![Digital Realty logo]

London Metro Connect

Reliable, secure, low latency connectivity between Digital Realty data centres

Digital Realty Metro Connect

The Digital Realty Metro Connect product is part of the wider Cross Connect product suite, which interconnect customers between Digital Realty Data Centres within a metropolitan area. They enable reliable connectivity directly to your partners, suppliers and other Digital Realty customers who are present in our data centres further than 2km fibre distance from one another. This helps you to reduce network costs and to lower network latency, without using public networks.

London Metro Connect Options

Digital Realty provides two different options of the Metro Connect product so customers can select the option that works best for their business. Refer to the table below for availability.

Metro Connect - Dark Fibre

Metro Connect – Fibre is a dedicated single-mode dark fibre solution and can be purchased as a single route or redundant routes. There is a twelve-month contractual term for the Metro Connect - Fibre option. A monthly recurring service fee as well as initial setup fee is charged for this product. Customers who choose this option are responsible for lighting the fibre and managing the connection(s).

Metro Connect - Managed Wave

The Metro Connect - Managed Wave solution uses DWDM technology and Ethernet protocol to support connections over diverse fibre paths providing security, reliability and cost efficiency. The Managed Wave product is a fully managed solution with capacity to scale as your business grows; and, includes fibre route protection with <50 ms automatic switchover between fibre paths. The service is monitored 24x7 and managed by the Digital Realty Network Operations Centre. The Metro Connect - Managed Wave is available as 10G or 100G bandwidth solution. The contractual term for the Managed Wave product is 30 days.

PlatformDIGITAL®

At the same time, our global infrastructure solution, PlatformDIGITAL® enables businesses to interconnect global workflows from anywhere in the campus and across the world, fulfilling their global connectivity needs quickly and efficiently.

With access to over 700 connectivity providers, key hyperscale public clouds, local cloud providers, network density, and interconnection services customers are able to deploy their IT infrastructure in the buildings and locations of their choice, benefiting from 99.999% uptime, implementation and services consistency across the world and the highest level of physical and network security.

Connect with a Digital Realty Solution Architect to help build your scalable growth strategy and transform your business.
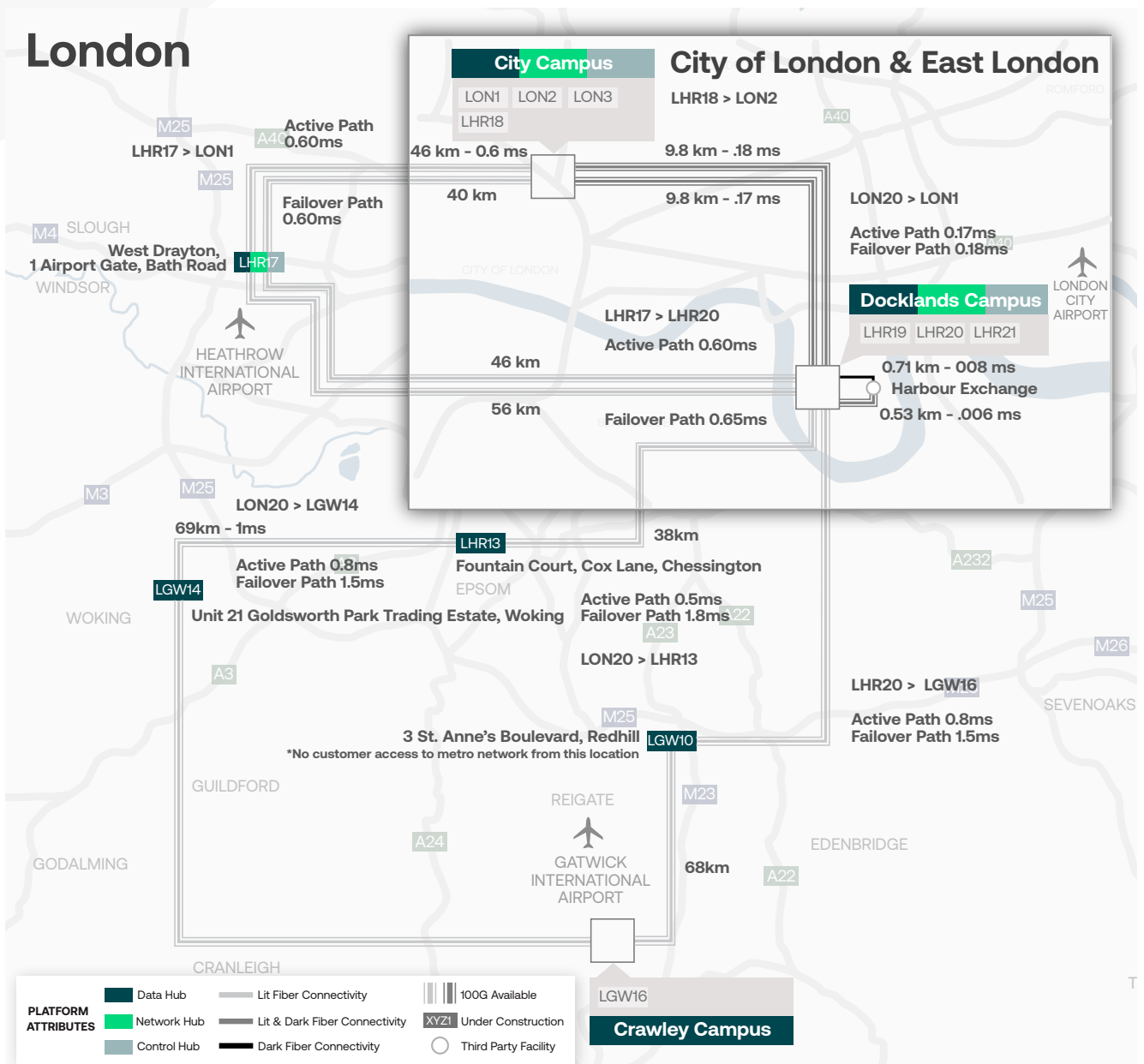
Metro Connect – Managed Wave Interface

This product does not require you to provide DWDM optical transceivers, however, the customer is required to provide an LC-LC SFP optic transceiver of the following specification:

• 10GBASE-LR 1310nm for the 10G option

• 100GBASE-LR4 4x25G 1310nm for the 100G option.

Metro Connect – Managed Wave Service Availability

• There is 100% availability per month per connection with standard Metro Connect restoral SLA, excluding force majeure.

London

City Campus
LON1 LON2 LON3
LHR18

City of London & East London

LHR18 > LON2

46 km - 0.6 ms
9.8 km - .18 ms
40 km
9.8 km - .17 ms

LON20 > LON1
Active Path 0.17ms
Failover Path 0.18ms

Docklands Campus
LHR19 LHR20 LHR21

0.71 km - 008 ms
Harbour Exchange
0.53 km - .006 ms

LHR17 > LHR20
Active Path 0.60ms
46 km
56 km
Failover Path 0.65ms

Active Path 0.60ms
LHR17 > LON1

Failover Path 0.60ms

West Drayton,
1 Airport Gate, Bath Road
LHR17

HEATHROW INTERNATIONAL AIRPORT

LON20 > LGW14
69km - 1ms

Active Path 0.8ms
Failover Path 1.5ms

LGW14

Unit 21 Goldsworth Park Trading Estate, Woking

LHR13
Fountain Court, Cox Lane, Chessington
38km

Active Path 0.5ms
Failover Path 1.8ms

LON20 > LHR13

LHR20 > LGW16
Active Path 0.8ms
Failover Path 1.5ms

3 St. Anne's Boulevard, Redhill
*No customer access to metro network from this location
LGW10

GATWICK INTERNATIONAL AIRPORT

68km

PLATFORM ATTRIBUTES

Data Hub	Lit Fiber Connectivity	▌▌ 100G Available	
Network Hub	Lit & Dark Fiber Connectivity	XYZ1 Under Construction	
Control Hub	Dark Fiber Connectivity	○ Third Party Facility	

LGW16
Crawley Campus

Metro Route	Active Path	RTT	Protection Path	RTT	Attenuation	Dark Fiber	10G Wave	100G Wave	Installation SLA	Expedite	Fees
Chessington -> Docklands	38km	<1ms	167km	<2ms	na	–	☐	☐	15db	Call	MRC & NRC
Crawley -> Docklands	68km	<1ms	137km	<2ms	na	–	☐	☐	15db	Call	MRC & NRC
Docklands -> City	10km	na	10km	na	<4dB @1550nm	☐	☐	☐	3db	1bd, 2bd	MRC & NRC for Dark Fiber; MRC for Managed Wave
Docklands -> West London	46km	na	56km	na	<4dB @1550nm	–	☐	☐	3db	1bd, 2bd	MRC
West London -> City	40km	na	46km	na	<4dB @1550nm	–	☐	☐	3db	1bd, 2bd	MRC
Woking -> Docklands	69km	<1ms	136km	<2ms	na	–	☐	☐	15db	Call	MRC & NRC

MRC= monthly recurring cost
NRC = non-recurring cost

Digital Realty Order Process

Please order through the customer portal,
or notify your Account Manager for queries
related to Chessington, Crawley or Woking.

Digital Realty
5th Floor, 60 London Wall
EC2M 5TQ
United Kingdom
Email: **customer.services@digitalrealty.com**

About Digital Realty Digital Realty brings companies and data together by delivering the full spectrum of data center, colocation and interconnection solutions. PlatformDIGITAL®, the company's global data center platform, provides customers with a secure data meeting place and a proven Pervasive Datacenter Architecture (PDx®) solution methodology for powering innovation and efficiently managing Data Gravity challenges. Digital Realty gives its customers access to the connected data communities that matter to them with a global data center footprint of 300+ facilities in 50+ metros across 28 countries on six continents.

To learn more about Digital Realty, please visit **digitalrealty.com** or follow us on **LinkedIn** and **Twitter**.