Data Centre Specialist Clean

The risk of dust and other contaminants in critical data environments is unacceptable and compromises the operation of your core services potentially causing downtime, malfunction, corrosion and corruption that would harm the reliability and customer confidence in your data centre facility.

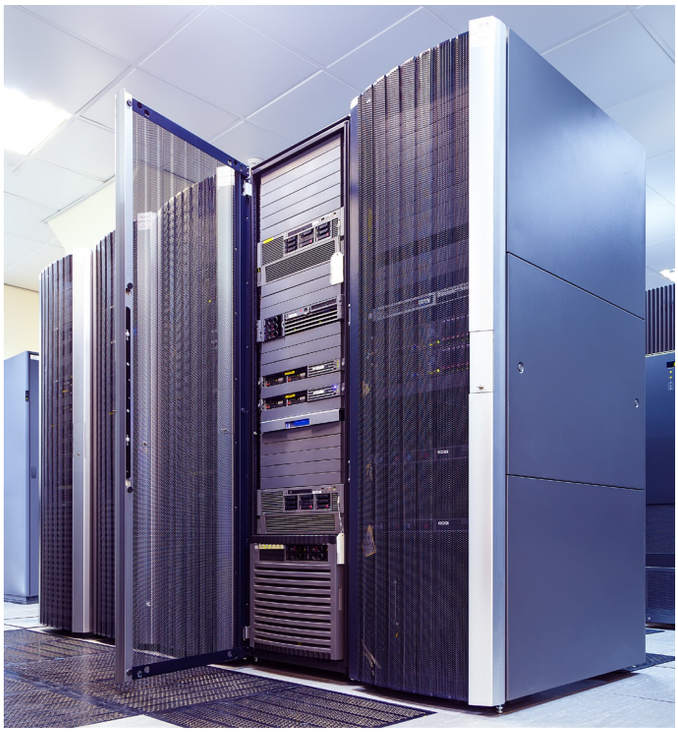
Dirt, dust, carbon, construction debris, calcium carbonate, metallic, paper dust, synthetic fibres, human and non-human organic fibres and other often unseen sources of contamination are leading causes of internal corrosion and equipment malfunction in computer systems. These contaminates can be corrosive, flammable, abrasive or hydroscopic (absorb moisture). If these contaminants accumulate, they can contribute to several problems including heat transfer, corrosion, and wear and failure of electrical contacts.

The average data centre may appear to be a sterile environment, but there are threats in the air.

Dust, particles of human hair, wool and artificial fibres can get into servers; clog up the heatsinks on sensitive chips, causing overheating and early chip death.

Disaster Recovery Journal reported that “more money is lost on downtime due to environmental contamination (dust and dirt in the subfloor) than on all natural disasters combined.”

Data Centre Alliance reported that ““there are risks that the data centre is not applying the right cleaning strategy; it could be an office cleaner doing the job. At one time the regular cleaners would do it, but now they are high powered with sophisticated cooling systems and need a specialist to come in and clean them properly. They should know what they can clean and what they should leave alone.”



Unclean conditions pose an unacceptable risk to your Data Centre as well as impacting on the image you wish to portray to your customers.

Sudlows can provide certification of facilities to ISO 14644-1 standards. ISO14644-1 1999 Class 8 is the minimum recommendation from OEM’s such as Dell, EMC, HP and Sun Micro. Warranties can be voided where sites do not conform.

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