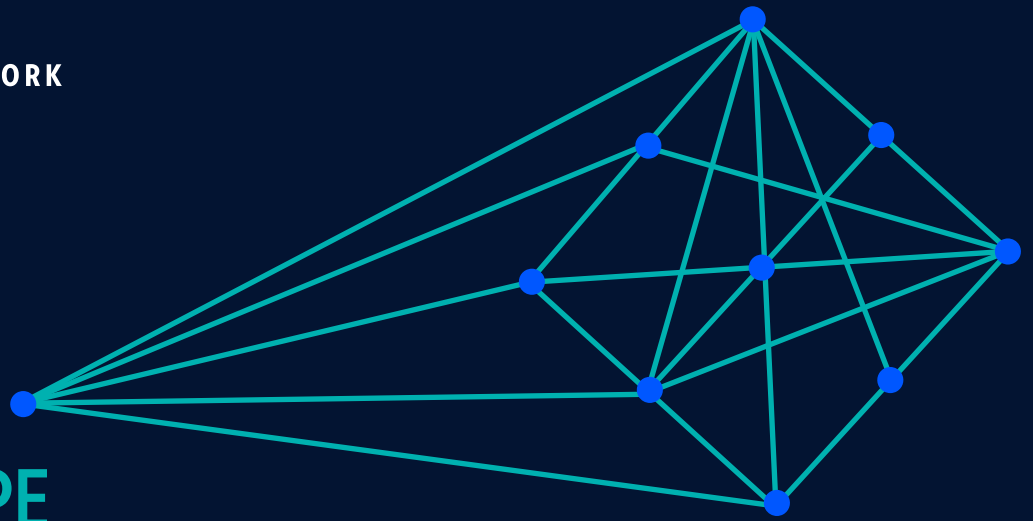




THE ELASTIC NETWORK

MERCURY UNIVERSAL CPE



ENABLING MODERNIZED BUSINESS SERVICES

One peek into the communications closet of a typical business today brings you face-to-face with a clutter of single-purpose boxes for edge routing, cyber security, WAN optimization, and other networking functions. Each box is individually installed, managed, and upgraded.

Not anymore. Mercury uCPE streamlines multiple customer premises networking functions into a single software-configurable appliance – directly reducing entry costs. But ECI’s Mercury uCPE is much more than that. It allows service providers to combine networking functions flexibly in innovative ways to create value-added service mixes. These can be tailored to individual customer needs, expand the services portfolio, and generate new revenue streams. In parallel, uCPE lowers operational costs through self-installation capabilities and centralized management, delivering remote zero-touch provisioning and upgrades, and eliminating truck rolls. This can even be incorporated into self-service customer portals.

Mercury uCPE is future-proof and can easily incorporate new networking functions as they become available. In short, Mercury uCPE is the ultimate vehicle to deliver modernized business services, while improving service providers’ top and bottom lines.

Mercury uCPE delivers major benefits to service providers and customers alike.



For Service Providers the ability to offer leased services for new revenue streams



For Enterprises peace-of-mind as upgrades and security are outsourced



Lower equipment costs



Elimination of truck rolls



The ability to shop for best-of-breed solutions



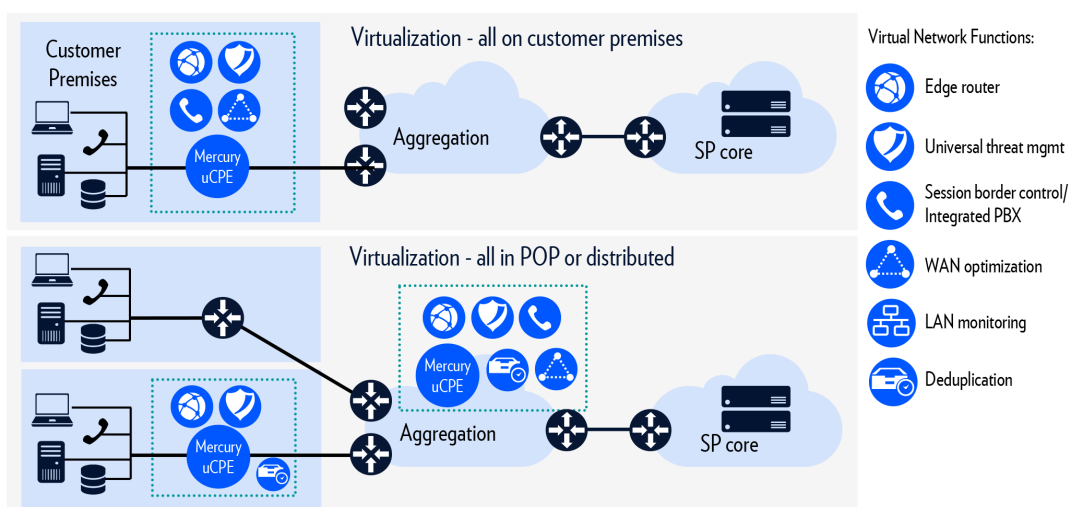
Freedom to customize services to specific customer needs

REVOLUTIONIZING CUSTOMER PREMISES EQUIPMENT

Maintaining physical Customer Premises Equipment (CPE) is costly for both service providers and businesses. It involves hardware from many vendors, truck rolls, manpower, and specialized skill sets to install each one physically at the customer site, and to perform upgrades, patches, and fixes. Then, there is the entire issue of deploying new functions and services.

Mercury Universal CPE (uCPE) revolutionizes this environment using network function virtualization (NFV), delivering CPE functionality as software running on commodity hardware. Mercury is ECI's NFV platform, encompassing infrastructure (NFVi), VNF software, and management and orchestration (MANO). It is compatible with ETSI NFV specifications to ensure carrier-grade standards. Mercury lets customers select and combine best-of-breed VNFs from a library of certified ECI or third-party VNFs. For uCPE, these may include edge routing, cyber security (such as universal threat management), session border control, WAN optimization, LAN monitoring, and deduplication caching, with more on the way.

Selected VNFs are easily provisioned, managed, and upgraded remotely onto the customers' Mercury uCPE appliances. They provide services such as internet access, voice services, L3VPN connectivity, or other value-added business services. As a managed service, Mercury uCPE is a source of new revenues for service providers, beyond connectivity. Mercury uCPE and associated VNFs supports diverse configurations. This gives the agility to deploy network functions based on individual customer needs and to optimize cost-performance.



TECHNICAL HIGHLIGHTS

Mercury Thin Appliance (uCPE application for SMB)	Up to 4 VNFs @200Mbps 4-6 LAN/WAN ports; WIFI/Wireless modem (optional)
Mercury Thick Appliance (uCPE application for enterprise)	Up to 6 VNFs@ 1Gbs 4-12 LAN/WAN ports; WIFI/Wireless modem (optional)
Mercury POP Appliance (uCPE application for multi-tenant architectures)	Up to 100 tenants @ 10Gbs each 4-12 LAN/WAN ports
NFVi	KVM-based hypervisor
WAN Connectivity Options	VDSL/VDSL2/G.fast/GPON access
Management and Orchestration	All ETSI defined components provided as bundle or separately

Contact us to find out how Mercury optimizes your uCPE deployment

ABOUT ECI

ECI is a global provider of ELASTIC network solutions to CSPs, utilities as well as data center operators. Along with its long-standing, industry-proven packet-optical transport, ECI offers a variety of SDN/NFV applications, end-to-end network management, a comprehensive cyber security solution, and a range of professional services. ECI's ELASTIC solutions ensure open, future-proof, and secure communications. With ECI, customers have the luxury of choosing a network that can be tailor-made to their needs today - while being flexible enough to evolve with the changing needs of tomorrow. For more information, visit us at www.ecitele.com

