



**DATALEC**  
PRECISION INSTALLATIONS

## **IT Relocation & Technical Services**

### **Who we are:**

Datalec Precision Installations are experts in the datacentre Industry who have paved the way in service delivery to ensure we exceed client's needs.

### **Why us:**

Datalec have a wealth of experience in the world of IT Relocations with experience working in the Technology and Finance Sectors.

From Datacentre fit outs to technical services Datalec can provide the professional services that our clients require within the timescales needed.

### **What we do and why migrate your hardware:**

Migration of servers can be for a multitude of reasons. Whether you're increasing or decreasing your footprint, migrating to cloud and have legacy equipment that needs to remain, or your lease is coming to end these are just some of the instances where a migration solution could be your solution.

Datalec Precision Installations are experts in assisting clients with their relocation of IT hardware whilst also providing a full suite of services end to end.

### **Migration Services:**

- Dedicated Project Management and Co-ordination
- Client Workshops – we can with you assist in identifying you scope
- Scheduling – we can help you in planning/staging of your migration needs to reduce risk
- Auditing – Datalec will carry out a full audit prior to any migration activity for the client. This can be scaled to your requirements.
- Space planning – Datalec can provide support for space allocation in your target destinations
- Server re-stacks – efficiency is key with your datacentre space, and should you have the need to organise your existing hardware in an optimal manner, we will be there to facilitate and support the client through the process to help reduce costs and streamline your needs.
- Patching Scheduled and support
- Logistics – We know the value of data and hardware and with this we will ensure all your hardware is transported in line with industry standards and expectations.
- Command and Control – from the change going live we provide onsite command and control to oversee your migration start to finish with 24h round the clock support.
- Insurance – we can offer insurance cover to ensure your hardware has wrap around care
- Hardware Goldstock – should you have a hardware failure we can provide an SLA driven service to support this to give the client an extra level of comfort
- On site smart hands service – HP, Dell EMC, IBM, etc. we can provide the right expertise should you require
- Issue Log tracking for the client
- Organisation checkpoints – we will keep the client's senior management and stakeholder a breast of the progress of the migration with regular updates.
- Open Bridge – should you wish to drop an ear into the progress of your migration or ask a question we will be there through the duration of the change window
- Post Migration debrief

**Auditing Services:**

<b>Asset Audit</b>	In some fast paced and critical environments, it is not unheard of to lose track of your asset inventory. DPI Connectivity can audit your estate and provide the client with a comprehensive view of your Assets.	<ul style="list-style-type: none"> <li>• Host names</li> <li>• Serial numbers</li> <li>• Asset Tags</li> <li>• Rack locations, U heights, &amp; size</li> <li>• Attached hardware</li> </ul>
<b>Power Audit</b>	Power management is important to get right and manage, ensure your dual fed devices are correctly connected for resilience as well as highlighting risks to your setup where single fed devices can be found.	<ul style="list-style-type: none"> <li>• PDU and power distribution audit</li> <li>• Power lead management and tidy</li> <li>• Redundant cable decommissions</li> </ul>
<b>Pre – Migration Audits</b>	Combining many of the above services into one complete package we will ensure the client has a full and comprehensive view of your setup with a full patching schedule in preparation for the migration activities. We will highlight any identified risks and advise on best practice solutions. We will provide a patching audit in readiness for your migration for full visibility of your connectivity.	<ul style="list-style-type: none"> <li>• Asset Audit</li> <li>• Power Audit</li> <li>• Patching Audit</li> <li>• Patching Schedule</li> <li>• Target DC or location survey</li> <li>• Work with the client on space allocation</li> </ul>

<b>Asset Audit Information Summary</b>					
<b>Audit Element</b>	<b>Explanation</b>	<b>Included</b>	<b>Audit Element</b>	<b>Explanation</b>	<b>Included</b>
Rack Location Ref	Rack reference number	✓	Asset Number	Client Asset number of device	✓
Rack Dimensions	Rack dimensions and mounting post depths	✓	Qty of Network Connex	Qty and type of network connections	✓
Device Name/Description	Name as stated on equipment as well as Serial Numbers	✓	Related/Linked Equipment	Linked equipment e.g. DAS, SAN trays	✓
Equipment Mfg & Make	Make and model (inc Generation)	✓	Power Connex Qty	Qty of live power connections	✓
Equipment Type	Equipment category	✓	Power Connex Type	Type of power connection	✓
U Size	Equipment U Size	✓	Proprietary Connex Qty	Qty of proprietary cable connections	✓
Rack Presentation	Mounting location (Front/Rear/Side etc)	✓	PDU Socket ID's	PDU/ATS socket ref numbers	✓
Mounting Status	Rails/Shelf/Brackets	✓	Apparent Status	Visible status of device	✓
Upper U Position	Upper U position	✓	Device Health	Recording of error lights/etc	✓

## Rack Elevation Post Audit:

Example of elevation:

Rack 02/04 (Network)		
46	Fibre Panel to 0101 & 0102	46
45	Xconnects	45
44	Xconnects	44
43	Cable Management	43
42	GAMMA Circuit (Fibre Tray)	42
41	GAMMA Circuit	41
40	GAMMA - Cisco 897VA	40
39	GAMMA - Cisco 4221	39
38		38
37	Cisco 2900 (SIP Router)	37
36	ADVA FSP150CC	36
35	ADVA FSP150CC	35
34	Juniper SRX340	34
33	ADVA FSP150CC (Juniper 1)	33
32	Juniper SRX340	32
31	ADVA FSP150CC (Juniper 2)	31
30	Palo Alto 3020	30
29	Palo Alto 3020	29
28	Blanking Plate	28
27	Blanking Plate	27
26	Cable Management	26
25	Juniper SRX340	25
24	Bloomberg Appliance	24
23		23
22	Riverbed Steelhead	22
21	Cisco ASA5508	21
20	Cisco 890	20
19	Cisco 4221	19
18	ADVA – SIP	18
17	CISCO 4321	17
16	ADVA FSP150CC	16
15		15
14	Cisco 4421	14
13	Cisco MDS9148	13
12	Cisco UCS C220M4	12
11		11
10		10
9	HP Storaeworks MSL4048	9
8		8
7	Blanking Plate	7
6	Blanking Plate	6
5	Blanking Plate	5
4	Blanking Plate	4
3	Blanking Plate	3
2	Blanking Plate	2
1	Blanking Plate	1

All Audits will be provided to you, the client to give you a detailed view of your assets and cab layouts in the form of pre and post migration elevations.

These elevations can be tailored to your business' formats and naming standards.

**Patching Services:**

<b>Patching Audits</b>	Full audits of existing patching from source to destination whether with 1 cab or through the structured cabling, we will provide the client with a full view of your connectivity no matter the size of your estate.	<ul style="list-style-type: none"> <li>Fibre and copper audit</li> <li>Labeling services</li> <li>Decommissioning redundant cabling</li> <li>Intercab/underfloor/overhead audit</li> <li>Cable management and tidy</li> </ul>
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Cable Audit Information Summary					
Audit Element	Explanation	Included	Audit Element	Explanation	Included
Source Rack Location Ref	Rack reference number	✓	Cable Type	Cable and terminator type	✓
Source Device Name	Name as stated on equipment	✓	Cable Label Details	Details of existing cable label	✓
Source Device U Position	Device U position	✓	Destination Rack Location Ref	Rack reference number	✓
Source Device Interface Card	Device interface card	✓	Destination Device Name	Name as stated on equipment	✓
Source Device Interface Port	Device interface port	✓	Destination Device U Position	Device U position	✓
Cable Routing Information	Routing info (longline, direct etc)	✓	Destination Device Interface Card	Device interface card	✓
Patch Panel Information	Patch Panel name and port	✓	Destination Device Interface Port	Device interface port	✓
Cable Colour	Cable or cable clip colour	✓	Comments	Any other comments	✓

### Engineers:

Datalec Precision Installations hold system accreditations with the major manufacturers. Datalec also hold the preferred approved installer status to install the Corning, Commscope and many more. Our migration engineers hold CNCI accreditations as well as holding Server +, Network + status and accreditations with widely used hardware manufacturers such as Dell EMC, HP, and Cisco.



COMMSCOPE

CORNING



### Command and Control:

When you choose Datalec for your server migration activity you not only get engineers with the right skill set, you also get a wealth of comprehensive migration knowledge in the form of an assigned project manager who will be on hand to provide you with the guidance for a painless end to end solution.

Our Project Management team will be on hand through the planning phase of your migration as well as being on the ground at the source and destination sites of your migration. They will be there to provide you with continuous updates of the progress of the migration as well as tracking the schedule of events end to end and support you in reporting into the business.

We will build your SOE with your business to ensure all key activities are captured and tracked as well as tracking any faults or issues throughout the lifecycle of your change.

## Connectivity

### Logistics:

We understand that the logistics of your equipment is just as important and the pre-checks of your operating systems. The specialist handling and security of your hardware is done in a careful and controlled manner should you require a multi-site migration.

### Our service:

- Secure IT transport and storage
- Confidential, non-stop and to tight deadlines
- Complete Data Centre Decommissioning services
- Technology Migration
- Specialist final placement
- Timely arrival at site to liaise with Lead Engineer/Project Manager
  
- Tail lift vehicle, air suspended box with Portorage
- Create an inventory list, recording host name or serial number and model (attach to container externally) in a dispatch envelope
- Once the inventory is checked and approved, the project manager/lead engineer will attach an anti-tamper seal to the door of the container (recording the individual seal number). A copy of this inventory is dispatched in advance to the delivery site.
- Load each container and secure within the vehicle and once complete, placing another seal at the rear of the vehicle when the tail lift is closed.
- Dedicated transport non-stop to the delivery site, unload, verify seal, unpack and hand over to Lead Engineer
- Ensure the site is left clean with all packaging removed

## Connectivity

### Data Destruction Services

You may be tempted to stockpile hard disk drives (HDD) or solid-state drives (SSD) in storage. But if confidential data gets into the wrong hands, it can lead to lost customers and loss of revenue. If you're not using a secure destruction method, your business is at risk and could fall foul of a data breach.

If you are scrapping old equipment, and it is not possible to eradicate all data using specialist data wiping software, it is vital that you have any drives destroyed and shredded completely so that it becomes impossible to retrieve any sensitive information. Secure IT Services can provide a Data Destruction Service which guarantees 100% data information security for your business.

Using cutting edge technology, Secure IT Services utilise shredding units fit for purpose, shredding up to 1000 devices a day, which conforms to the most stringent standards and directives.

Our hard drive destruction services are the most secure and cost-effective way to physically destroy your data. Our shredding service can shred to 25mm or 15mm particulates as requested, but we also have the ability to shred to 6mm to conform to NCSC requirements.

Secure IT Services offer both On-site or Off-site solutions to meet your individual security requirements. Like our Data Wiping service, we can transport your equipment back to our secure warehouses in our tracked vehicles and perform the destruction there, or we can bring our specialist shredding equipment onto your premises and perform the destruction of your hard drives within your own secure environment.

All drives would be certified providing you with a seamless service and peace of mind.

All waste material would be scrapped or recycled with minimal environmental impact and our solutions comply with the T11 (WEEE) Standards.

- On-site or off-site solutions to meet your requirements
- Work arranged at convenient times for your organisation
- Certificate of data destruction issued after every visit
- Professional and experienced SC Cleared staff for your peace of mind
- Cost effective and competitive rates
- ISO certified and fully compliant with the Data Protection Act