

Low latency is your edge

10s of milliseconds lower latency

Built on proprietary physical infrastructure

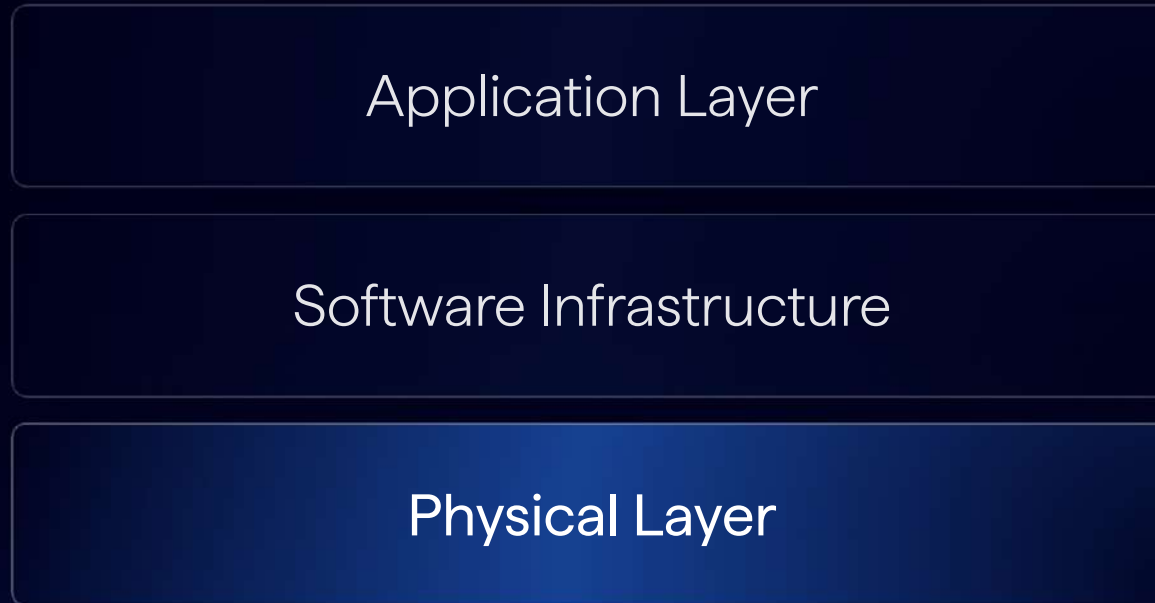


up to 90%

is determined at the physical layer,
directly impacting execution and P&L

Low latency stack

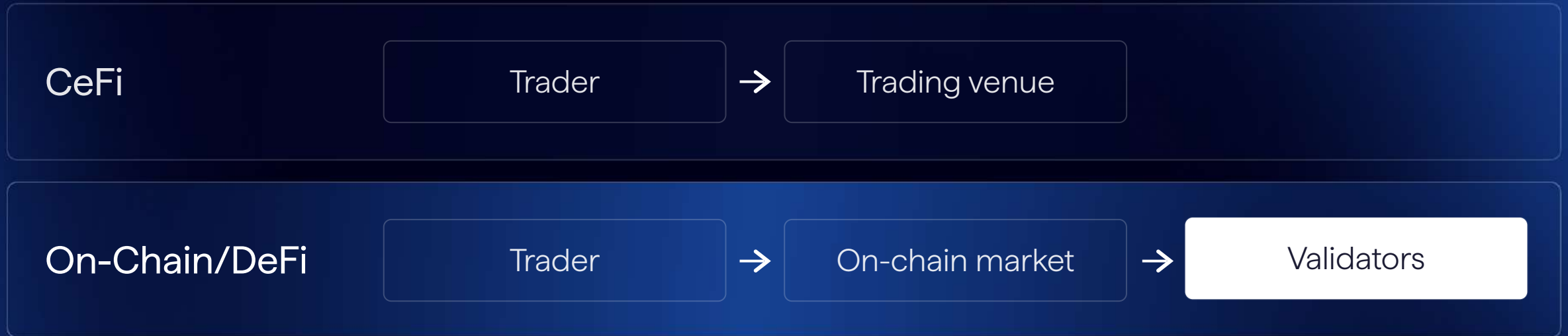
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While many providers focus on software layers or single-chain environments, Avelacom operates at the physical network layer – connecting TradFi, CeFi, and on-chain markets at the physical network layer.

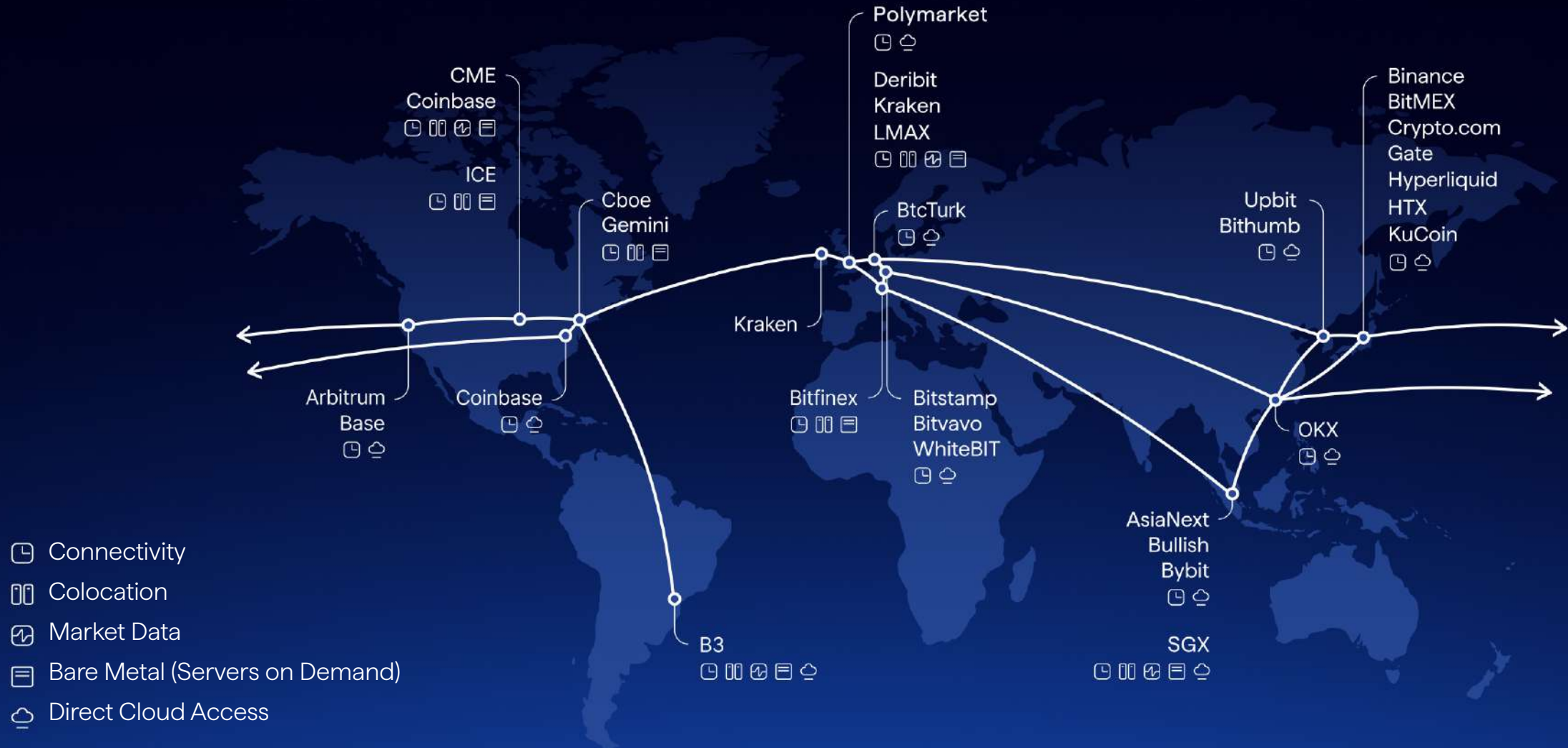
Low latency across the trading cycle

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Avelacom underpins low-latency connectivity across trading venues (CeFi) and validator networks (on-chain/DeFi)

Low-latency fiber network coverage



Ultra-low latency hybrid network coverage

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Fiber + microwave for HFT-grade latency across digital asset and on-chain markets

Our Solutions

Connectivity

- Low latency connectivity across trading venues and blockchain nodes
- WAN
- Cloud-to-Cloud



Market Data



Colocation



Bare metal (Servers on Demand)

- Presence in key data centers
- Proximity to exchanges and validator infrastructure



Network Setup Options

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Bare Metal (Data Center) ↔
Bare Metal (Data Center)
On-prem to on-prem
connectivity

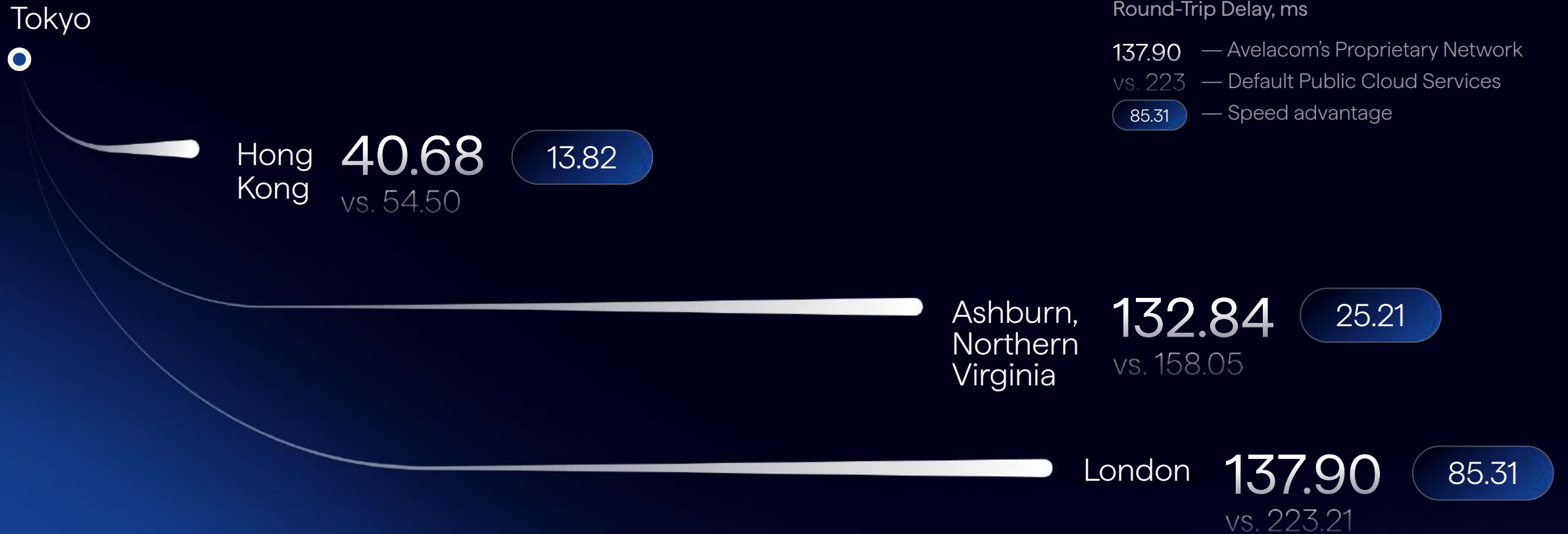


Bare Metal
(Data Center) ↔ EC2
On-prem to cloud
(AWS, Azure, Alibaba,
Google Cloud VPC)



EC2 ↔ EC2
VPC virtual machines across
different regions (AWS, Azure,
Alibaba, Google Cloud)

Most Popular Routes and Latency Advantage



Routes with >15 ms Difference (fiber)

Latency Advantage, RTD

	AWS*	Avelacom	DIFF
AWS Seoul <> AWS London	246 . 64	160 . 00	86 . 64
LD4 <> Tokyo	223 . 21	137 . 90	85 . 31
AWS Seoul <> AWS Dublin	239 . 10	168 . 71	70 . 39
AWS Dublin <> Tokyo	212 . 83	144 . 98	67 . 85
AWS Dublin <> AWS Hong Kong	217 . 94	154 . 05	63 . 89
AWS Seattle (Arbitrum DeFi) <> LD4	148 . 48	115 . 89	32 . 59
AWS Tokyo <> AWS São Paulo	260 . 83	235 . 04	25 . 79
AWS Singapore <> AWS Dublin	175 . 75	154 . 52	21 . 23
AWS Tokyo <> AWS Seoul	39 . 84	22 . 10	17 . 74

* 99th Percentile, round trip delay

Low latency is not the only advantage

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Consistent performance

Low jitter |
Predictable latency



Reliability

Dual, tri, and quad
redundancy | 99.9% uptime




24/7 Support

Free trial: compare Avelacom to your current setup

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Select the trading venues/locations you operate on (bare metal or EC2)

[01]



Connect your infrastructure to Avelacom's network following our guidelines

[02]



Test lower network latency with SLA-guaranteed performance and 24/7 support

[03]

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