



Geist Manufacturing offers power distribution and monitoring solutions for a variety of data center environments. Although this graphic shows an unlikely pairing of cabinets, the variety of solutions suggested in the following paragraphs should demonstrate the variety of possible solutions available from Geist.

COMPUTER ROOM AIR CONDITIONERS (CRACs)—An ideal place for RacSense® Environmental units, which allow for remote monitoring of incoming and outgoing air temperatures, humidity measurements, and other critical environmental measurements. Additional remote sensors, such as water sensors, can be added to monitor moisture in CRAC drain pans.

SWITCH CABINETS—Typically defined by low power consumption and heat load, Geist’s EM 20Amp (VHV) and 30Amp (XP) series power distribution are economical and logical approaches for switch cabinets.

1U SERVER CABINETS—1U server cabinets present the greatest chance for ‘locked’ equipment. RacSense® GRCM and GRCU units allow for remote rebooting of locked servers, as well as allowing for remote monitoring of cabinet environmental conditions with the addition of remote environmental sensors.

BLADE CABINETS—Geist ZP series PDU’s outfitted with Geist’s EM series Ethernet meters allow remote monitoring of power consumption for high power applications such as blade server cabinets. ZP series PDU’s solve power distribution problems of up to 34 kW with single power feeds. Environmental monitoring units such as the RSE family can add critical temperature monitoring to heat generating blade cabinets.

CO-LO CABINETS—Co-Location Cabinets are an ideal place for RacSense® Master units, allowing remote, secure monitoring for environmental, power, and security status. Multiple security levels allow end users visibility of cabinet conditions and provide for a secure audit trail.