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Certified cloud-native network functions for OpenShift

Containerized network architecture components designed, implemented, and supported with Red Hat OpenShift.


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5G Common Core
by ZTE

ZTE 5G Common Core is the convergent cloud native 5G Core solution in the industry, which supports 2G/3G/4G/5G NSA/5G SA/Fixed access simultaneously and help the carriers smoothly migrate to SA 5G.


Vendor validated



5G Core with Network Slice Manager and 5GLAN, TSN support functions
by Cumucore

5G Core network functions for Non Public Mobile Networks with Network Slice Management Service, 5GLAN and Time Sensitive Network (TSN) component with application functions for integration with fixed...


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A10 Thunder Container ACOS 5
by A10 Networks

A10 Networks Thunder Containers is a cloud-native, light-weight set of container-based solutions for secure application services


Vendor validated



Affirmed UnityCloud 5G Core
by Affirmed Networks

Affirmed UnityCloud™ is a cloud-native solution built on an open, web-scale architecture that enables mobile operators to build an innovative 5GC network while reducing the operating cost...


Vendor validated



AirHop eSON and eSON360
by AirHop

AirHop's eSON and eSON360 are state-of-the-art network intelligence solutions. They deliver Radio Access Network (RAN) automation and performance optimization for coverage and capacity, network...


Vendor validated



Alepo Converged Core Solution
by Alepo

Alepo's Converged Core solution comprises cloud-native 3GPP standards-compliant 5G+4G core network functions (NFs). These NFs are responsible for implementing subscription services, providing secured...


Vendor validated



AltioStar Open vRAN Software Suite
by AltioStar

AltioStar provides 4G and 5G open virtualized RAN (Open vRAN) software that supports open interfaces and virtualizes the radio access baseband functions to build a disaggregated multi-vendor...


Vendor validated



AltioStar Access Controller
by Nokia

AltioStar offers a complete suite of Management and Control functions required to operate a broadband network. It's open and programmable architecture addresses needs of both today and tomorrow.


Vendor validated



Aurora AirBand™ RAN
by Baicells

Baicells provides an end-to-end product line that covers mobile devices, software, applications, Multi-RAN's indoor/outdoor smallcells, CPEs, routers, cloud-core networks, network management and...


Vendor validated



Avesha Smart Application Load Balancer
by Avesha

Avesha Smart Application Load Balancer enriches service to service communication across clusters spanning network domains. The load balancer takes defined objectives as inputs, monitors them...


Vendor validated



BIG-IP Service Proxy for Kubernetes (BIG-IP SPK)
by FS Networks

BIG-IP SPK gives multi-protocol ingress/egress signaling control, security, and visibility for cloud-native 5G, supporting the transition from 4G.

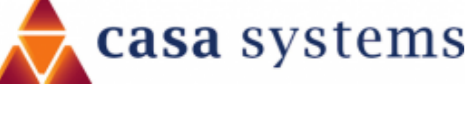
Vendor validated



BkS400 Video cache Server
by Broadpeak

Broadpeak's BkS400 video cache servers offer massive streaming capacity over open internet networks. The high-performance platform supports standard http adaptive streaming for both live and on-demand...


Vendor validated



Casa Axyom™ 5G Multi Access Core
by Casa Systems

Casa Systems is pioneering advanced ultra-broadband 5G solutions for mobile, fixed, wireline and converged service providers. Casa's suite of web-scale, high performance core and access solutions...


Vendor validated



cSRX Container Firewall
by Juniper Networks

The Juniper cSRX Container Firewall protects your container applications, workloads and environments with advanced security services, including content security, intrusion prevention system (IPS)...


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Cloud Mobile Gateway (CMG)
by Nokia

The Nokia Cloud Mobile Gateway performs gateway and related functions within the packet core. It is built to help you address the growth of enhanced broadband and deliver new Internet of Things (IoT)...


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Cloud Mobility Manager (CMM)
by Nokia

The Nokia Cloud Mobility Manager (CMM) is a control plane function in 3GPP networks that provides the Access and Mobility Management function (AMF) in 5G networks, the Mobility Management Entity (MME)...


Vendor validated



Exium Secure 5G Core
by Exium

Exium's 5G network service is built on an open, programmable, reliable, and software-driven Intelligent Cybersecurity Mesh™ that enables secure and private end-to-end connectivity and provides the...


Vendor validated



FortiWeb: Web Application Firewall (WAF) & API Protection
by Fortinet

FortiWeb, Fortinet's Web Application Firewall, protects your business-critical web applications from attacks that target known and unknown vulnerabilities. The attack surface of your web applications...


Vendor validated



Fully containerized cloud-native IMS core (VoLTE/VoNR)
by ng-voice

Fully containerized, cloud-native IMS core – microservices-based, with small container sizes (<25 MB) and a minimal resource footprint. Scalable and flexible, it allows MNOs, MVNOs and suppliers of...


Vendor validated



HPE 5G Authentication Server Function (HPE 5G AUSF)
by Hewlett Packard Enterprise

HPE 5G Authentication Server Function is a cloud native network function. It manages 5G User Equipment (UE) authentication, as per 3GPP standards.


Vendor validated



HPE 5G Core Charging Function
by Hewlett Packard Enterprise

HPE 5G Core Charging Function (CHF) is 5G SA core network function, supporting 3GPP Converged Charging System functionality. CHF supports online and offline charging feature for multiple services...


Vendor validated



HPE 5G Core Policy Control Function
by Hewlett Packard Enterprise

HPE PCF is a Carrier grade software solution used to implement convergent policy management and real-time policy decision solutions for the network service providers across the BSS/OSS domain, core...


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HPE 5G Unified Data Management (HPE 5G UDM)
by Hewlett Packard Enterprise

HPE 5G Unified Data Management is a cloud native network function, and it controls network user data in a centralized manner, as per 3GPP standards.


Vendor validated



HPE 5G Unified Data Repository (HPE 5G UDR)
by Hewlett Packard Enterprise

HPE Unified Data Repository (UDR) provides structured data storage service that can be exposed to a 5G Network Function, as per 3GPP standards.


Vendor validated



HPE 5G Unstructured Data Storage Function (HPE 5G UDSF)
by Hewlett Packard Enterprise

HPE Unstructured Data Storage Function (UDSF) provides service for the storage and retrieval of unstructured data for a 5G Core Network Functions, as per 3GPP Standards.


Vendor validated



Juniper Junos cRPD (Containerized Routing Protocol Daemon)
by Juniper Networks

The Junos cRPD supports a high-performance, scalable, resilient, control plane stack for both off-box use cases such as routing at the host as well as on-box use cases with SONIC-enabled network...


Vendor validated



Juniper Paragon Active Assurance – Containerized Test Agent
by Juniper

Containerized Test Agents actively generate authentic traffic and analyze detailed, real-time measurements across multiple applications, services, and interfaces. Test Agent capabilities include...


Vendor validated



Juniper RAN Intelligent Controller (RIC)
by Juniper

A RAN Intelligent Controller (RIC) is a software-defined component of the Open Radio Access Network (Open RAN) architecture that's responsible for controlling and optimizing RAN functions.


Vendor validated



Juniper Session Smart SD-WAN
by Juniper Networks

The Juniper Session Smart SD-WAN fuels an advanced, service-centric networking solution that takes software-defined routing to a new level. Ideal for today's digital businesses, the Session Smart...


Vendor validated



LoadCore
by Keysight

LoadCore enables users to simulate behavior of millions of UEs in 5G deployments by performing service quality validation with subscriber modeling and multiplex traffic generation, and by validating...


Vendor validated



Mavenir 5G Core
by Mavenir

The Mavenir 5G Core not only delivers best-in-class services but also provides cost and operational efficiencies while offering the highest levels of flexibility, service velocity, scalability...


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Mavenir 5G RAN CU CNF
by Mavenir

Mavenir 5G RAN – Control Unit (CU) is part of the Mavenir 5G OpenRAN solution. CU is composed of two components, CU-CP and CU-UP. CU-CP (Control Unit Control Plane) hosts RRC and the...


Vendor validated



MATRIXX Digital Commerce Platform (DCP)
by MATRIXX Software

MATRIXX Software's Digital Commerce Platform offers a cloud native, 5G-ready standards compliant Converged Charging Solution (CCS) /Online Charging System (OCS) that includes the commerce capabilities...


Vendor validated



NEC 5G Core
by NEC

A major characteristic of NEC's cloud native 5GC is multicloud compatibility. In addition to the virtualized Evolved Packet Core (vEPC) technology developed since 4G, efforts are underway to deploy...


Vendor validated



NEC 5G vRAN
by NEC

NEC's next generation vRAN software. The key characteristics of NEC's vRAN implementation are standard-based openness and flexibility.


Vendor validated



NITRO Mobility Platform
by VIAVI

A portable platform layer for End-to-End applications delivering unique visibility to Service Providers, NEMs and Enterprises. With orchestration and workflows enabled through Machine Learning and AI...


Vendor validated



Nokia Converged Charging
by Nokia

Nokia's Converged Charging is designed to successfully monetize every opportunity of the 5G economy. It combines the flexibility, agility and scalability of the cloud, with the demanding technical...


Vendor validated



Radisys Engage Media Server
by Radisys

Radisys Engage Media Server enables voice and video processing for real-time communication applications, audio and video mixing, transcoding, speech and video analytics, and other advanced media...


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Samsung 5G Core CNF
by Samsung

Samsung 5G Core CNF is fully containerized with CNCF compliant open source toolsets. They are based on stateless and provides infra architecture and micro service agnostic agile cloud native core...


Vendor validated



SD- Edge Platform
by Benu Networks

The SD-Edge Platform is a cloud-native solution that virtualizes key network functions (WAG, BNG, 5G AGF) and empowers operators to layer revenue-generating services on top of broadband connectivity.


Vendor validated



Turnium SD-WAN
by Turnium

A layer 3 overlay that distributes packets across multiple circuits and aggregates the bandwidth of those circuits.


Red Hat certified



VisionWorks Active Assurance
by Spirent

VisionWorks Active Assurance end-user experience issues. VisionWorks consists of analytics and test agents for 5G, SD-WAN, and transport networks.

Vendor validated



ZXUN i5GC
by ZTE

ZXUN i5GC is a lightweight 5G core for private 5G network in various To B scenarios, such as smart mine, port, industrial park and so on. It helps enterprise to improve efficiency and data security.

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Products & services

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- Certified cloud & service providers

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