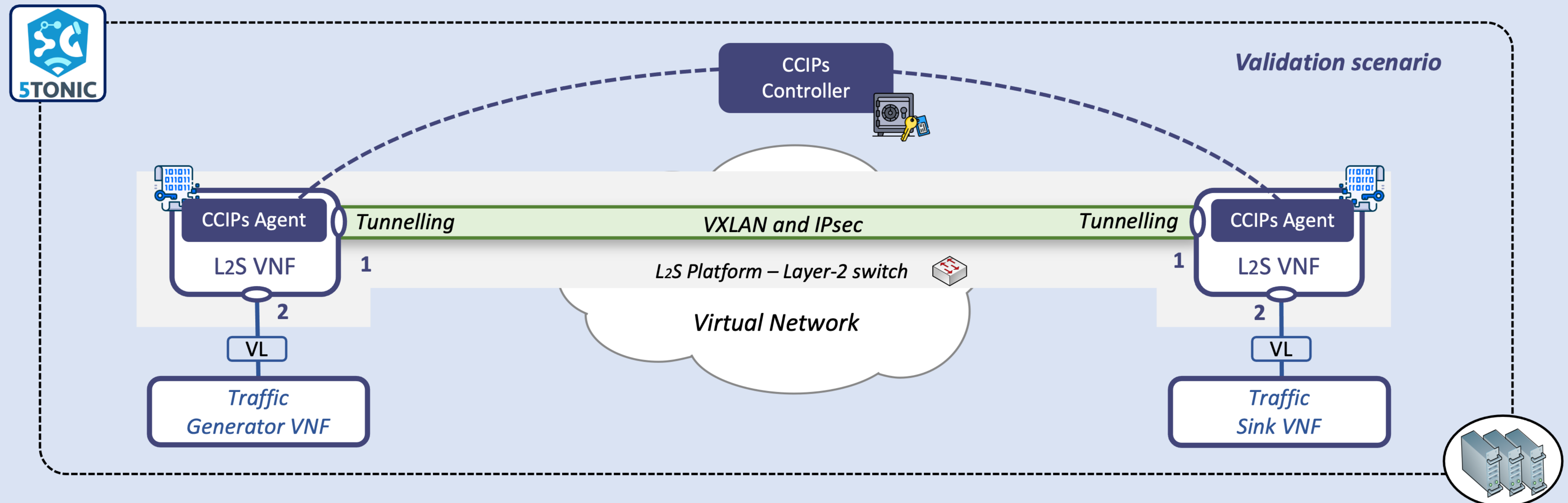


Providing Secure NFV Multi-Site Connectivity Services



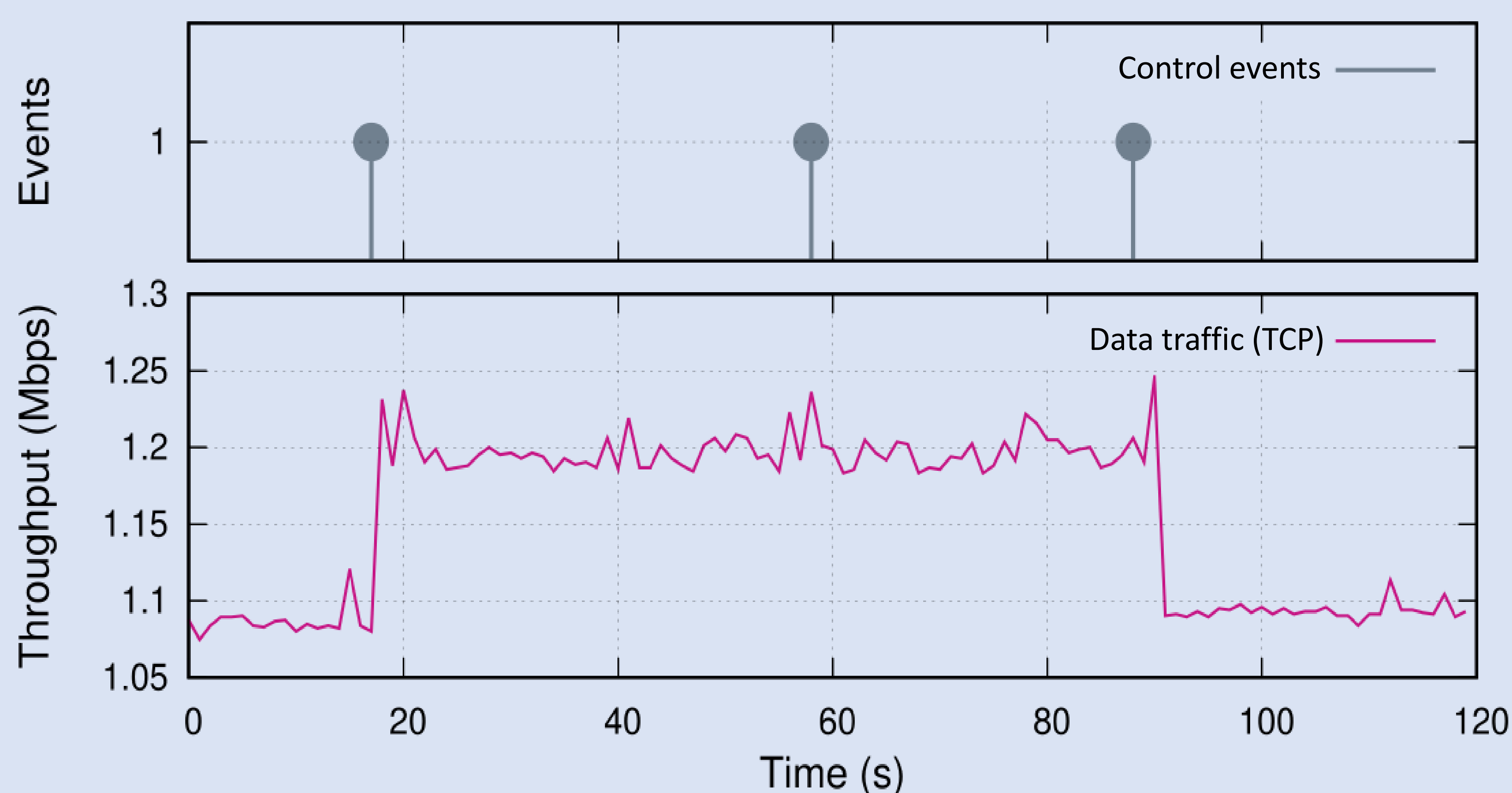
DESCRIPTION OF COMPONENTS AND ARCHITECTURE



L2S platform offers an abstraction of a **layer-2 switch** with VLANs support that spans **multiple NFV sites**. In addition, it protects data communications among NFV sites using standards protocols and state-of-the-art open-source technologies (such as VXLAN, or IPsec), preserving isolated operations of multi-site NFV services.

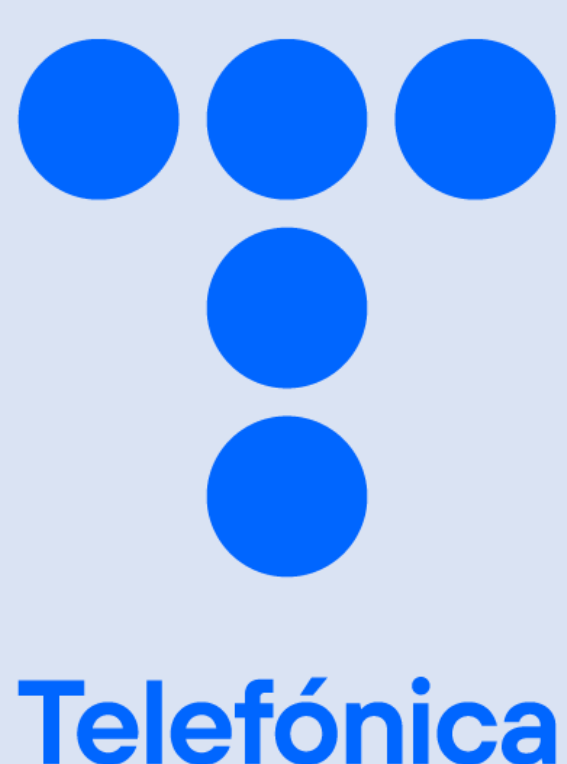
The Centrally Controlled IPsec (CCIPS) goes beyond the classical point to point IPsec setup and provides a **centralized architectural solution** to control multiple IPsec endpoints or gateways. This solution is composed of a centralized E2E manager (controller) and two or more agents, based on IPsec engine in **IKE-less mode** (no IKE protocol is needed).

VALIDATION OF THE SCENARIO



- CCIPS agents orchestrated by CCIPS controller
 - Data and control nodes
 - Encryption algorithms
 - Lifetimes for SA
- Events
 - CCIPS on
 - Rekey
 - CCIPS off
- Traffic increases due to the exchange of encrypted packets

PoC TEAM MEMBERS



FISHY EU PROJECT



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