



BMS Integrated Systems

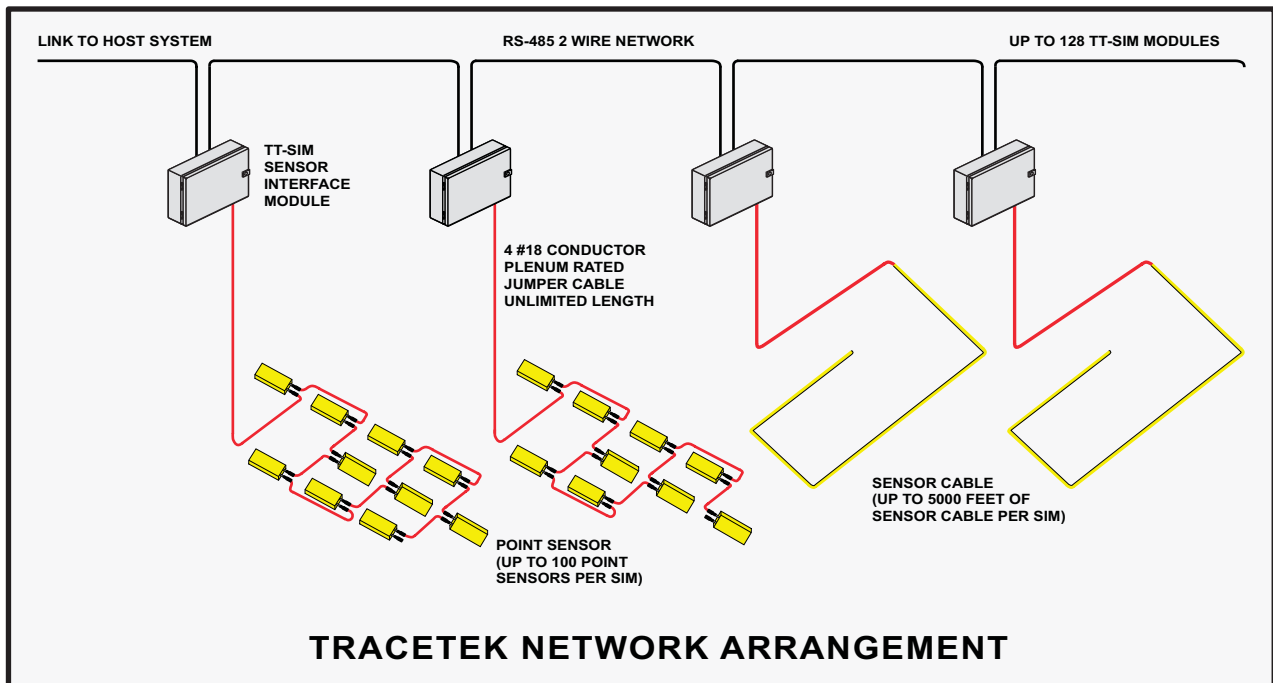
System Designer Notes:

In this application, low-cost TraceTek TT-Sim sensor interface modules are integrated entirely into the Building Management System (BMS). All displays of alarm, leak location, and cable status are provided by the BMS. TraceTek sensor systems are connected to the local TraceTek interface module(s) which communicate to the BMS via Modbus (ASCII and RTU). For Johnson Controls integrators, the interface modules are N2 Metasys open devices.

Any application of TraceTek sensors may be integrated, including raised floors, mechanical rooms, building piping systems, drain pans, fuel oil systems, document and art storage. Please refer to previous Newsletters or your local Representative for application details.



For larger areas, long runs of modular sensor cables are run around the perimeter of each room and on 8 foot centers throughout the coverage area. The perimeter sensor provides indication of ingress of water from external areas, and the serpentine cable picks up any leaks from piping or sources within or above the raised floor.



For smaller areas, short runs of sensor cable or sensor probes are located as required throughout the coverage areas.

All sensors are interconnected the other sensors and to the interface module via low voltage, plenum-rated jumper wiring. The patented Tracetek detection circuit allows the use of virtually unlimited lengths of jumper cable without affecting system sensitivity or response.

Please contact us for complete engineering specifications, AutoCad drawing details and system design assistance.