OCP SUMMIT

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OPEN. FOR BUSINESS.

# Service Engine – Accelerating Commercialization of Open Telecom Solutions

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# CG-OpenRack-19 Achieves OCP Approval

Radisys

OPEN Compute Project + Radisys = Radisys

OCP-INSPIRED™

CG-OpenRack-19
Specification

CG-OpenRack-19
Specification

*A collaborative community focused on redesigning hardware to efficiently support the growing demands of compute infrastructure.*

*Radisys contributed the Carrier Grade Open Rack concept to OCP in the form of a Rack + Sled interop specification*

*It is real and deployed in 6 data centers with a few hundred racks*

*Released commercial product families based on this specification are available. Specs are available on the OCP marketplace (www.opencompute.org/products).*

# CG-OpenRack-19 Ecosystem

Radisys

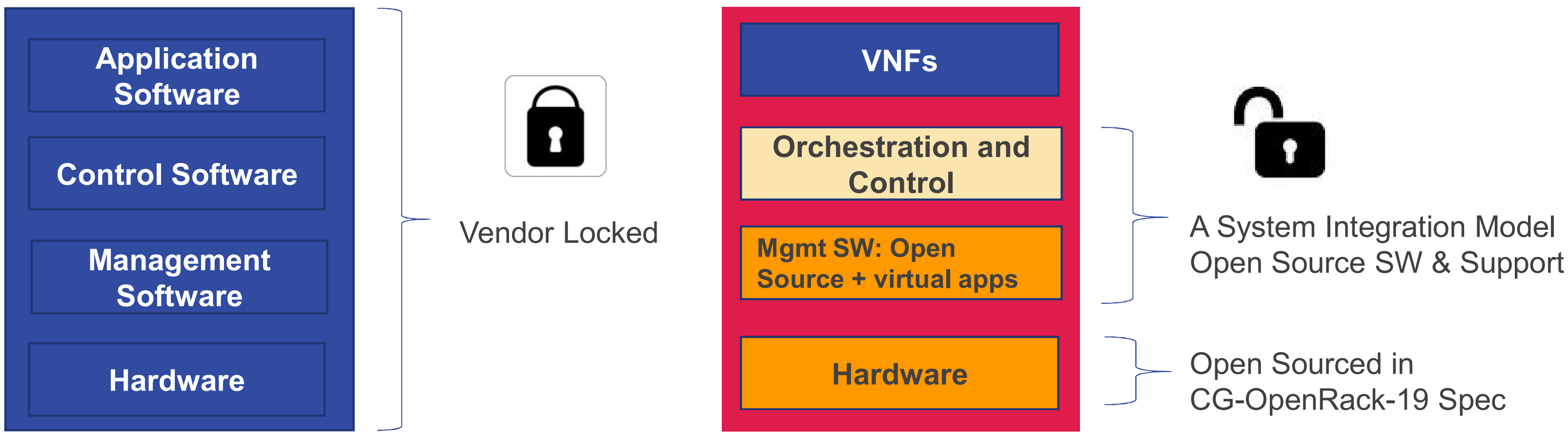
- Racks in 600mm and 800mm widths
- Depths from 1000mm to 1200mm
- Heights from 16U to 42U
- Finished in black or white
- Single-phase, 3-phase, or DC power
- Single or redundant feeds
- Any combination of half- and full-width shelves

- Sleds in half-width or full-width
- One or two dual-socket servers per sled
- Broadwell, Skylake, or ARM CPU
- LFF storage (3.5”) up to 24 SAS HDDs (288TB), SFF storage (2.5”) up to 18 SAS/SATA drives
- Added support for up to 4x full-length, full-height PCIe cards, up to 2x double-width cards
- Dataplane network of 10Gb, 40Gb, 25Gb, 100Gb

# CG-OpenRack-19

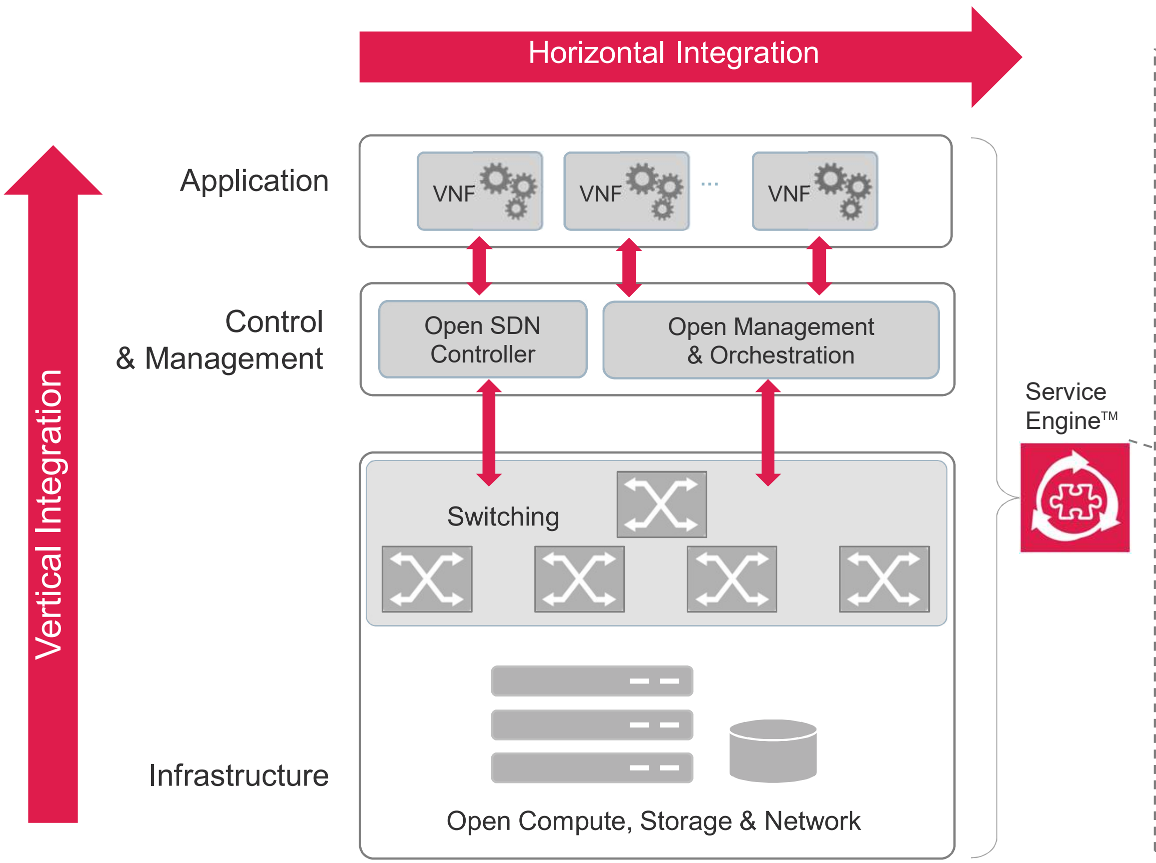
# System Integration

- Breaks Open the Black Box of Proprietary Infrastructure
- Gains Control and Choice, Lowers costs and DevOps flexibility for new features
- Makes Solutions More Efficient, Flexible and Scalable with better OPS efficiency




**TEMs Model** **DevOps Model**

# Accelerating Open Telecom Innovation




**ServiceEngine™**

Taking the Pain out of "Open" Integration

Data Center Migration Service for Open Source Platforms, Software and Reference Solutions

Open Source Software Distribution, Support and Life Cycle Management

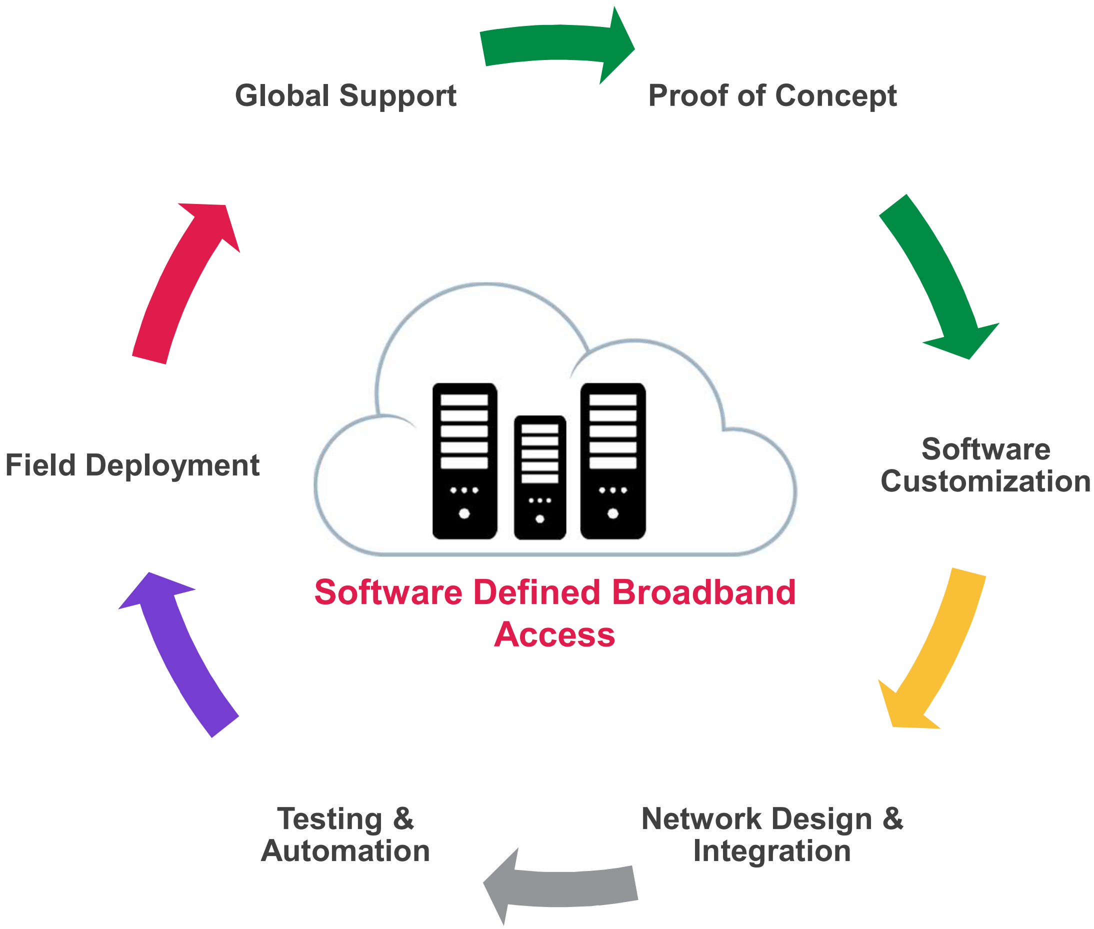
Dev Ops Enablement and Agile SW Integration, Customization, Validation and Test

Fastest Data Center turn up

Excellence in Support

# Software Defined Broadband Access Services

Radisys




- CORD System Integration Expertise
- DevOps Collaboration Model
- Multi-Vendor Integration
- Open Source Platform Hardening
- API Integration

# Thank You