



MA5 Manchester

Manchester Metro Interconnection
IX Manchester & Peering

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Manchester

One of Europe's fastest growing media and technology hubs

The Largest economy in Northern England

Manchester is the UK's second largest city

Fast growing technology hub

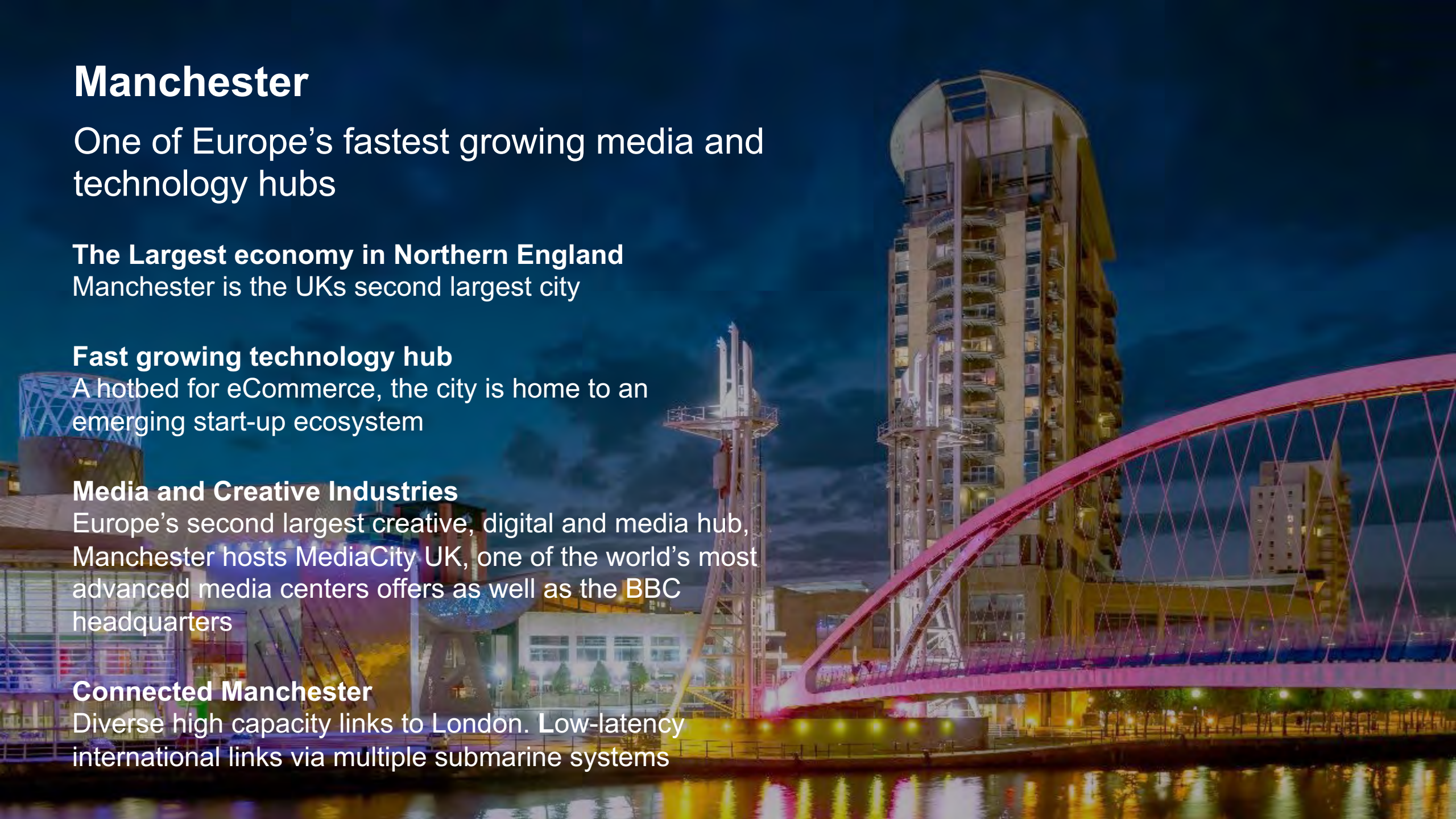
A hotbed for eCommerce, the city is home to an emerging start-up ecosystem

Media and Creative Industries

Europe's second largest creative, digital and media hub, Manchester hosts MediaCity UK, one of the world's most advanced media centers offers as well as the BBC headquarters

Connected Manchester

Diverse high capacity links to London. Low-latency international links via multiple submarine systems



“

Manchester is a key market for Equinix and I am delighted that we are adding new flagship site to our portfolio. MA5 marks a fabulous milestone for Equinix in the UK and is already the subject of a great deal of customer interest.”

Russell Poole
Managing Director, UK
Equinix

Equinix MA5

MA5 is an International Business Exchange™ (IBX) data center offering state-of-the-art colocation, and interconnection including an Equinix Fabric™ node and Network Edge

Phase 1 build will provide 3,600m² colocation space. Upon completion of all planned phases, the full site MA5 build is expected to generate 6,480 m² colocation space.



2,002 cabinets

4.5-6.5kVA per cabinet

MA5 RFS 31st March 2022

EQUINIX MA5



- 7.56 MW IT
- 2,002 Cabs
- 4.5-6.5kVA / cab

MA5	Blended customer mix	No. CABs	2,002	kW / cab	3.8 min
				Final Day ITL 7.56 MW	

1. Main Entrance / Customer Entrance
2. Two Storey FOH and Customer Care
3. Parking for >60 Cars
4. Two Storey FDCC-R Datacentre
5. Goods Delivery BOH / Waste Compound
6. Generator and Fuel Compound
7. Logistics / Delivery Entrance
8. External Cooling Plant (Air Cooled Chillers)
9. 33kV Substation

- Full site built-out generates 6840m² white space across 4 spaces
- 3 Phases:
 - MA5.1 – 3.24MW IT, 2x Datahalls
 - MA5.2 – 3.24MW IT, 2x Datahalls
 - MA5.P1 – 1.08 MW IT



TECHNICAL SPECIFICATIONS

Power and Cooling

Density	4.5 kVA avg. per cabinet
Utility Feeders	2
UPS	Block redundant
UPS Redundancy	3+1
Standby Power	3+1, 2.5MVA diesel engines
Standby Power Redundancy	3+1
Cooling	3+1, Air Cooled Water Chillers, CRAC DFU
Cooling Redundancy	N+20%, A&B Chilled Water Ring Main

Security

Physical	Mantrap entry
Human	24/7 on-site security
Electronic	Card readers, fiber vaults, biometric readers, CCTV surveillance, motion detection

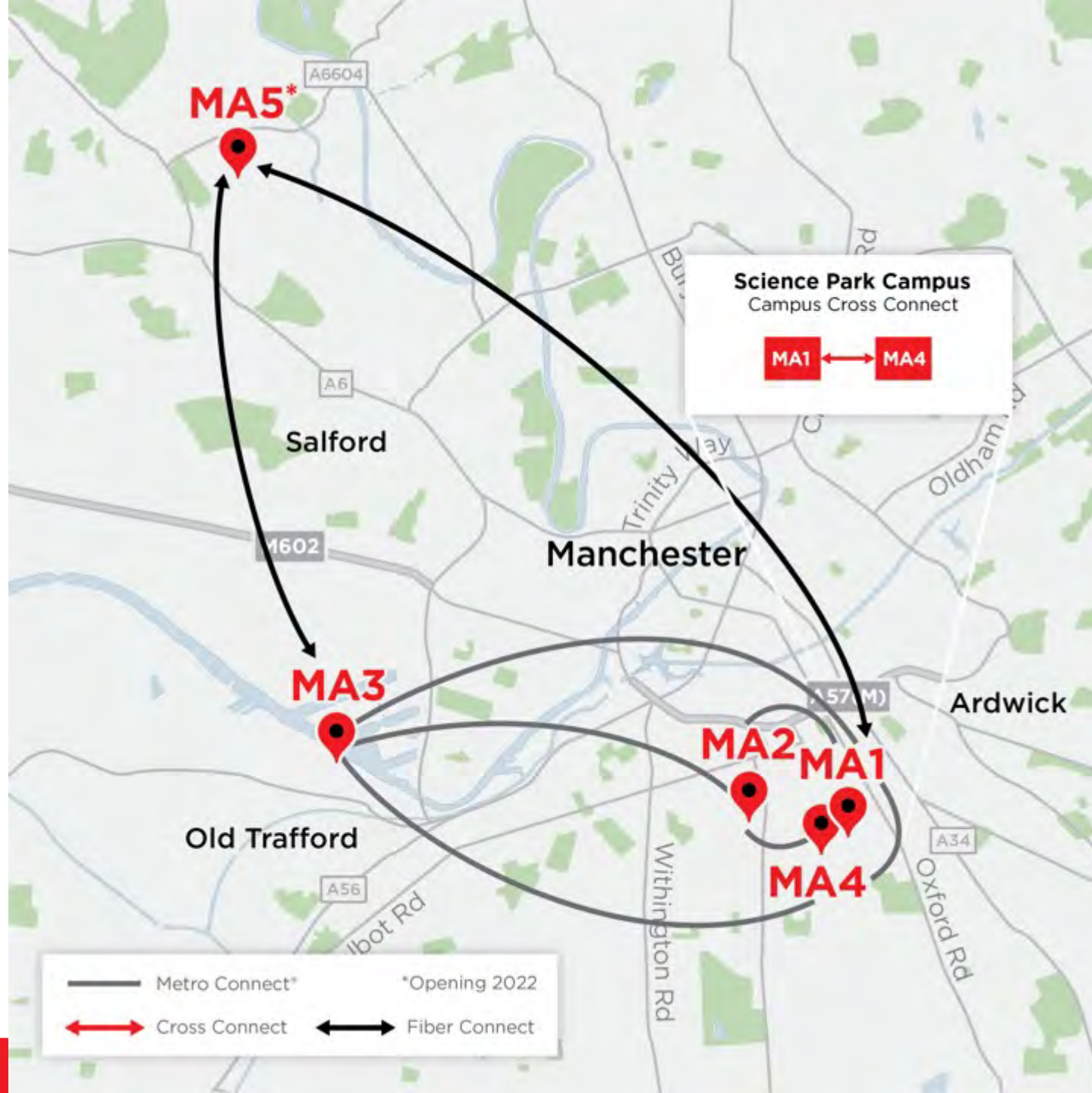


Manchester Metro




MA5 Our new flagship site in Manchester offers premium colocation and long-term capacity for all customers. MA5 has excellent connectivity to the MA1/MA4 Campus, MA3, MA2 and our London and Dublin IBX and xScale sites. Suitable for high density deployments, MA5 hosts Equinix Fabric, Equinix IX and Network Edge nodes making MA5 an attractive new interconnection hub and remote geo redundant deployment location for London.

MA1/MA4 and MA3 together form the UK's most network dense location outside London with direct connectivity to the Equinix London Slough campus and LD8.

MA2 suitable for small scale deployments

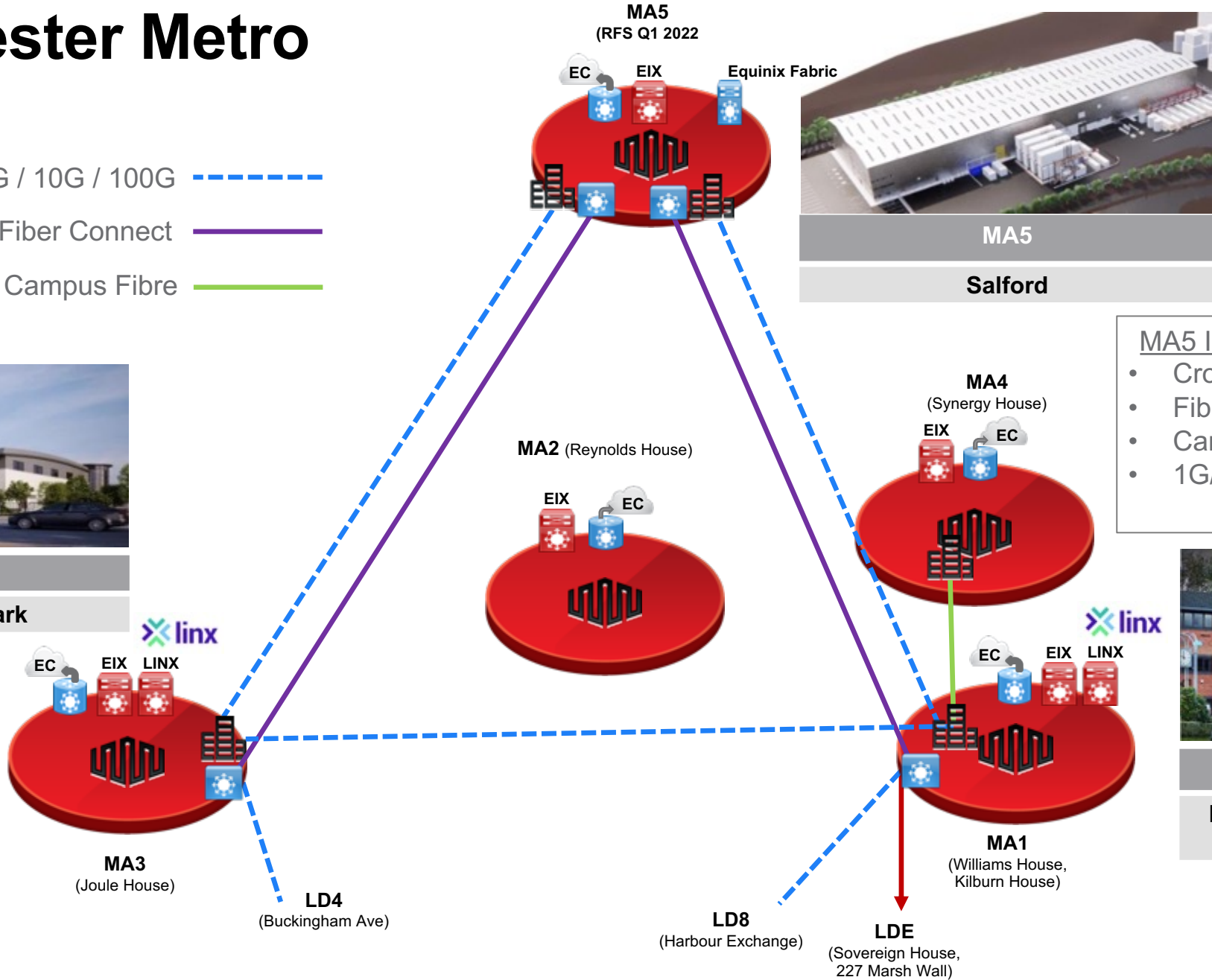


Manchester Metro

Metro Connect 1G / 10G / 100G 
Fiber Connect 
Campus Fibre 



MA3
Trafford Park



MA5
Salford

MA5 Interconnection

- Cross-Connect
- Fiber Connect
- Campus Fibre
- 1G/10G/100G Metro Connect



MA1, MA2 & MA4
Manchester Science Park
& Technopark



IX and Peering in Manchester



PLATFORM EQUINIX®



MA1,3

121 ASNs
196 Gbps peak



MA1,3,5

Equinix Internet
Exchange™

25 ASNs
3.5 Gbps peak

Public and Private Peering in Manchester

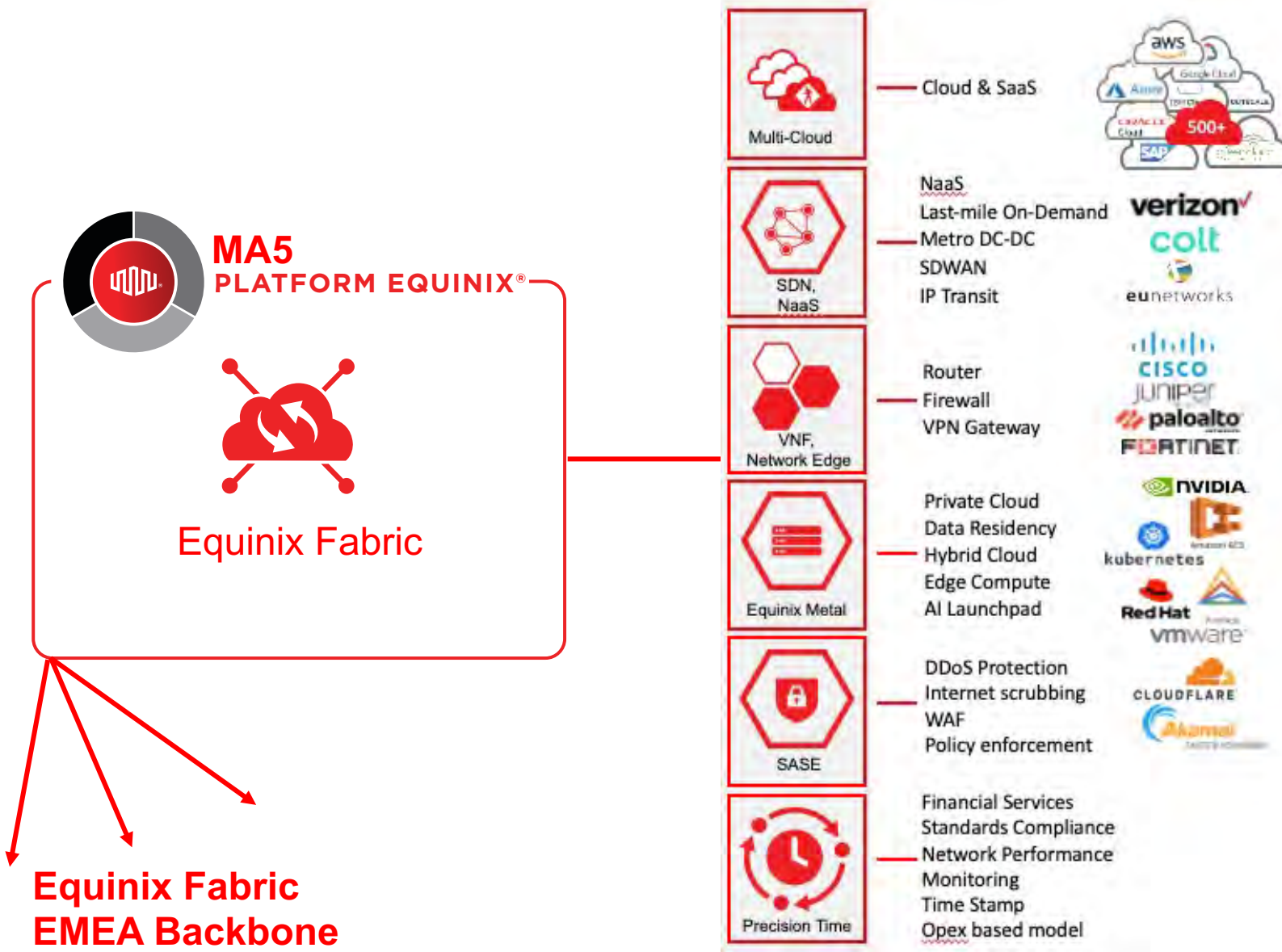
Private peering (PNI) leverages existing network (ASN) density in MA1/4 campus. From MA5 peering across the metro is supported by low-cost connectivity – FC (DF) and MC (EoDWDM).

LINX Manchester and **Equinix Internet Exchange** offer public peering.

*September 2021



Equinix Fabric – The Building Blocks of Digital Transformation



Scalability. Performance. Control.

Equinix Fabric is a multi-service provisioning platform offering private pan-European & global connectivity to **multiple** destinations leveraging cloud, SaaS, security, IT and network services.

2,000+ service providers and enterprises are interconnected globally over 29,000+ virtual circuits on **Equinix Fabric**

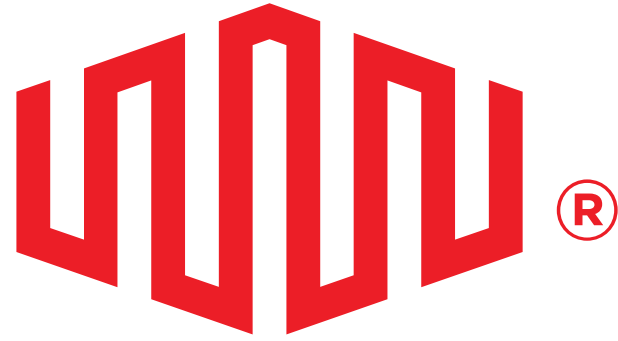
Implement migration to **SDWAN** and last mile **On-Demand** services through Fabric API – driven extension of NSP partner SDN services.

Spin-up **Equinix Network Edge VNF** instances on **Equinix fabric** for virtual remote presence, inter-cloud routing of workflows, and off-net network expansions.

Leverage Equinix Metal through **Equinix Fabric** for flexible **hybrid cloud and edge computing services**

Access world-leading **SASE** and **DDoS mitigation services** on Equinix Fabric

Support network operations and transactions with Equinix **Precision Time and NTP**



EQUINIX