

Do contractors protect your equipment?

ITCleaning can protect your IT equipment from contractor works...

Particulate (Dust) Contamination within Data Centres, Server Rooms, Comms Rooms and other critical environments comes from many sources. Sub micron dust contamination within these rooms can cause many problems and is often referred to as the undetected disaster.

A big source of damaging dust contamination is from refurbishment or improvement work carried out within your critical environment. We have developed a process for protecting IT Equipment, from the dust caused by these refurbishment processes.

Utilising proven technology borrowed from the Asbestos removal industry. We have developed a way of enclosing either the work area or the IT Equipment. Creating a positive or negative pressurised environment, which effectively protects the IT Equipment from migrating sub micron particles.

Enclosing the work area

IT Cleaning will enclose the area where the work is being carried out. We use a proven system, which utilises translucent heavy duty plastic and air lock doors. Once we have enclosed the area we place Air Scrubbers, HEPA filtered down to $0.3\mu\text{m}$ and 99.99997% efficiency inside the enclosure; venting the filtered air out into the surrounding space. This causes a negative pressure within the enclosure, ensuring dust, can not escape into the room.

At the same time we filter the air within the enclosure to pull the sub micron particles out of the air. We can also provide the contractors with HEPA filtered vacuums to vacuum whilst drilling etc. Which will reduce the overall dust levels.

Enclosing the IT Equipment

IT Cleaning will enclose the IT Equipment as above. The difference is, using air scrubbers, we will create a positive pressure, which will ensure dust from the work area, can not get into the IT Equipment.

We can control temperature within the enclosure to ensure equipment can continue to work whilst the refurbishment is being carried out.

With both of these systems we will supply a manager to manage the control of the contamination. Such as egress in and out of the space, using air lock doors. We can provide HEPA filtered vacuums for use by the contractors, monitor Particulate levels within the protected space and maintain pressures, air scrubbers and temperature.



After the construction work is complete we will technically clean any areas that require cleaning, provide air particulate readings to prove the room and work areas are safe, then remove the enclosure, handing the whole room back to the IT or Data Centre Manager.