

INTEL CORPORATION DATA CENTER QUESTIONNAIRE

Please return by e-mail at least 3 business days prior to meeting if possible.

Your data will be consolidated and results will be interpreted and shared with CFRT attendees.

Design Changes

- o What "new construction densities" W/sq.ft are you designing, specifying, or consulting towards?
- o What "retrofit construction densities" W/sq.ft are you designing, specifying, or consulting towards?
- o What data center "class" levels are you designing, specifying, or consulting towards?
- o How much thermal awareness does your organization have? Who provides that expertise (in-house, consultant)?
- o Do you use any formal tools (hardware/software) to understand the thermal environment of your data center? What tools?

Capacity and Capability Planning

- o How far out is your planning for power and cooling capacity/capability?
- o What would a capabilities roadmap over time look like from a planning standpoint? Class/ density/year?
- o Who owns your plan? IT/Facilities/Operations?
- o What level of cooperation do you see between Operations and IT (or end-user of Server equipment) for future planning?

Power and Cooling Capabilities

- o Amount of "spot" cooling design allowance (i.e. how much hot spot work can you tolerate)?
- o What is the current range of W/sq.ft. you currently have, or administer too?
- o Is there level of economy that you are observing in W/sq.ft?
- o What "exotic" cooling solutions will you not consider (ex. water back to the racks, special new High Volume airflow racks, etc.)?

Operations Trends

- o Describe any trend changes you are seeing/considering (moving toward or away from hot/cool aisles, etc.)?
- o How full are your racks today....and what is driving rack utilization?
- o What percent of modular systems versus old pedestal do you have today and have planned for tomorrow? Are these 1U/2U/xU rack mounts or Blades?
- o What are the Top 5 issues you are currently dealing with in your data centers?