Benefits

- No change to SRv6 data plane nor control plane
- 18 micro-instructions in only 40 bytes => best SRv6 compression solution
- Ultra 5G scale to enable any use case
- Program your network with a simple list of instructions

SRv6 key benefits:
- Massively scalable
- Simple Programmable
- Large-scale deployments across 10,000+ hardware routers supporting multiple 10's of millions of subscribers
- Publicly announced: Softbank, Iliad

What's a micro-instruction?

- Carrier Instruction
  - Up to six micro-instructions

Network Programming Instruction

- BBBB BBBB
- GO TO 8
- GO TO 7
- GO TO 2
- END

Customer adoption at record speed

Use Cases

- Use Case #1 - VPN over Best-Effort 5G Slice
  - VPN service over a best-effort 5G slice implemented with only ONE instruction

- 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.

- 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.

Massive scale with micro-instructions