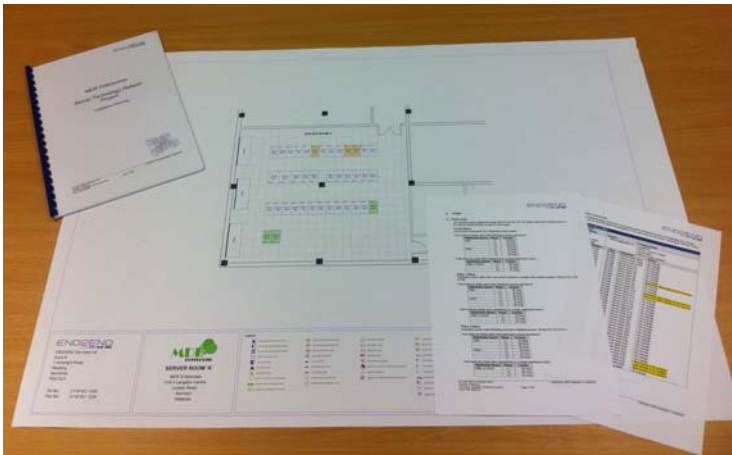


# Installation Planning

Consultancy and Design Services

## Data Centre Installation Planning Services

How often do you find yourself in the position of having to install new IT technology in your computer room at short notice, only to discover that there doesn't appear to be enough room, you don't know the power or cooling requirements and the business needs it done now. Add to that the fact that it can be difficult to obtain equipment manufacturers specifications for space, weight, power, heat and network connectivity requirements, it can be a stressful time.



### Key Features

- Adhoc service to provide detailed installation planning within the data centre
- Review of physical space and equipment layout strategy
- Analysis of existing and new equipment power and cooling requirements
- Identification of installation requirements including power sockets, floor tile cut-outs, data cabling
- Review of delivery access routes and identification of issues
- Documentation of installation plan including a schedule of all works, CAD floor plans and schematic drawings as applicable
- As installed documents issued upon completion of all works

### Approach "IT" with Confidence

END2END's Installation Planning Service provides the resource and expertise to undertake this work for you. We evaluate your current computer room layout and structure against your new hardware requirements (and future ones if you like) and create a detailed, effective installation plan. Our plan is a practical guide to the installation of your new IT equipment. It covers everything from physical equipment siting, power sockets and UPS capacity, to evaluation of heat load, identification of network points and even delivery access routes in to the computer room. In fact it's a complete installation blueprint!

### Planning for Future Success

As well as providing you with a step by step guide to the installation, we also recommend how your room could be better utilised. The last thing you need as an organisation is to have to go through a complicated process of shuffling equipment or organising emergency electrical work every time a new requirement emerges. Once your room is laid out efficiently, any future additions will be stress free and require little effort.

### Documentation

The installation plan also comes with a detailed CAD layout of the room, showing all of the existing and new components. This can be adapted with little effort to be the core of an asset management plan, which can help you track the exact status of that area.

Understanding

Designing

Delivering

Supporting

## Making it all happen!

### *Keeping it Running*

Installing new equipment in existing rooms can be a difficult task, especially when that room has to be kept operational. END2END appreciate that business doesn't stop just because new installations have to happen and so we ensure through our thorough project methodologies that any downtime is kept to an absolute minimum and when most convenient for you.

END2END Stage	Deliverables
Understand	<ul style="list-style-type: none"> <li>• Timescales for delivery of new equipment and anticipated go-live date</li> <li>• Operational service windows</li> <li>• Specifications and layout of existing equipment, power consumption, air conditioning capacity and loading and available connectivity</li> <li>• Full list of new equipment to be installed and its environmental requirements</li> </ul>
Design	<ul style="list-style-type: none"> <li>• Relocation requirements of existing equipment, if necessary</li> <li>• Layout of new equipment, allowing for service clearance &amp; access</li> <li>• Power loads and connectivity requirements</li> <li>• Air conditioning load and as importantly distribution</li> <li>• Network connectivity distribution</li> <li>• Transport and access strategy</li> </ul>
Deliver	<ul style="list-style-type: none"> <li>• A full installation plan including:               <ul style="list-style-type: none"> <li>⇒ New equipment layout of room</li> <li>⇒ Power requirements</li> <li>⇒ Air conditioning requirements</li> <li>⇒ Construction requirements (e.g. new floor grills)</li> <li>⇒ Connectivity upgrades</li> <li>⇒ Resourcing plan</li> <li>⇒ Project timetable</li> <li>⇒ Transport strategy</li> </ul> </li> </ul>

### *Delivering the END2END Result*

If you want to achieve an installation with as little hassle to yourself as possible, END2END can take the plan and deliver it all for you, using the same high-standard project management techniques that we use on all of our work. Our project manager is your single point of contact and we'll make sure the whole thing runs like clockwork, just as we planned.

