Data Center Cable Management

When making a move either down the street or across the country, a company must take extra precautions to protect their vulnerable and expensive electronic equipment. Not doing so could be a costly mistake, and many who have lived through it know this first-hand.

Experienced business owners know the value of hiring a qualified company who can help with the server rack cable management. Here are three reasons why you should consider CCS to help your business with this vital task:

Boxing:

When putting cables and other peripherals in a box, many employees will not go out of their way to properly organize and stow their equipment. This makes it nearly impossible for people to find what they are looking for at the new site, wasting many otherwise productive hours at work. With a professional moving company such as CCS , you will not have to fret over this task as we will do all the organizing and boxing up of the cables as well as the setting up at the new location.

Server room:

The average person is lost when they come into a server room for the first time. Your organization would be taking a risk assigning hourly employees to dismantle and box the servers. Instead, a smart leader would hire CCS because he or she wants someone who will know the ins and outs of server room cable management. Remember, when around servers and expensive computers, a qualified professional is unlikely to make a mistake that will damage the servers or compromise your valuable data.

Reassembling:

Most people can take apart an electronic item and put it in a box. However, ask them to put the item back together when arriving at the destination and the problems arise. Parts have gone missing, things aren't fitting as they did before, and soon you have an IT nightmare in your hands. With CCS , our data moving company will see the data center cable management taken care of quickly and without issues.

When looking to have a comprehensive and effective solution for a move, consider hiring CCS . Our professionals possess the knowledge and qualifications to move expensive and sensitive electronics safely and securely.

Certified Cleaning Solutions
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Data Center Cleaning Services

Your data center is home to valuable, mission-critical equipment. Contamination of this often overlooked area can cost your company upwards of hundreds of thousands of riyals.

Data Center Cleaning Services Overview

CCS helps major data center operators keep their facilities clean and contamination-free. Expertly trained specialists clean all types of environments. Ranging from call centers and command centers to web hosting, data processing, colocation. and telecom facilities. CCS s' expertly trained and supervised technicians will be there on time and in uniform. You won't ever have to wait on CCS to be on the job, wasting your valuable time and money. We get it right the first time, so you don't have to worry about extensive or unnecessary downtime.

Importance of Server Room Cleaning

Dust and dirt buildup in a server room could greatly damage your equipment. Without regular cleaning, dust and dirt will pile up, creating grime on the equipment fan which could cause damage to the equipment. It would slow down your cooling system which can lead to complete part failure.
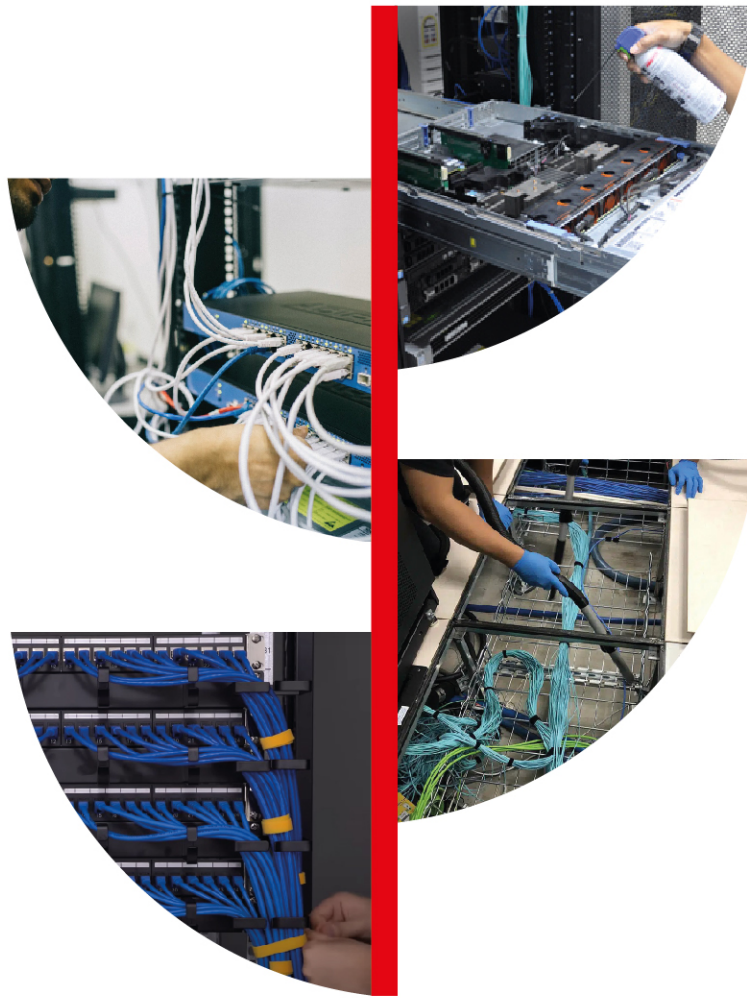
Server cleaning is the practice of keeping servers free from dirt, dust, marks or stains. The cleaning process itself requires knowledge of the server hardware to get the cleaning job done professionally and to keep the servers in a good physical state of repair. The fastest and most efficient way to achieve high-quality cleaning results, business today build alliances with commercial cleaning services for deep cleaning and decontamination of server systems.

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Don't risk your company's data and dollars!
Implement a data center cleaning process that is efficient and effective !!!!.

Our **Services**

Data Center Cable Management
Specialty data center cleaning

Specialty data center cleaning services include:

- General cleaning
- Subfloor & Equipment surface cleaning
- Subfloor sealing and encapsulation.
- Environmental sampling and reporting
- Disaster recovery cleaning
- Anti-static floor care and monitoring

⚠ DATA CENTER FAILURES ARE EXTREMELY COSTLY!

Data Center Surface Cleaning:

The cleaning procedure involves vacuuming the floor to remove dirt and grime buildup. An approved vacuum with appropriate attachments is used. Machine scrubbing is applied if necessary, followed by restoring the floor tile surface to its original color. Spots, scuffs, and adhesives are removed from the floor surface, and a damp mop with a neutral/anti-static cleaner eliminates residue. Data center tiles are removed in portions for cleaning and then fixed back exactly as they were.

Sub-Floor Cleaning:

The sub-floor cleaning procedure includes wiping the bottom of removable tiles and vacuuming all sub-floor areas, with a focus on perforated air panels. Accessible floor panels are removed to reach stringers, pedestals, and panel edges while ensuring adequate airflow. Under-floor cleaning involves vacuuming debris, cleaning floor tile runners, support posts, electrical junction boxes, and metal electrical coax or power cables without disturbing the cables. CRAC water line support pipes and plates in front of CRAC units are cleaned, with special attention to black buildup under CRAC units, which may require unit shutdown.

Server Cabinets Cleaning:

Server cabinet cleaning encompasses wiping inside and outside of cabinet doors and tops. Cleaning the inside of the server cabinet floor is performed if accessible, along with cleaning the bottom of tiles that cannot be removed. The same floor tile and sub-floor cleaning procedures apply to the server cabinet area, ensuring a thorough and comprehensive cleaning process.

How We Do It !

Spaghetti Prevention:
Tangled wires pose hazards like tripping, shocks, and fires. Organize, label, and bundle cable wires. Use color-coding for different devices and vertical cable management. Secure cables of the same type with ties.

Dust Removal:
Dust is a major threat to electronic equipment in data centers, causing temperature increases and downtime. Regularly remove dust using a vacuum with HEPA filters. Wipe equipment and cords with an antistatic cleaning solution using a microfiber cloth.

Temperature Control:
Overheating can damage equipment. Maintain the server room temperature below 77°F, considering external conditions. Avoid overcrowding, allowing air circulation. Install a cooling system to manage heat. Maintain humidity at 45-55% to prevent electrostatic discharge or corrosion.

Floor Cleaning:
Clean the floor to remove dust and dirt brought in by shoes. Use a dry mop and schedule deep cleaning every three months.

Electric Equipment Cleaning:
Clean all equipment surfaces, including hidden areas, with an antistatic solution. Avoid excessive liquids. If your room uses ceiling plenum for cables, schedule deep cleaning every six months.

Features

- CCS supervisors conduct a customer briefing to discuss all power connection preferences, access to closed/locked rack doors and direction of work flow.
- Only electrical equipment dedicated to cleaning IT environments is used, with in-line safeguards to protect against power surges.
- Server rack and pod cleaning targets vertical as well as horizontal surfaces, rack doors and removal of any gross contaminants such as cable cuttings and ties, screws, bolts and packaging materials.
- All CCS cleaners are trained not to disturb circuit breakers, switches and cabling connections when cleaning adjacent areas.
- No moisture of any form is used; CCS techniques employ low-lint disposable cloths which trap and remove loose dust without building up a static charge during use.

Benefits

- Accumulated contaminants that could harm internal circuitry or obstruct airflow are eliminated.
- Annual cleaning of these areas aids in maintaining ISO 14644 particle level standards for the entire room.
- Normal operation is not disrupted during this service.
- Server rack and pod cleaning can be automatically scheduled as part of CCS annual or half-yearly servicing of the room.

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