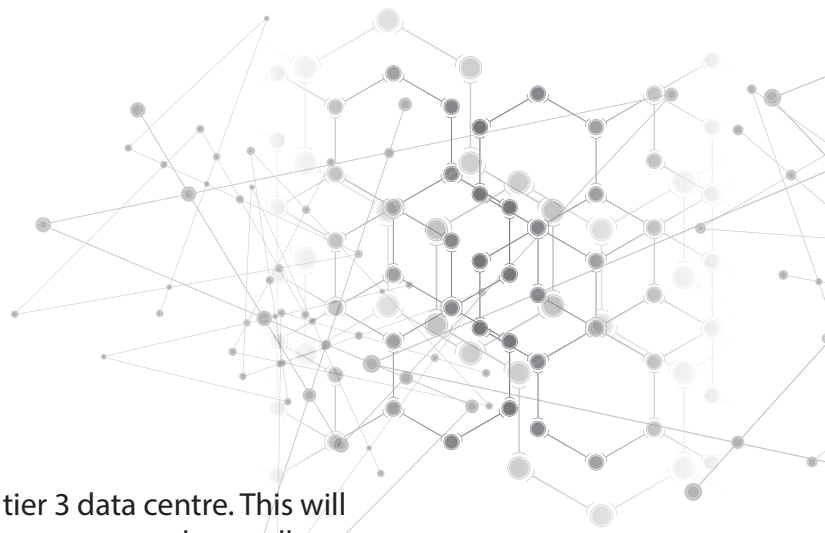




Tour Your Local Tier 3 Data Centre

On the tour, students will be shown around a live tier 3 data centre. This will include being shown the data floor, a carrier grade core network, standby generators, uninterruptable power supply (UPS) system, cloud infrastructure and security systems. The initial tour will be conducted by our Sales Team and last around an hour.

Additional time (up to 1 hour) can be spent with the Managing Director after the tour to discuss how the business was started, what kind of companies use a data centre and any additional Q&A with the students.



Here is a quick outline of what I will be showing you and your students

- ✓ Generator compound, inc. generator, fuel tank & sub station
- ✓ Condenser units
- ✓ CRAC units
- ✓ Racks (full, half and quarter)
- ✓ Cold aisle containment
- ✓ Fire suppression canisters
- ✓ Switchgear room
- ✓ UPS and batteries
- ✓ Air handling units (inc extract)
- ✓ VESDA system & BMS

The tour will also cover:

- ✓ What colocation is and why companies use it
- ✓ How our core network works
- ✓ What hybrid cloud is (in relation to a data centre)
- ✓ What kind of connectivity services companies take from us (i.e. leased lines, FTTC, EFM, DC Interconnects etc)
- ✓ What a Tier 3 Data Centre is.



Company Information

Company name: 4D Data Centres

Website: <http://www.4d-dc.com/data-centre/gatwick>

Type of business: Cloud, ISP and colocation (looking after other companies' servers in a large data centre)

Facility location: 4D Gatwick, 17-19 Kelvin Lane, Manor Royal, Crawley, RH10 9EY

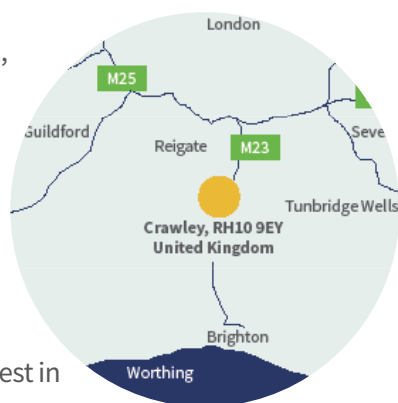
Facility type: Secure 'Tier 3' Data Centre

Enquiries about booking a site tour should be sent to gatwick@4d-dc.com and addressed to Jack Bedell-Pearce

Company contact: Jack Bedell-Pearce, Managing Director

Target audience for tour: 15 years old and over, with an interest in computer sciences or engineering

Group size: Max group size (including teachers) is 20 people



Additional learning resources

Prior to the visit, 4D can provide teachers with a list of questions and online resources for the students to look up online beforehand and to be discussed in the Q&A session – **e.g. What does a data centre do? A Plain English Guide from 4D Data Centres:** www.4d-dc.com/insight/what-is-a-data-centre