing the date/time, amplitude (kA), daily number of total strike.
- Monitor the electromagnetic interference (EMI) in dedicated surrounding. Display the electromagnetic field (EMF), electric field (EF) and radio frequency power (RF).
- Compatible with Kumwell Smart SPD. Real-time monitor the lifetime of SPD, leakage current, temperature and surge countering.
- Alert when there is electrostatic exceed the limit in the monitoring area. Which is extremely dangerous for hazardous areas such as paint mixing, fuel tank, etc.
- Real-time leakage current monitoring.
- Temperature and Humidity
- Prompt alarm when system failure has occurred.
- Multifunction Display showing status of individual system, alarm and data logger.
- Data transfer to PC client or server to show data logger and report (optional).

## Innovation

### Smart Lightning Management System : KSLM - Configuration

