



# Communication Service Providers(CSP): Make NFV a Reality

Redcell's proven service management platform lets CSPs capitalize on the reality of NFV today.

- **MANO Lifecycle Management**
- **NFV Catalogs Management**
- **VNF Management**
- **NFVI Management**
- **OSS Integration**
- **E2E Hybrid Management**

## BENEFITS

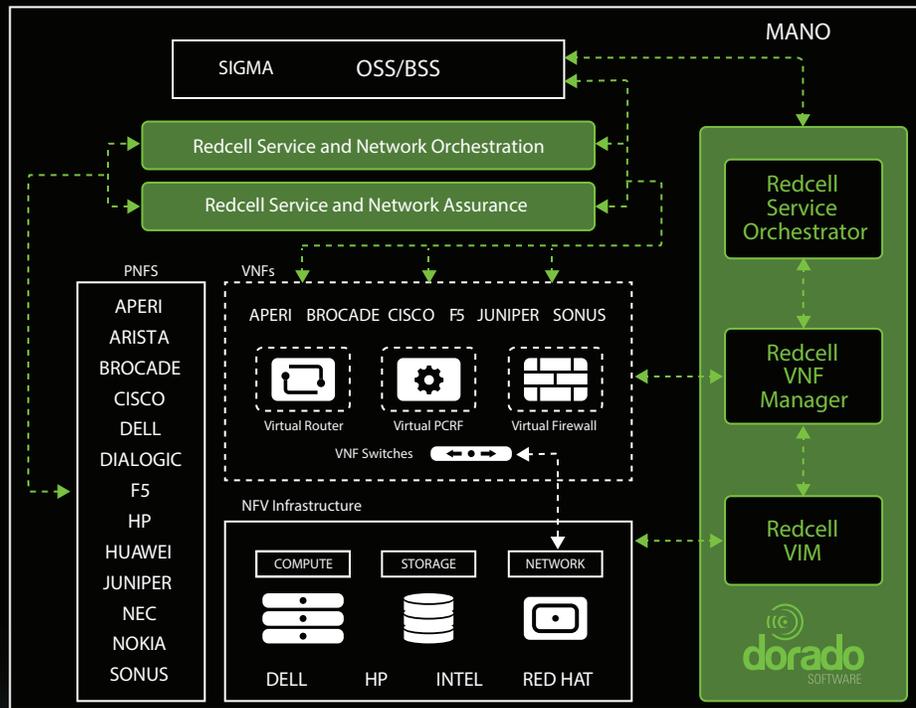
- Improve time-to-revenue on existing service offerings while creating an environment to rapidly deploy new and innovative services
- Lower operating costs with higher levels of automation while integrating service management across hybrid virtual and physical networks
- Boost customer satisfaction and improve retention with quicker time-to-service and improved quality
- Ensure network is prepared and capable for the next generation of unanticipated change and evolution

NFV offers significant benefits; however, as standards, VNFs, NFV Infrastructure, and Open Source are all in a state of rapid evolution, it's hard to decipher what is, and what isn't reality.

For instance, while comprehensive management of network functions is essential to realize the full promise of NFV, SDN and associated open source initiatives, the reality is that very few providers can offer an automated solution that can capitalize on virtualization while managing the physical infrastructure which remains integral in network service deployment.

Dorado Software can help CSPs accelerate the time-to-benefits of their virtualized cloud-based networks. Redcell offers an integrated end-to-end solution, with packaged and extensible capabilities, to orchestrate, monitor and provide closed-loop automation of both physical and virtual network functions in a multi-vendor and evolving ecosystem.

# Redcell Suite in NFV



## Redcell delivers on the reality of today's MANO Lifecycle challenges

Orchestration of network services, and their supporting VNFs, must be managed across multiple administrative and technical domains relative to the specific requirement of a CSP. Important features include NFV Catalog Management, VNF Management, and NFVI Management.

### NFV Catalogs Management

VNF and NS descriptors are the foundation for providing CSPs with an open multi-vendor ecosystem of network capabilities and the ability to automate their deployment and management.

### VNF Management

VNFs are the core building blocks of the CSP's agile service catalog, yet are an evolving concept. Tools, processes, as well as standards, are required support the virtual transition in a sustainable manner.

### NFVI Management

NFV infrastructure is rapidly evolving to meet the hosting requirement of network functions. Management systems need to be agile and comprehensive to allow CSPs to utilize the latest features.

## Redcell delivers on the reality of today's Integration and Hybrid Management challenges

### OSS Integration

The existing NFVO will need to interact with the existing OSS and optimize the top-to-bottom management of customer services.

### E2E Hybrid Management

All virtualized services are dependent on some level of physical infrastructure. Holistic end-to-end management of both virtual and physical network capabilities is a core requirement.



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