

Customer adoption at record speed

Large-scale deployments across **10,000+ hardware routers** supporting multiple 10's of millions of subscribers

Publicly announced:
SoftBank Iliad

SRv6 key benefits:



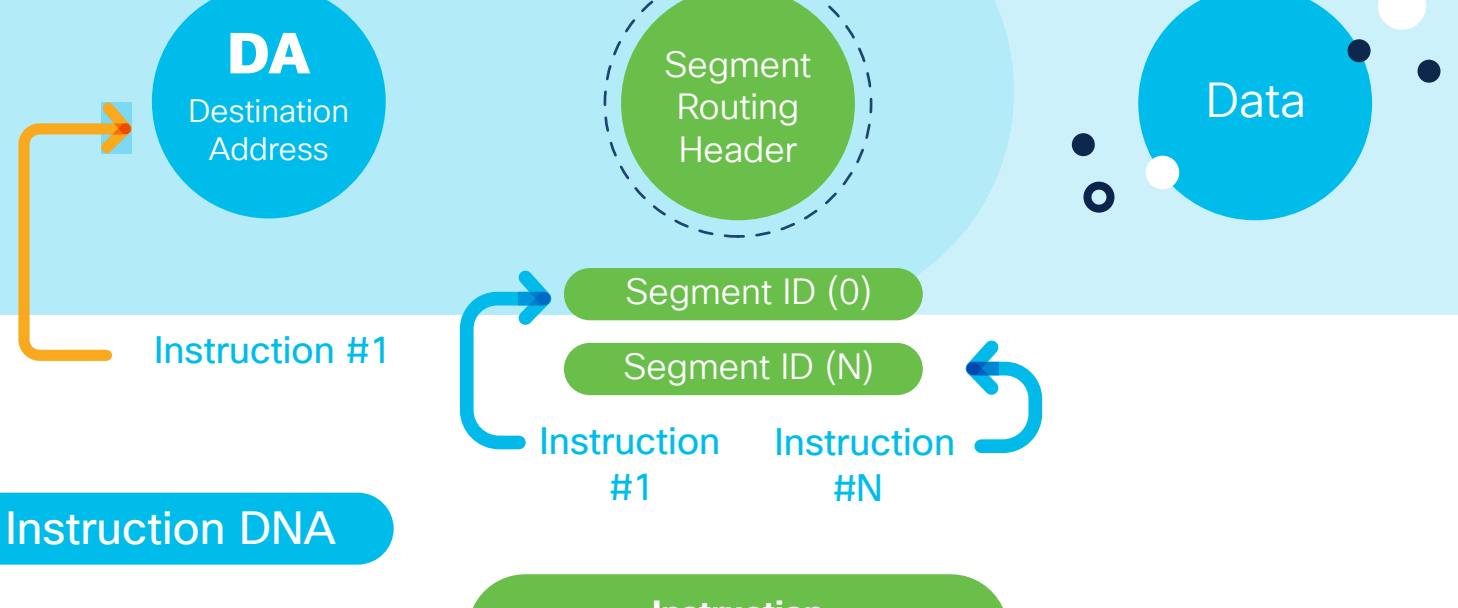
Network Programming

Program your network with a simple list of instructions

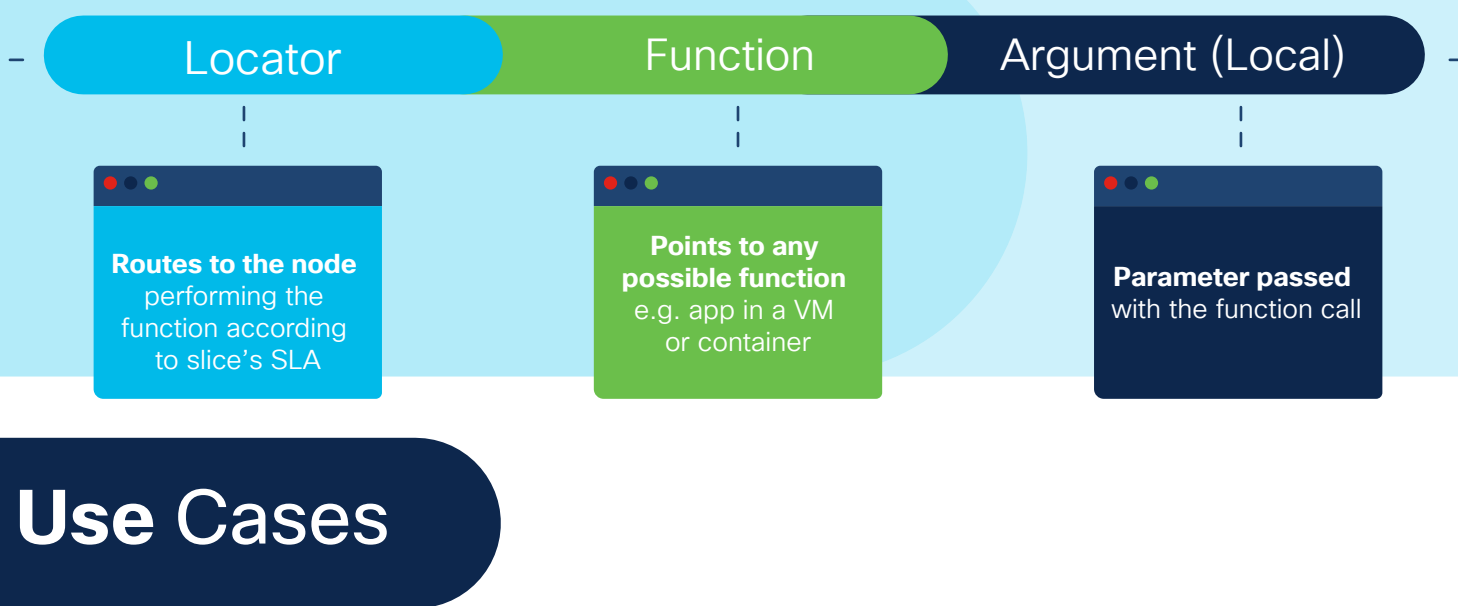
One instruction only



More than one instruction

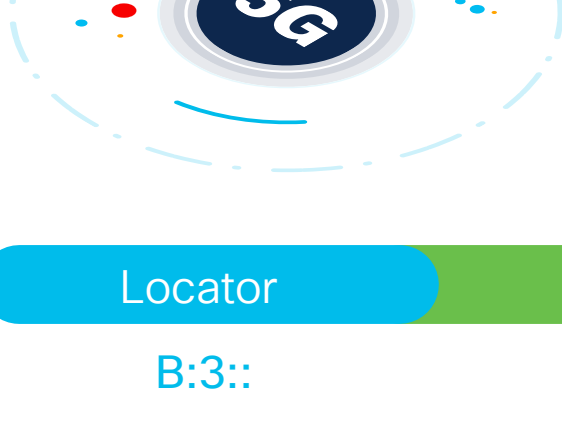


Instruction DNA



Use Cases

Use Case #1 - VPN over Best-Effort 5G Slice



VPN service over a **best-effort 5G slice** implemented with only ONE instruction



IS-IS base algo (Low Cost, Best Effort)



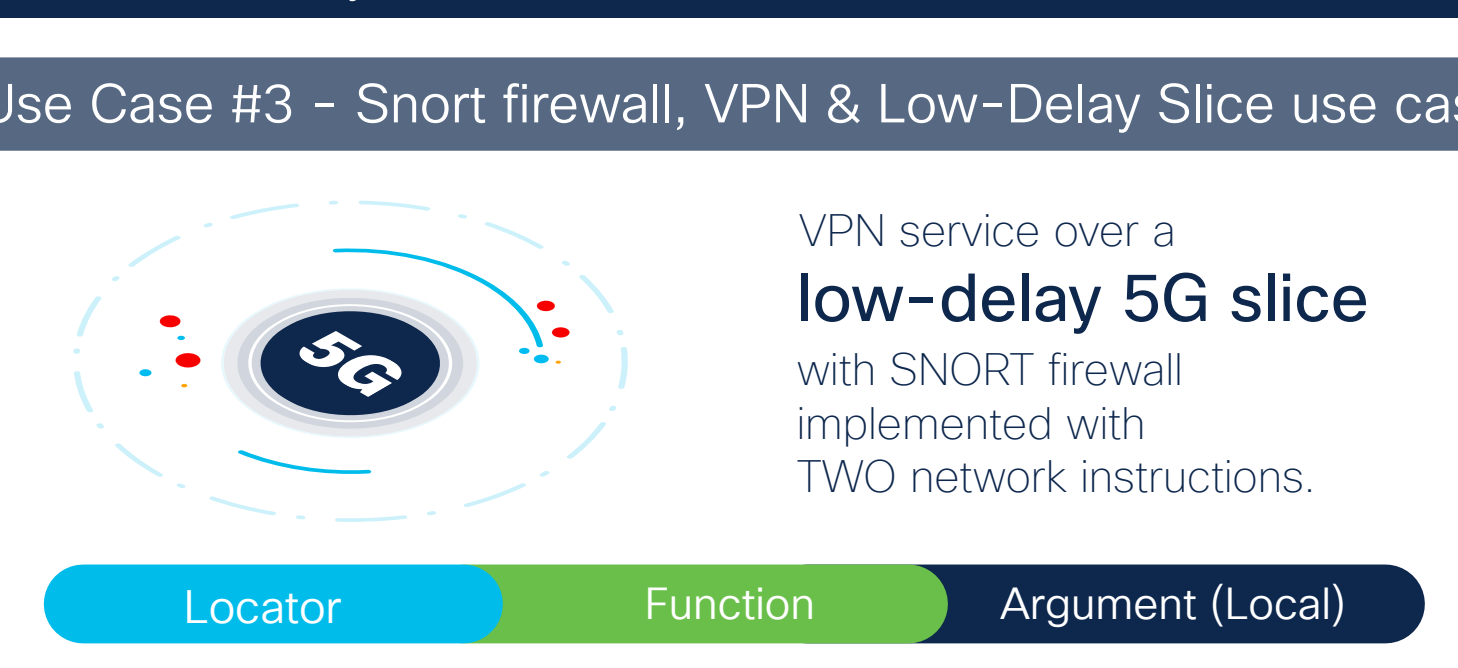
Use Case #2 - VPN with Low-Delay 5G Slice



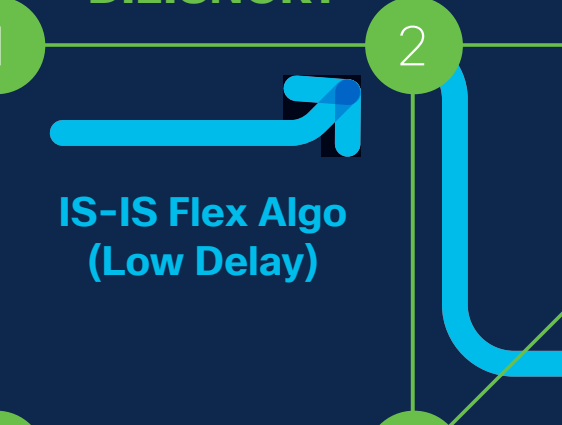
VPN service over a **low-delay 5G slice** implemented with only ONE instruction thanks to Flexible Algorithm.



IS-IS Algo (Low Delay)



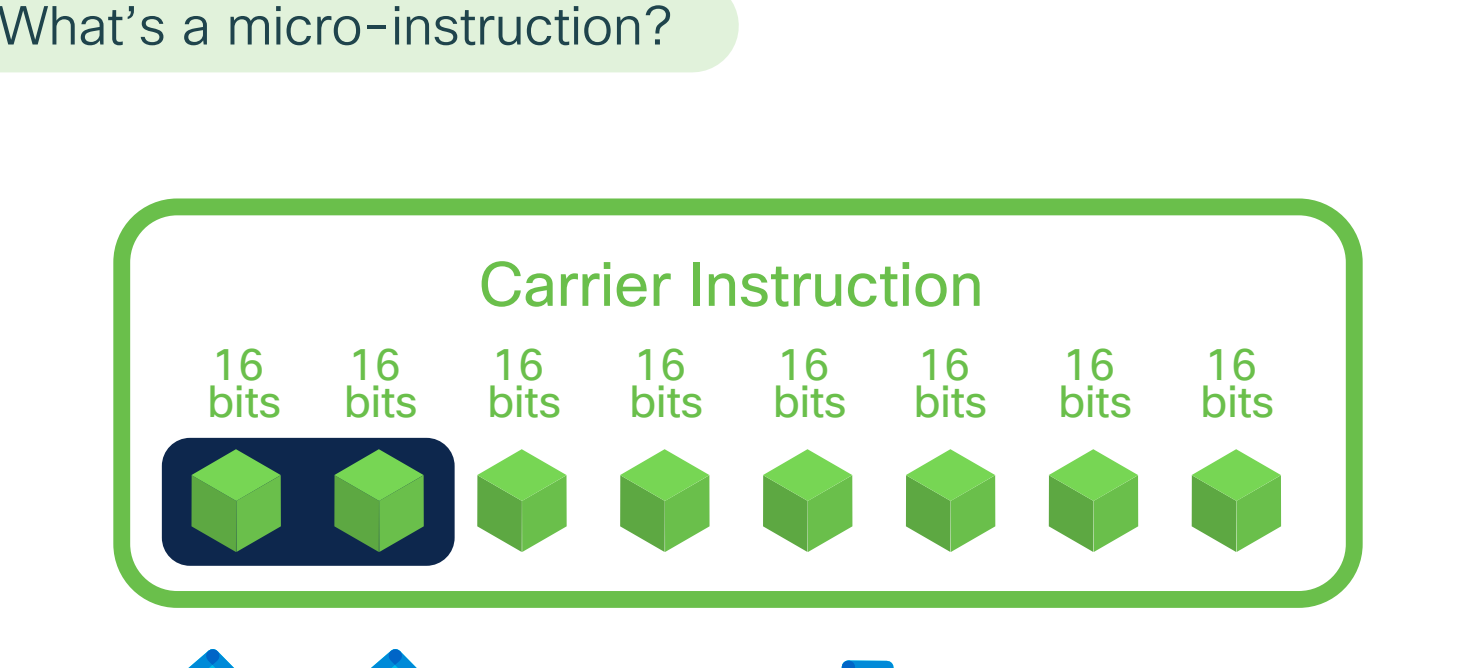
Use Case #3 - Snort firewall, VPN & Low-Delay Slice use case



VPN service over a **low-delay 5G slice** with SNORT firewall implemented with TWO network instructions.

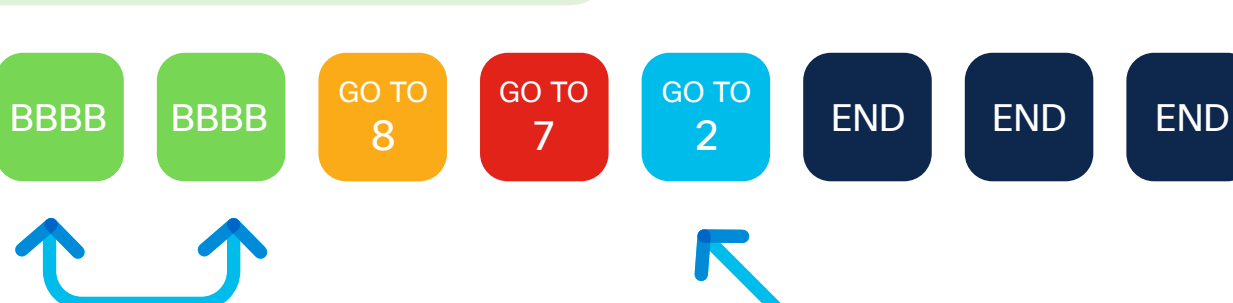


IS-IS Flex Algo (Low Delay)



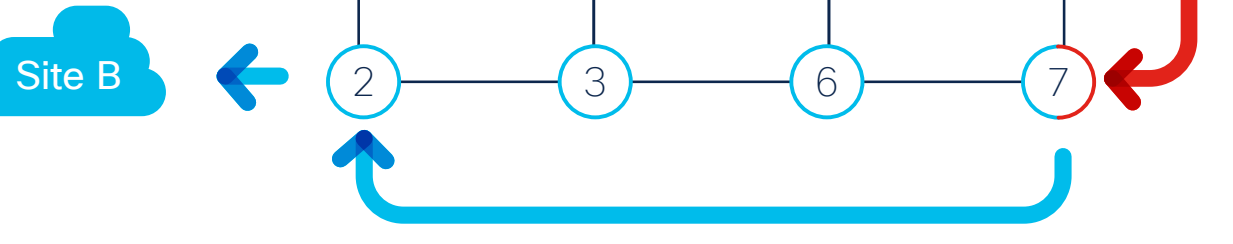
Massive scale with micro-instructions

What's a micro-instruction?

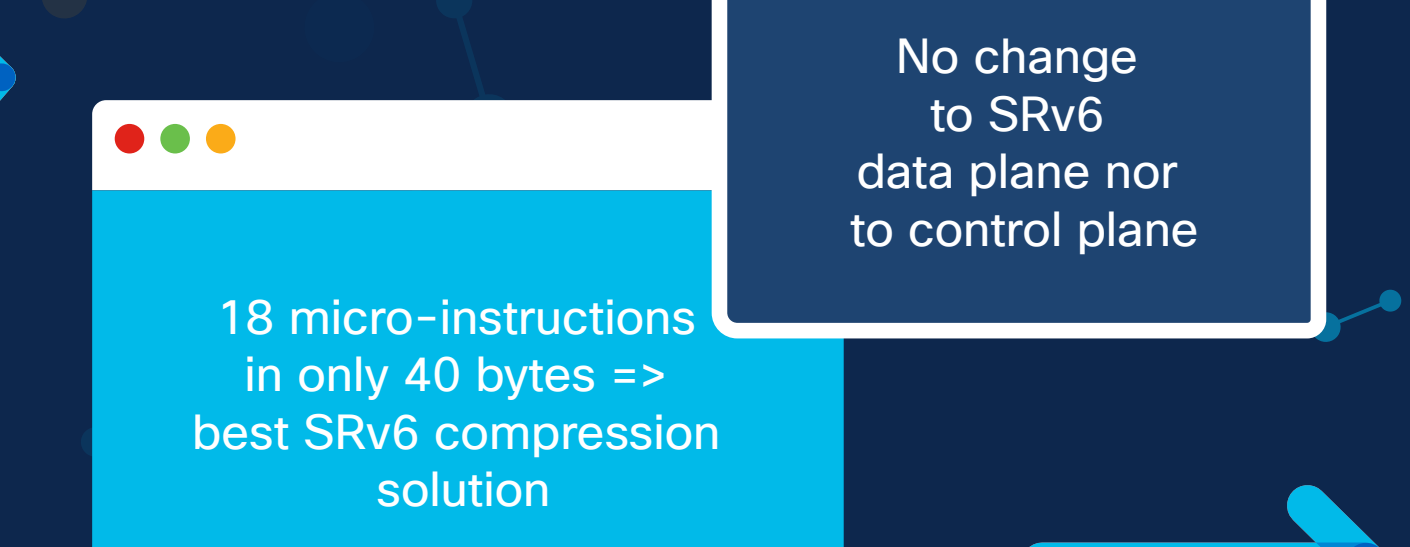


Carrier Identifier (first 2 blocks) and Up to six micro-instructions (remaining 6 blocks)

Network Program Instruction



Carrier Identifier (first 2 blocks) and Up to six micro-instructions (remaining 7 blocks)



Benefits

18 micro-instructions in only 40 bytes => best SRv6 compression solution

No change to SRv6 data plane nor to control plane

Ultra 5G scale to enable any use case