SCION Goes Global.

Leveraging SCION for secure web3 communication in the Sui blockchain.

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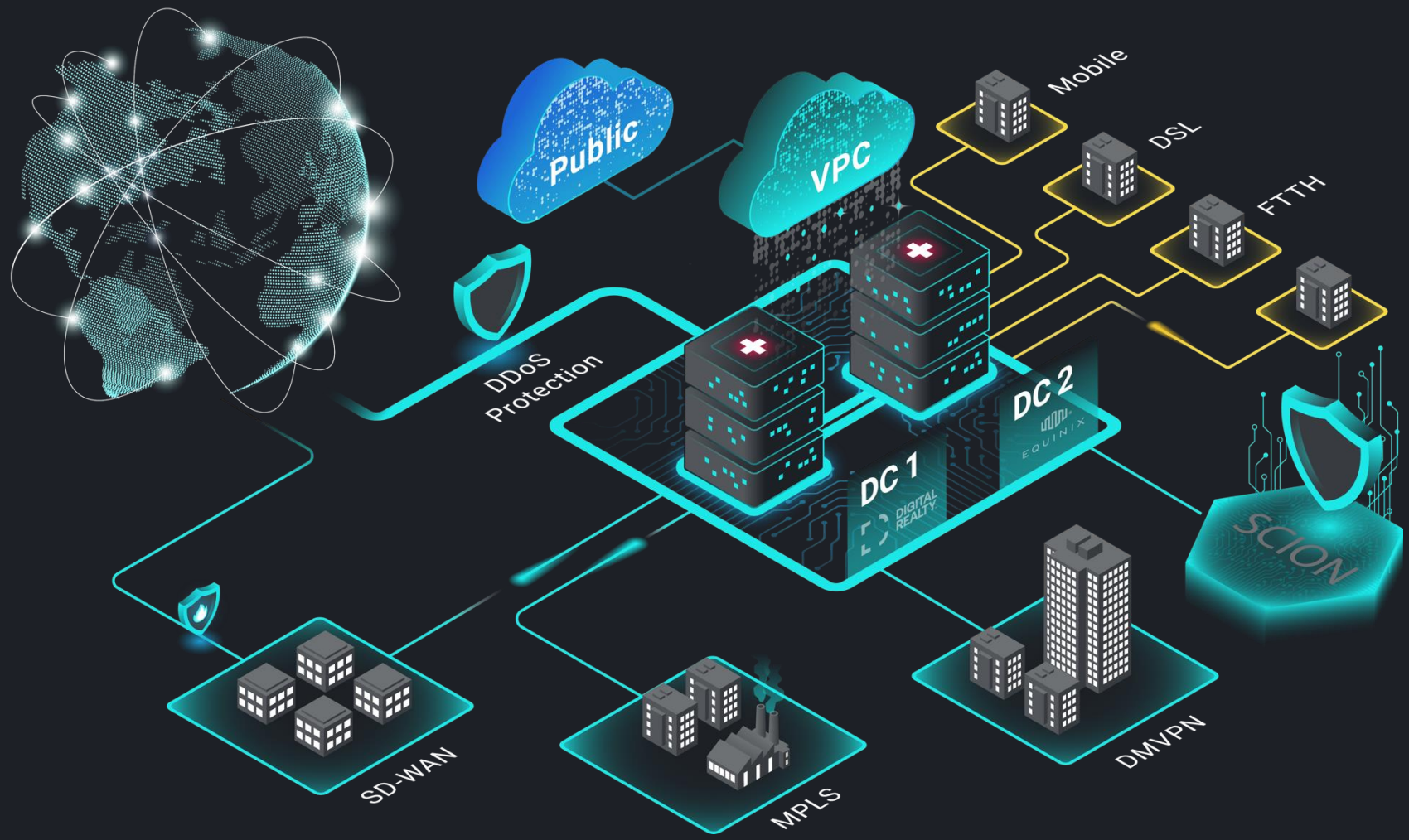

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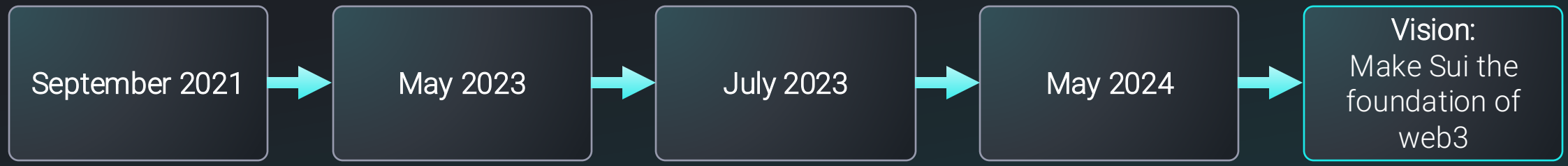

Founding of Mysten Labs

Launch of the Sui mainnet (L1 blockchain)

65 million transaction blocks in a single day

1 year of Sui Mainnet with zero downtime

Scale technology to billions of people

Enable novel web3 applications

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How did Mysten Labs become aware of SCION?

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> SCION is the security layer that the Internet desperately needs: it is built from the ground up with security in mind.“

George Danezis,
Co-Founder and Chief Scientist at Mysten Labs

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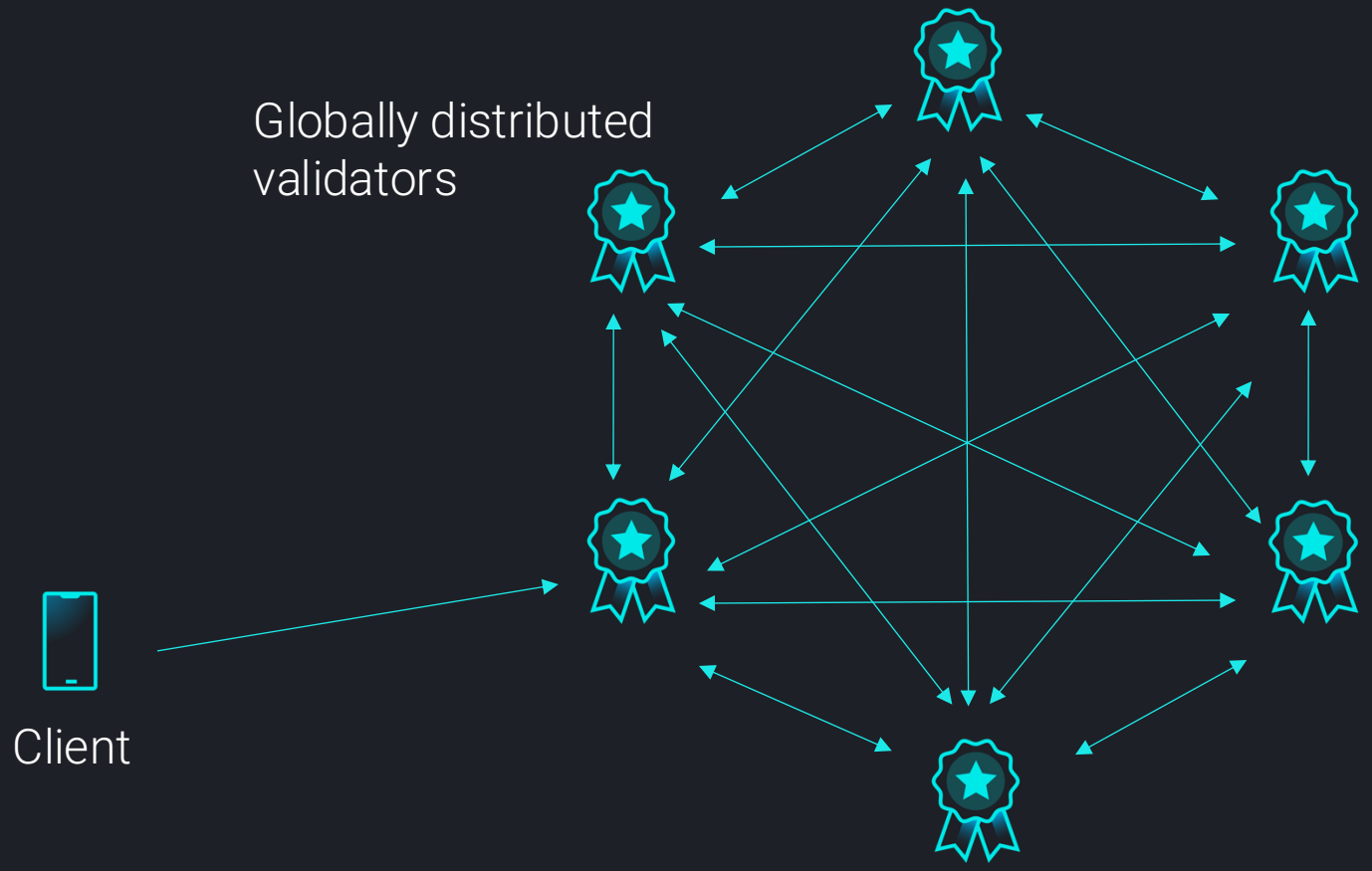
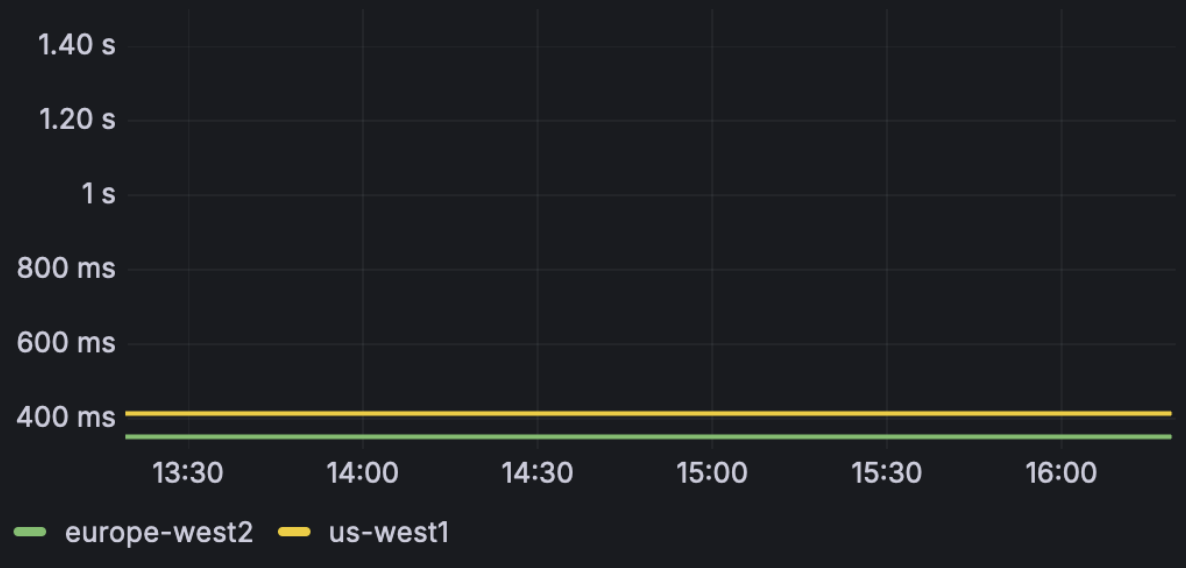
What are the needs?

…of a blockchain network like Sui for the communication infrastructure?

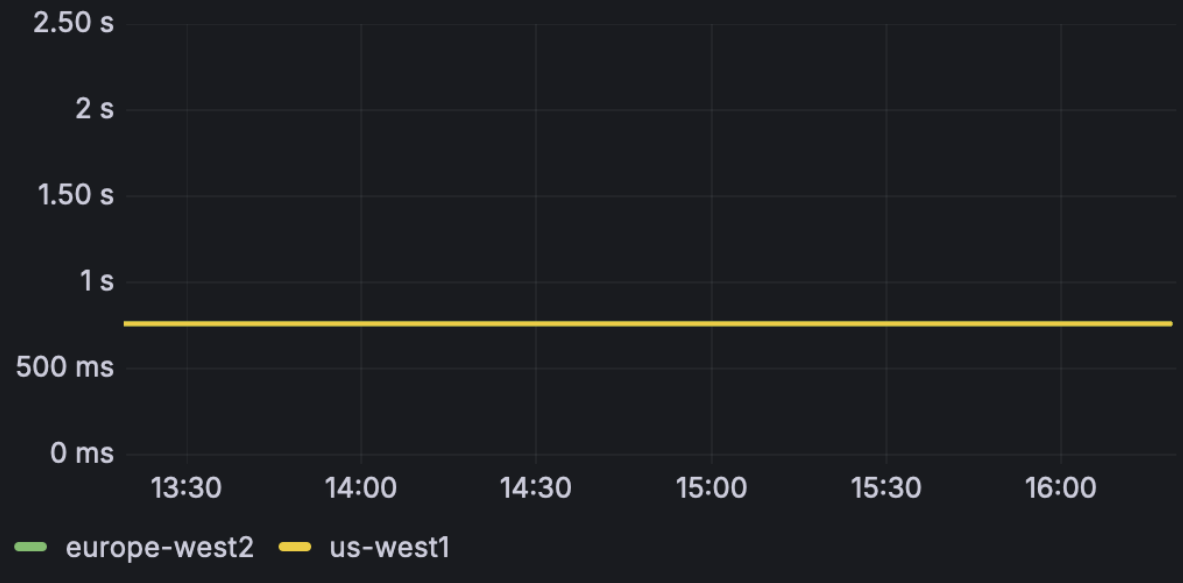
How does Sui Work?



Latency (owned object)



Latency (shared object)



p25 Owned Object L...

europe-west2

us-west1

p50 Owned Object L...

europe-west2

us-west1

p90 Owned Object L...

europe-west2

us-west1

p25 Shared Object L...

europe-west2

us-west1

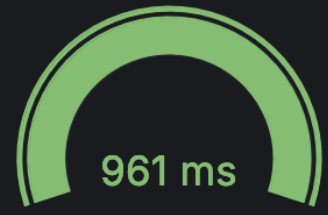
p50 Shared Object L...

europe-west2

us-west1

p90 Shared Object L...

europe-west2



us-west1

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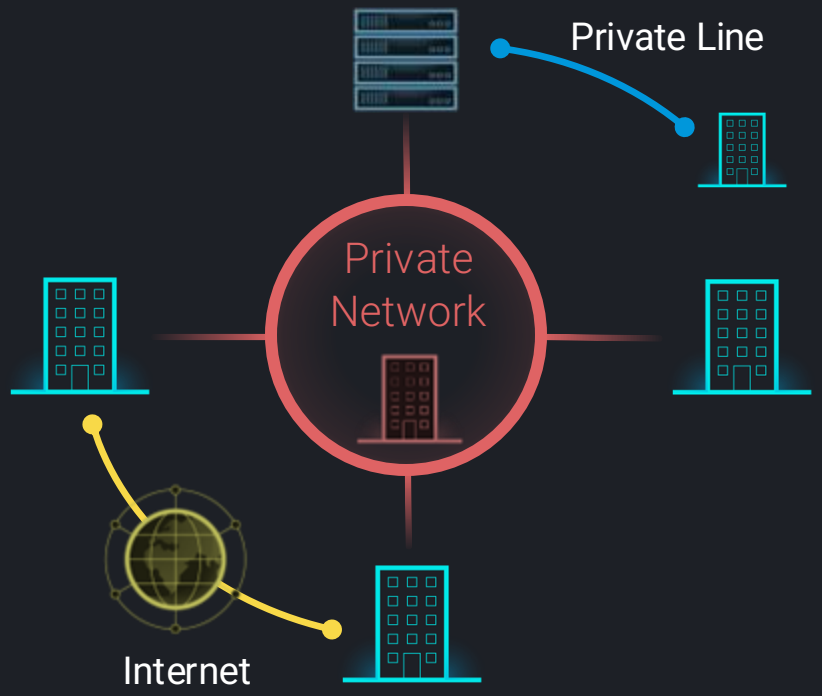
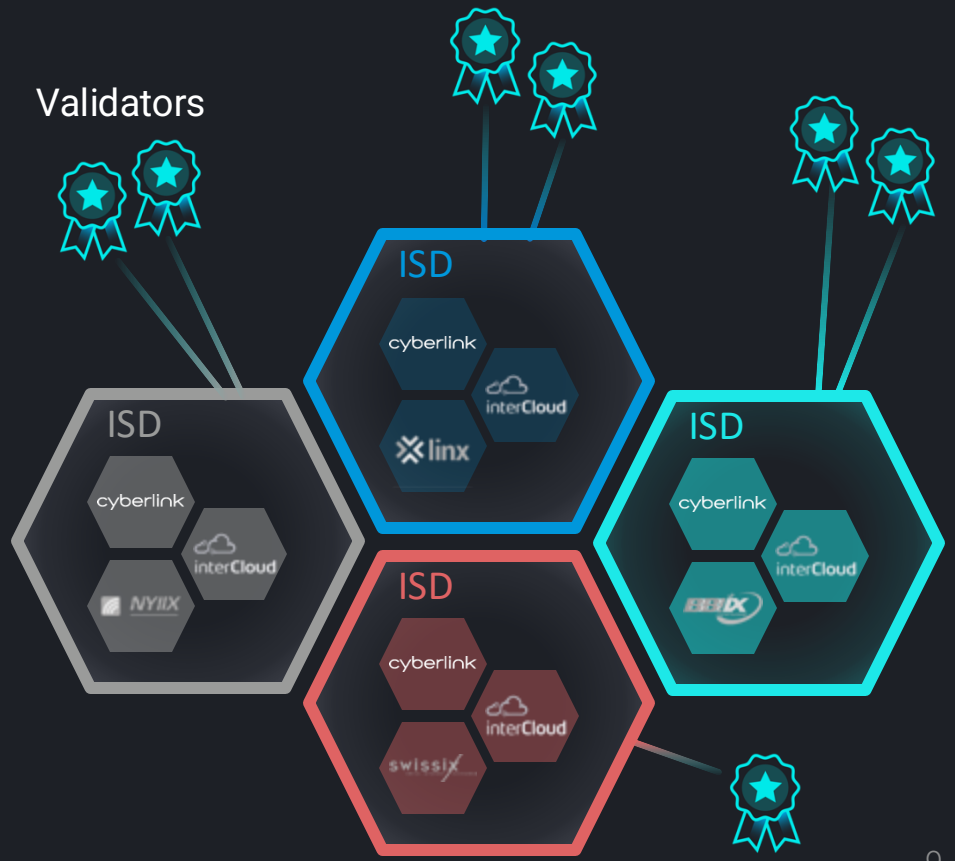
Why private networks are no solution.





What we really need is a public, distributed, and redundant network that is guaranteed to be available at any time.

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Why is SCION the ideal solution?

…for Web3 communication infrastructures.

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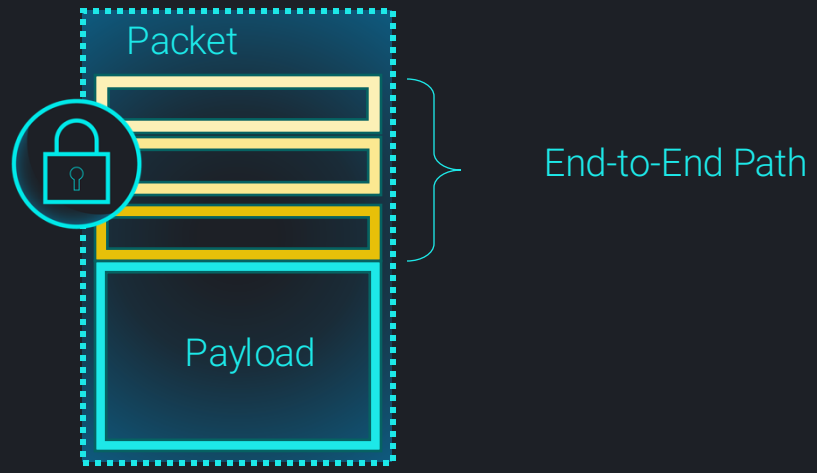
How SCION fulfills Sui's requirements.

- Defense against routing attacks
- Path selection
- Packet authentication and bandwidth reservations



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What network infrastructure do we need for a SCION-abled Sui?

No single point of failure

Performance

Worldwide accessibility

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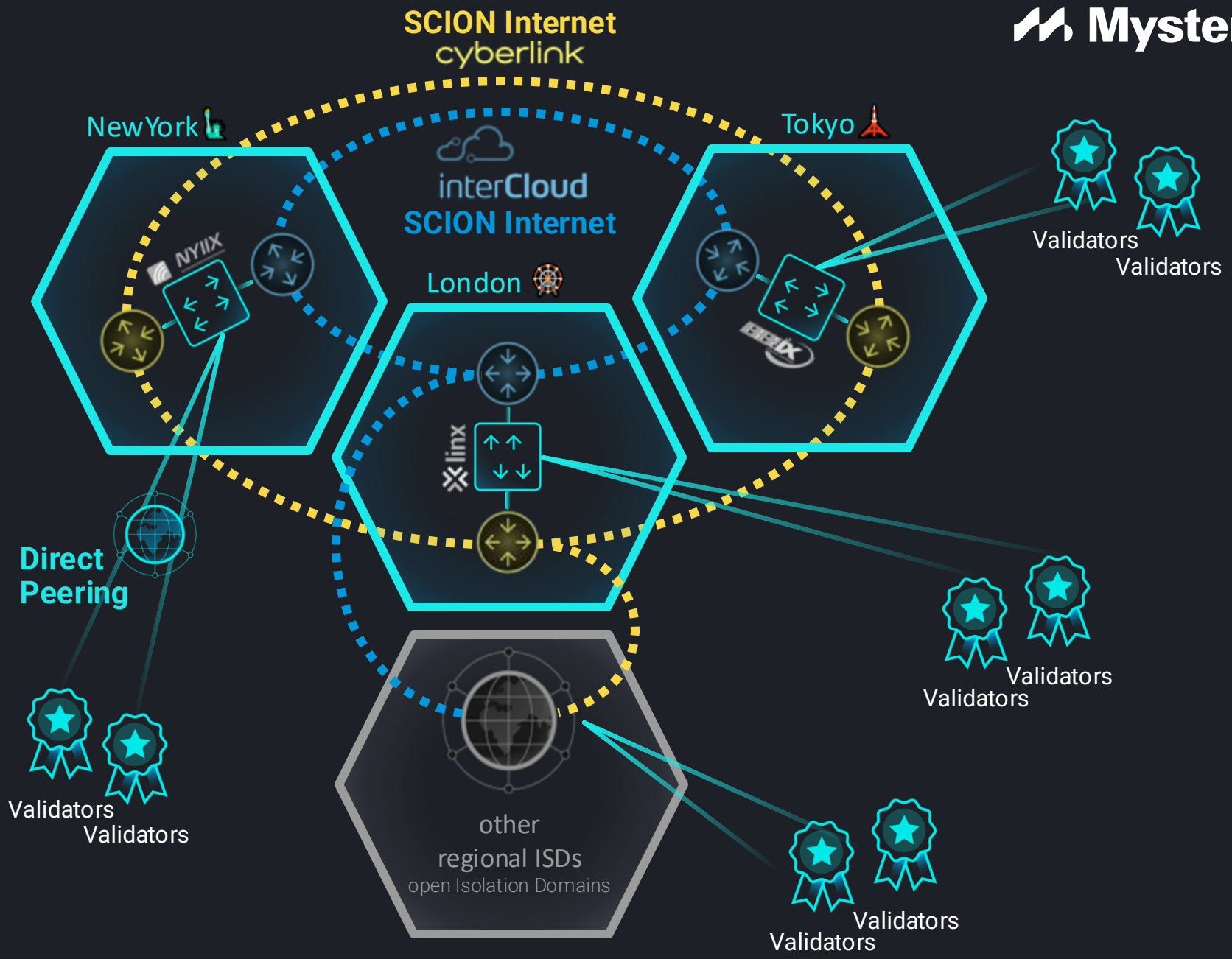

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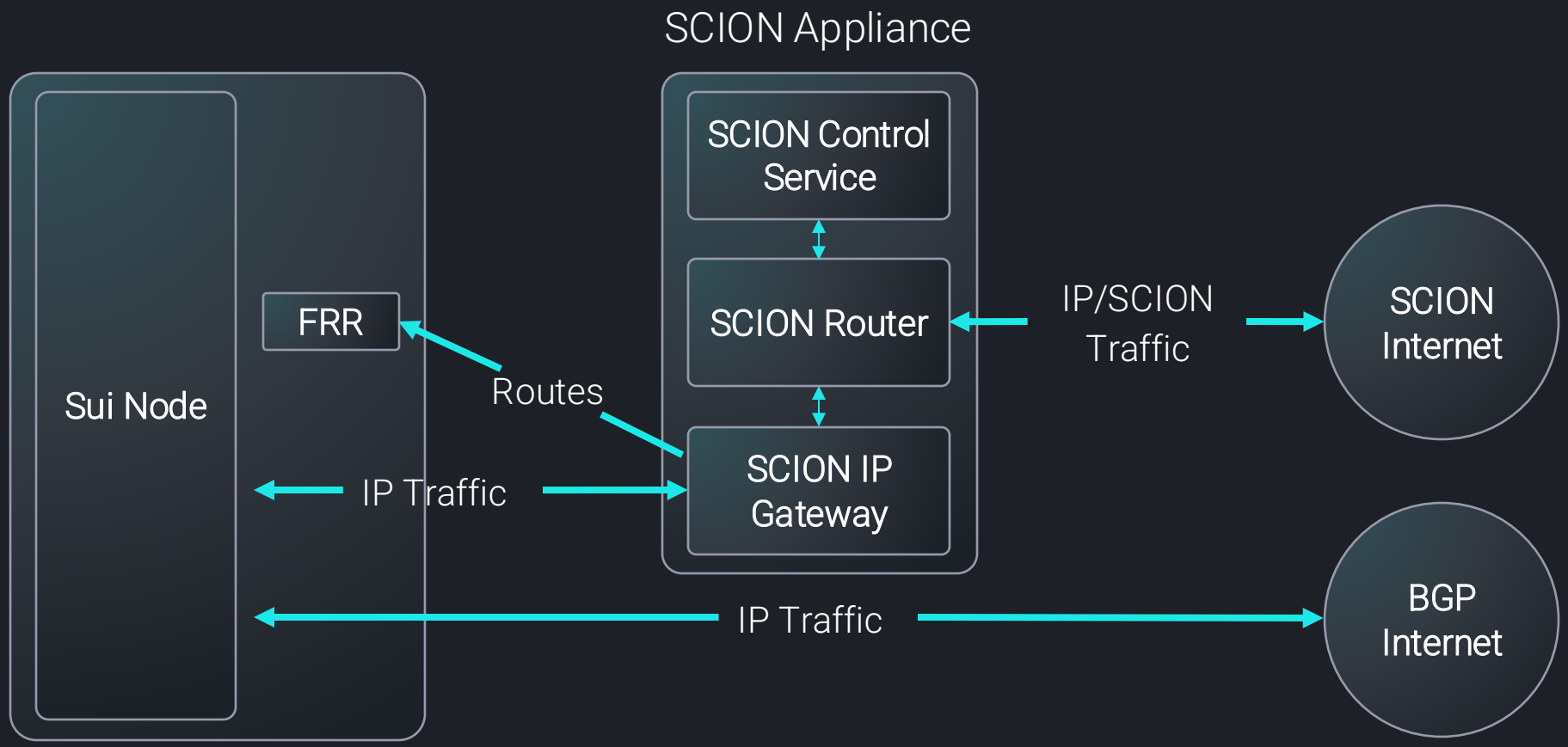
Deployment at validators.



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Thank you.

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