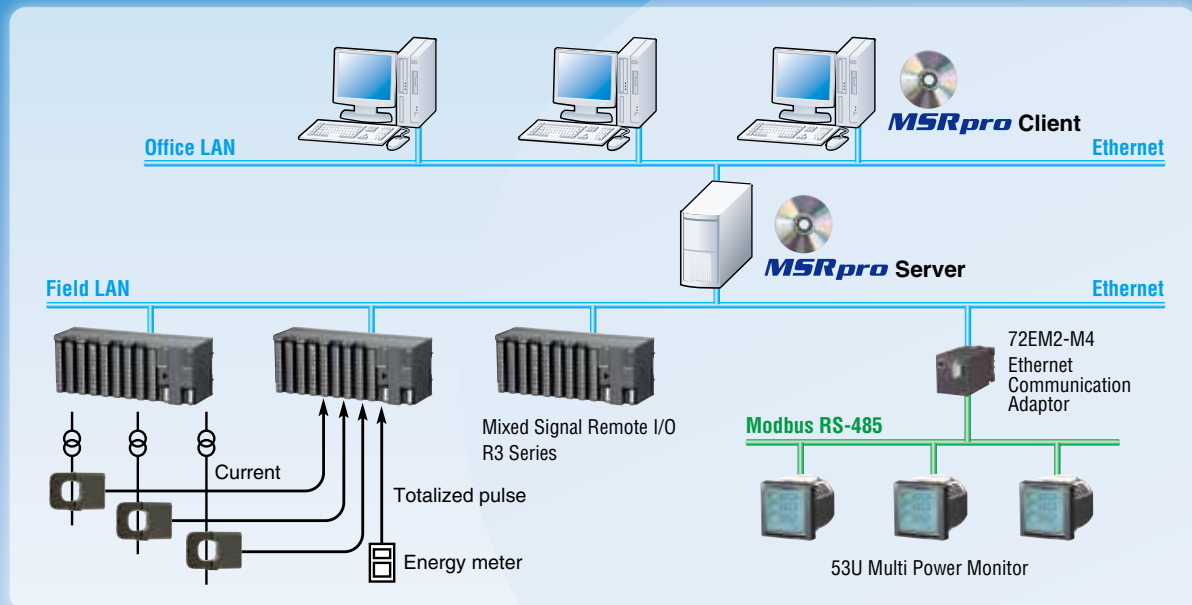


# Energy Consumption Monitoring System

- Minimum down time for installation of clamp-on current sensors; CT installation or rewiring is not required
- Existing office LAN can be used\*



## Easy-to-Install Current Sensor



- ✓ Easy installation
- ✓ Wide selections

Clamp-on current sensors are easy to install compared to current transformers (CT) which usually need extra modifications for the power distribution panel.

Clamp-on Current Sensor  
CLS Series



## PC Recorder Software



MSRpro and PC Recorder are user-friendly monitoring and recording software programs.

## I/O via Ethernet Network



With remote I/O installed in an unused space inside the power distribution panel, data can be collected effectively via the field LAN.

- ✓ Existing office LAN can be used.\*
- ✓ Wide range of mixed sensor signals can be monitored.
- ✓ Economical solution by choosing only necessary I/O function modules.

### Power Monitoring Modules from R3 Series

- AC current input module
- Zero-phase current (ZCT) input module
- AC voltage input module
- AC power input module
- Totalized pulse input module

Temperature, DC and other sensor signal inputs are also available.

\*Use of dedicated field LAN for the remote I/O is recommended.