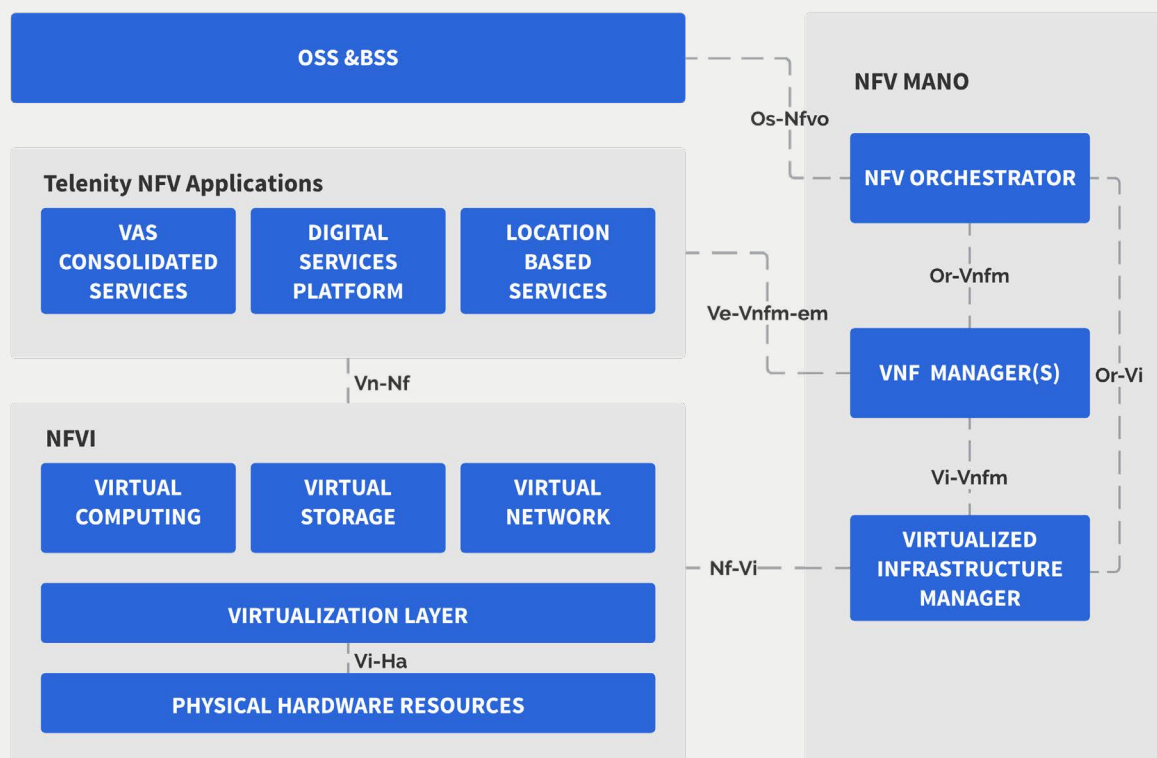# telenity

Telenity NFV

Native VAS Consolidation Platform

Mobile operators must get ready to face the business demands of the future by investing in scalable and flexible next-gen network infrastructures. Telenity VAS Consolidation Platform (VCP) is a high-performance, carrier-grade, fully converged, open voice/video and messaging platform that enables bottom-up transformation of mobile operator services, building on top of a virtualized hardware infrastructure that utilizes common off-the-shelf (COTS) components, and shared industry-standard media and signaling servers, eliminating dependencies on specialized network appliances. The fully virtualized Telenity VAS Consolidation Platform promotes

▶ Faster time to market

▶ On demand scalability/de-scalability

▶ Improved OPEX and CAPEX

▶ Simplified integration and optimized daily operations

▶ Configuration driven integration of Operations and Maintenance functions

Architecture

OSS &BSS

NFV MANO

Telenity NFV Applications

| VAS CONSOLIDATED SERVICES | DIGITAL SERVICES PLATFORM | LOCATION BASED SERVICES |

Os-Nfvo

NFV ORCHESTRATOR

Ve-Vnfm-em

Or-Vnfm

Vn-Nf

NFVI

| VIRTUAL COMPUTING | VIRTUAL STORAGE | VIRTUAL NETWORK |

VIRTUALIZATION LAYER

Vi-Ha

PHYSICAL HARDWARE RESOURCES

VNF MANAGER(S)

Or-Vi

Vi-Vnfm

Nf-Vi

VIRTUALIZED INFRASTRUCTURE MANAGER

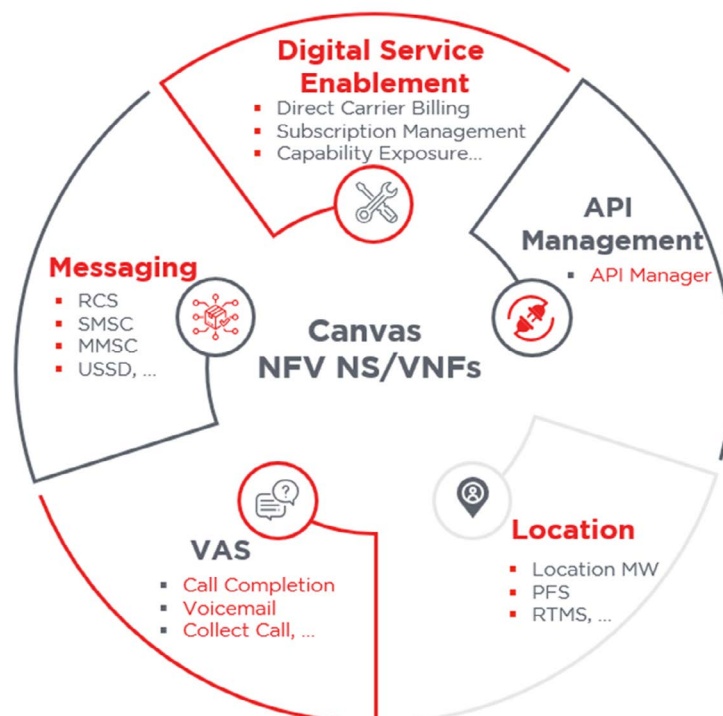# NFV applications provided by Telenity:

Consolidated Messaging NS/VNFs: 3GPP compliant next generation, IP-based, high performance and consolidated messaging solutions.

Consolidated VAS NS/VNFs: Network agnostic, converged voice/video and intelligent call services

Digital Service Enablement NS/VNFs: Next generation digital services platform to manage and monetize the digital services and contents served on top of the operator network

Location Based Services NS/VNFs: Location enablement for third party applications, positioning solutions for consumers and asset & employee tracking solutions for enterprises

NFV Director: VNF Manager for Telenity Network Services (NS) and Virtual Network Functions (VNF) Functions

Designed with unlimited performance, scalability, and flexibility in mind, the Telenity
VAS Consolidation Platform is in full accordance with the guidelines of NFV Industry
Specification Group (ISG) of ETSI. It builds upon an entirely virtualized hardware
infrastructure featuring common off-the-shelf (COTS) servers based on new generation Intel Xeon Scalable Processors

About Telenity

Telenity is an industry-leading provider of state-of-the-art services and solutions for communications service providers around the globe. We help our customers harness the power of their network with our NFV-enabled, 5G-ready VAS Consolidation Platform and Digital Services Platform, both of which comprise modular products and services that can be tailored to the needs and demands of the operators. Our Digital Services Business Line connects the digital service providers and the operators, creating new streams of revenue for both and enriching the digital experience of the subscribers. It provides unparalleled flexibility in terms of the business models it offers, including revenue sharing, SaaS and managed services. Through our customers' networks, our products and services enhance the lives of over one billion people worldwide.

telenity

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