



Technical Cleaning Specialists

Capability Statement



Chas Accredited



CONSTRUCTION SKILLS
CERTIFICATION SCHEME



Our Capability

The extent of our knowledge and understanding of the technical cleaning industry relates to the diverse experience of the company from our inception. This document aims to showcase our experience and the range of services we offer.

Although understanding the importance of technical cleaning is increasing, many stakeholders involved with technical equipment, are not aware of the damage contamination can cause to their mission critical equipment and their businesses relying on their operation.

Our main goal is to provide proactive and protective solutions to reduce contamination related downtime to zero.

We can PROTECT, MAINTAIN and RECOVER your technical equipment.

Protect - We can provide pressure tents enclosing equipment to safe guard from construction and other contamination. We can supply contamination control floor panels to remove debris from feet and wheels entering a critical environment.

Maintain - We can programme regular maintenance cleaning to keep contamination at a safe level.

Recover - We can recover equipment from contamination shutdowns from construction, fire suppressant gas escape, fire and equipment relocation. We will strip down the equipment and clinically clean the environment for the reinstatement of OEM warranties.



Company Profile

IT Cleaning have been trading since 2002. We are specialists in controlling the cleanliness of technical environments and IT equipment. We offer a range of services incorporating proactive and reactive approaches to harmful contamination.

Since our inception we have been at the forefront of specialist technical cleaning and through our in depth understanding of our client's needs we have extensive capability in this field. We specialise in data centre cleaning, server room cleaning, communication room cleaning, media environments and technical equipment protection.

IT Cleaning is managed by dedicated individuals who understand the intricate processes required for successful Data Centres Cleaning and Server Room Cleaning. Our staff are trained for cleaning this type of equipment and infrastructure. They are issued with the most up to date equipment, are well motivated and have many years experience.

All of our staff are SC cleared for government work and are CSCS card holders for work on or in the vicinity of construction sites.

We hold CHAS accreditation for our Health and Safety protocols. In 2010 we were awarded ISO 9001 accreditation for our quality management systems.



Why choose IT Cleaning?

- Proven ability to deliver
- We provide customised services to deal with all unique situations
- We have £10m liability insurance
- We offer a 24/7 service with nationwide coverage, international jobs are considered.
- All staff are security vetted and are CSCS card holders
- Our work practices are CHAS accredited
- Our quality management systems are ISO 9001 accredited
- Extensive experience in all types of technical cleaning
- We are able to carry out all levels of cleaning
- We are work for many blue chip and prestigious organisations.
- We are able to test particulate levels in the air in accordance with ISO 14644 required standards. We can provide certification of conformity to required specification classes.
- We are able to conduct a survey of your equipment and critical environments free of charge.
- We can provide pre design consultation on how to achieve cleanliness specifications.
- We can design equipment protections solution prior to commencement of construction work.
- We can schedule cleaning to ensure the protection of equipment during commissioning or relocating.
- We can provide various technical environment products (e.g. Access floor panels, floor panel lifters, contamination mats, floor grills etc.)



Our Services and Products

- **Data centre, server room, comms room and technical environment cleaning.** From one off cleans to programmed works, we are able to clean your data rooms to a required specification. Our standard specification is ISO 14644 Class 8 which defines the maximum allowable particulate in the air and all accessible surfaces must be free from dust.
- **Internal cleaning of IT equipment.** If required we are able to open and disassemble servers, switches and other items, then using vacuums we are able to remove dust which may be blocking airways, fans, heat syncs and vents etc.
- **ProtectIT** is a technical way of protecting IT equipment from construction dust during refurbishment works. We construct temporary pressurised enclosures to stop dust reaching your mission critical equipment.
- **ITDecom** mats and tiles are used at doorways to stop dust entering technical environments by removing dust from feet and wheels. These tiles are unavoidable and must be walked over. Unlike other alternative mats they are not sticky and there is no peeling required.
- **Air particulate surveys** we are able to offer air surveys which conform to ISO 14644 specification, to check the particulate levels for different particulate sizes (25 to 0.5 micron) within your technical environment.
- **PC and Peripheral cleaning** we are able to clean your office equipment in situ and at time which will suit your business needs.



Case Study 1

2000m² Data Hall + 2000m² Plant Rooms

Retail Bank

Post Construction and ISO 14644 Class 8 Technical Clean

IT Cleaning Ltd were contracted by the construction management company to clean this large data centre. This required cleaning up to 11m high ensuring all surfaces were free from dust. The air particulate levels required were as per ISO 14644 Class 8.

IT Cleaning had to overcome many problems to get the work successfully completed. The job was near Edinburgh, so to provide a competitive quote we chose to resource the job using the local workforce. We were not expecting the difference in skills and attitude of the available workforce. This experience has been very beneficial for future contracts.

" The contractors on site had no understanding of how importance of maintaining cleanliness was to the final end user, so would often leave doors open, drill holes in walls in areas which had been cleaned etc. We had to educate the whole workforce from management down to the lowest labourer"
Stephen Yates MD

" We also had to train our staff in a number of skills like using MEWPS (mechanical work platforms), lifts and tower scaffolds etc."

IT Cleaning successfully achieved the required end result.



Case Study 2

2 x 1500m² Data Hall

Large Supermarket Data Centre

Technical Cleaning ISO 14644 Class 8 Maintenance Programme

These two large Data Halls required initial cleaning to ISO 14644 Class 8. This was achieved by an initial deep clean including intricate high level, the sub floor void and using air scrubbers to clean the air.

Once the standard was achieved, a regular cleaning regime was put in place to keep the rooms to the required ISO 14644 Class. This regime identifies the areas with the highest build up of particulate to clean during interim cleans. The whole environment is then cleaned on an annual basis.

ITDecom tiles have been placed in the entrance to stop any dust at the door.

"The initial clean and on-going cleaning have been a great success. The rooms are all now reaching ISO 14644 Class 7 which is excellent". Stephen Yates

Through proactive approaches such as controlling the particulate levels in the air, using the ITDecom tiles and being involved with new installations and upgrades in the rooms, maintaining the level of cleanliness is very economical for our client.



Case Study 3

400m² Server Room

Government Department

Construction Contamination Protection + Internal Server and Equipment Cleaning + Room pre-commissioning clean

The room was undergoing an upgrade to its air con. The contractor had attempted to protect the IT equipment which was operating in the room. IT Cleaning Ltd were called in after the equipment had become contaminated with construction particulate (plaster dust, sawdust, concrete dust etc). This had caused overheating of the equipment which lead to shut downs, warped disks and internal fan burn outs. At this stage all construction work was suspended.

"On arrival I tested the air particulate levels in the room which were off the scale at 0.5 and 1 micron. We immediately installed air scrubbers to scrub the air down to 0.3 micron" Stephen Yates MD.

IT Cleaning built a plastic wall around the work area and using air scrubbers a negative pressure was created in the work area. This ensured the air from the equipment area (clean area) flows into the work area (dirty area) ensuring dust from the work area can not get to the clean area. Work was then able to continue with no further damage to the equipment.

"We had readings of 10 million particles per m² at 5 micron in the work area and 20,000 in the clean area, which proves the system works" Stephen Yates.

Due to the initial contamination the equipment was opened and cleaned internally when the construction work was complete. Fans and airways are the main concern during



Case Study 4

Nationwide / 100 site / 12000 Desktop computers Government Department Computer and Peripheral Technical Cleaning

This contract is for the annual hygiene cleaning of PC's which are located in varying numbers at sites are all over the UK from Aberdeen to Truro.

Small site are carried out during business hours and large sites are completed at weekends, with teams of men arriving in the area on a Friday night ready to start on the Saturday morning. This requires good organisational skills from the team supervisors to ensure the commercial success of this contract.

" We have a number of Government contacts this is by far the biggest, which means it throws up a number of challenges which we are always able to overcome." Stephen Yates .



Case Study 5

Technical Cleaning Large News Broadcaster Broadcast Equipment and Rooms.

IT Cleaning Ltd clean broadcast equipment and rooms 3 times per year for this large News broadcast company.

Technical cleaning of PCR (Galleries) , Edit Suites, Avids, MFT, MCR and Apps rooms.

Dust is the big problem as the equipment is always running so very quickly fans and airways can be blocked causing equipment to overheat.

*" We have been doing this work for over 10 years. The client is sure it reduces breakdowns, and makes for a better working environment for its staff"
Stephen Yates.*



Equipment Experience

Quantum Tape Library scalar (i series)

Nationwide

Internal Equipment Cleaning

Quantum use IT Cleaning to clean scalar tape libraries which have become contaminated.

This contamination is often construction related, plaster dust etc. The contamination will quickly causes read/write problems as it damages the tape drive. When this happens Quantum withdraws it OEM warranty, this means any damage is the responsibility of the user.

At this point IT Cleaning are contacted by the user on the recommendation of Quantum. IT Cleaning strip the equipment and clean it to remove all the dust. The equipment is then inspected by a Quantum engineer prior to re instating the OEM warranty.

*"I have no problem recommending IT Cleaning to our customers. The cleaning is always is carried out in a professional manner and to a very high standard. Our customers are always happy with the outcome". **Andrew Mercer***

Quantum

IT Cleaning have recovered many different types of technical equipment, we have stripped down entire data rooms due to construction related contamination and one instance of a red paint smoke bomb being set off accidentally during a fire detection system test.

We can provide a list of the equipment we have experience of stripping and relevant references.



Sample Client List

Retail

Tesco

Public Sector

Government Departments

Schools

Councils

Police Authorities

Fire Authorities

University of Greenwich

Coventry University

University College London

Media

BBC

ITN

Virgin Media

Ascent Media

Red Bee Media

Sky

MTV

Financial Sector

Royal Bank of Canada

MMA Insurance

Thames River Capital

Engineering

Secure IT

Centrica

Terex

Syngenta

Technology

Fujitsu

HP Invent

2e2

Aricent

Motorola

Epsilon

Construction/Refurbishment

Mace Technology

ITC concepts

VT Group

TTS Interiors

DDS

Facility Management

Land Securities

Ecovert FM



References

"I personally have used IT cleaning on a number of occasions to clean our modular secure computer rooms that we provide for the security of hardware. The work force have exceeded themselves in there attention to detail whilst cleaning the rooms along with very good health and safety procedures and are always very polite and assist where possible. I would recommend them highly as a very professional company and I will certainly be using them on future room cleans."

Chris Wellfair, Projects Director, SecureIT

"At Tesco we use IT Cleaning Ltd to technically clean our data centres on a regular basis. This work has always been done to the highest quality and very efficiently. The Data Centre Managers have said that IT Cleaning are a very professional and knowledgeable company."

Paul Louth, Facilities Manager, Tesco Ltd

"I am pleased to confirm that we have been very satisfied with service we have received from the IT Cleaning company. They have conducted "deep cleans" in our Computer Rooms at a number of sites across England and have consistently been very professional in their approach as well as flexible to meet our specific needs."

Nigel Spate, Customer Engagement Manager, BAE Systems

"Steve both Charlie and I were impressed with you delivered quality of service and professionalism .

I am working on two new buildings at oxford university and have made recommendation for deep cleans in all the ITS (information transport system) spaces/rooms. I will be submitting detailed implantation sequences with who does what recommendations shortly" John Laban



Contact us

IT Cleaning work for and on behalf of major public and private sector organisations, providing specialist technical cleaning and pre-emptive protection solutions.

For more information or an informal discussion about your requirements please contact us:

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