ITCleaning

Data Centre and Server

Can you afford to risk your data?

Benefits of Data Centre, Server and Comms Room cleaning.......

IT industry research has concluded that up to 70% of computer related breakdowns are caused by dust and other debris. The environment is the source of this dust. Cleaning is the most cost effective way of removing it from YOUR environment. Source IBM today.

Particulate (Dust) This is referred to as the "Undetected Disaster"! The sources of this dust can be numerous. The type of dust present can have differing effects. For example: Carbon can cause electrical shorts as it is conductive, so this is particularly troublesome in Server/Computer Rooms.

- **Construction Dust**, from refurbishment and building works within the room or in close vicinity will get into the equipment and cause problems as it is very fine and often abrasive.
- **Organic Particulate**, from people and the environment, also finds its way into computer rooms. This dust is the main cause of air ingress being restricted and causing equipment to overheat.

As stated this dust is transported into your critical environment from many sources, to completely stop this would be expensive and may be impossible.

ITCleaning are able to help you keep your mission critical environments clean with programmed cleaning and monitoring of the rooms and equipment. Combining regular cleaning and ITDecom Tiles will ensure your mission critical equipment is well protected from the ingress and damaging effects of Particulates.

How long could your organisation afford to be with out its IT resource?
The cost of room cleaning is extremely small when compared against the value of the asset.

The increasing technological advances in server, storage and network technology is having an effect on the way you, as an IT Professional, will need to operate the environment where your infrastructure operates from. Your suppliers are increasingly telling you how these rooms should be set up. With increased emphasis on HVAC protocols and the exclusion of contaminants. Cleaning of Mission Critical Environments will ensure this equipment is not put at risk from the ingress of damaging particulates.

Technical Cleaning can Reduce costs.
Regular cleaning may increase the life cycle of your equipment, there by reducing costs. Clean fans require less energy to cool processors, cooler processors reduce the energy demand from the HVAC systems.

ITCleaning undertakes the cleaning of various types of computer rooms. We are able to clean these to an agreed specification and a high level of quality. There is currently no specification for Data Centres or other computer rooms. We use a specification based on ISO 14644 Class 8.

The rooms unless otherwise required are cleaned live to reduce the interruption to your business. The frequency of cleaning these rooms will depend on many factors including the protocols you have in place to combat the ingress of dust. All of these can be discussed during our initial meeting. Prior to cleaning a full risk assessment is undertaken and a method statement issued.

ITCleaning **are able to offer a free survey of your Mission Critical Equipment Room using a sensitive Solair 5100+ particulate counter. This will highlight the threat to your equipment from airborne particulates. To arrange a meeting to discuss any issues related to this. Please contact Stephen Yates.**