



## ***Overview Presentation***

**Operational Agility for Enterprise and Telco Networks**

# The Problem – Enterprise and Telco Networks are Complex; Available Solutions are Fragmented

## Current Enterprise and Telco Pain Points

### IDC:

- 42% time spent on maintaining legacy systems
- 5% time spent on business critical projects

### Complex Networks



Past	Present
<ul style="list-style-type: none"><li>• Physical End Points</li><li>• Not Controller Based</li><li>• Adequate for legacy application needs</li><li>• Command Line based Management</li></ul>	<ul style="list-style-type: none"><li>• Physical &amp; Virtual End Points</li><li>• Legacy &amp; Controller Based</li><li>• Need to adapt rapidly to workloads</li><li>• Programmability &amp; Service abstractions / API-based management</li></ul>



### Fragmented Solutions

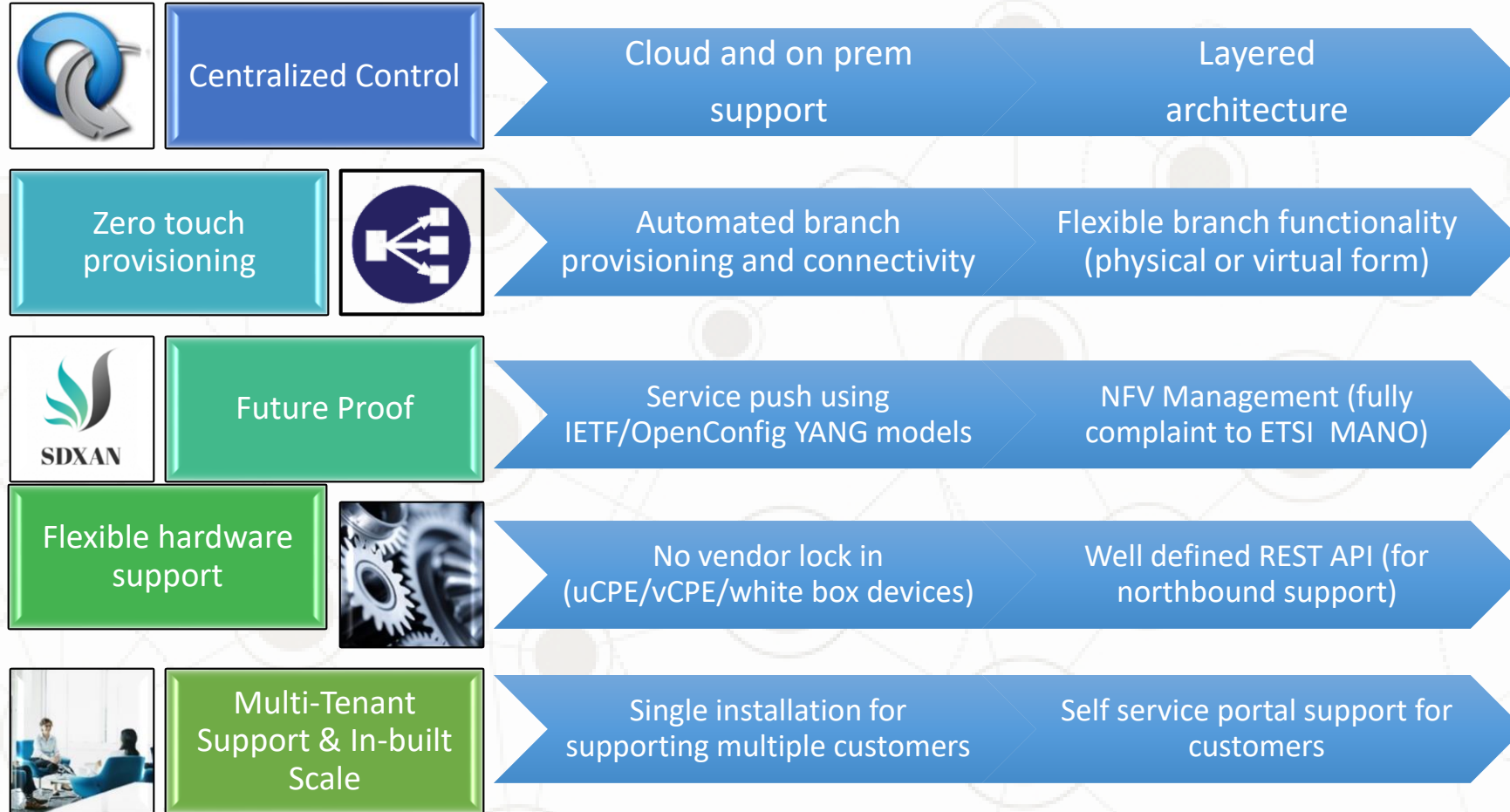
### Enterprise Pain Points

- No intent Driven Configuration
- No coherent IT Operations
- No Network Service/Config Automation
- Complex branch Connectivity
- Silos of network Management
- No easier Cloud migration

### Telco/SP Pain Points

- Rapid enablement of new services and technologies (MEC, 5G, RAN Management among others)
- Lack of brown-field automation for easier infrastructure service deployment
- Need for Multi-vendor mediation for service and configuration
- Problem of Orchestration support for multi-domains
- No support for NFV Multi-cloud
- No easy way of migration for managed services

# Nuviso Value Proposition – Manage & Automate Multi-Vendor Networks with Agility



5G/MEC

Edge Computing

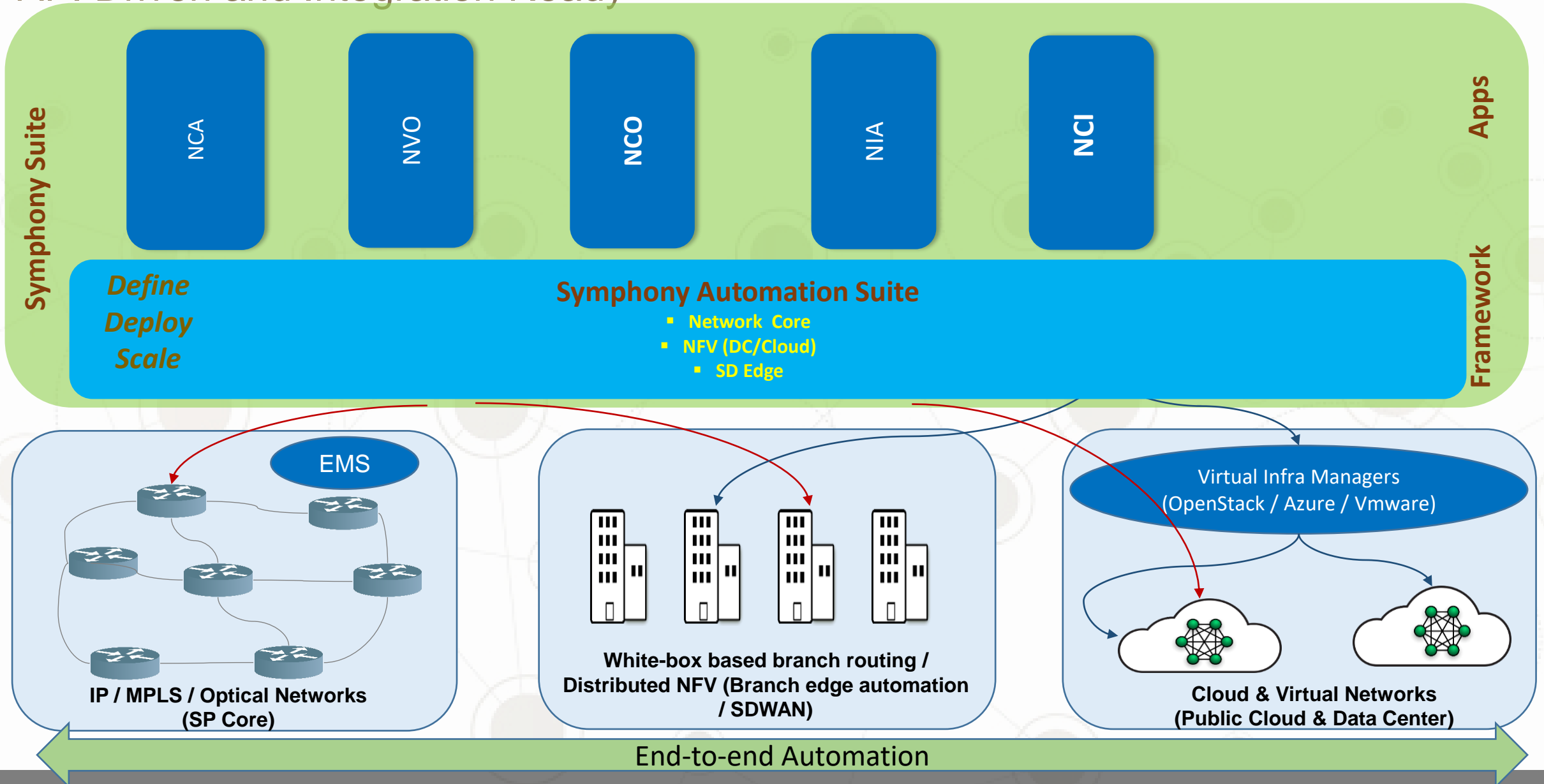
Enterprise Branch  
Connectivity

Cyber Security

DC & Cloud Orchestration

# Nuviso Products/Technology - Symphony SW Suite

## API Driven and Integration Ready



# Nuviso Product Line Details

## Nuviso Network Config Management and Assessment (NCA)

Network Discovery  
Network Inventory  
Baseline of the Network Topology  
Network Configuration Collection  
Centralized Network and Configuration Management

## Nuviso Symphony Concerto (NCO)

Provide Self Service portal on top of existing SDWAN vendors (like Cisco, VMWare, etc.)  
Provide the Controller functionality for any CPE (even for some of the existing branch CPEs)

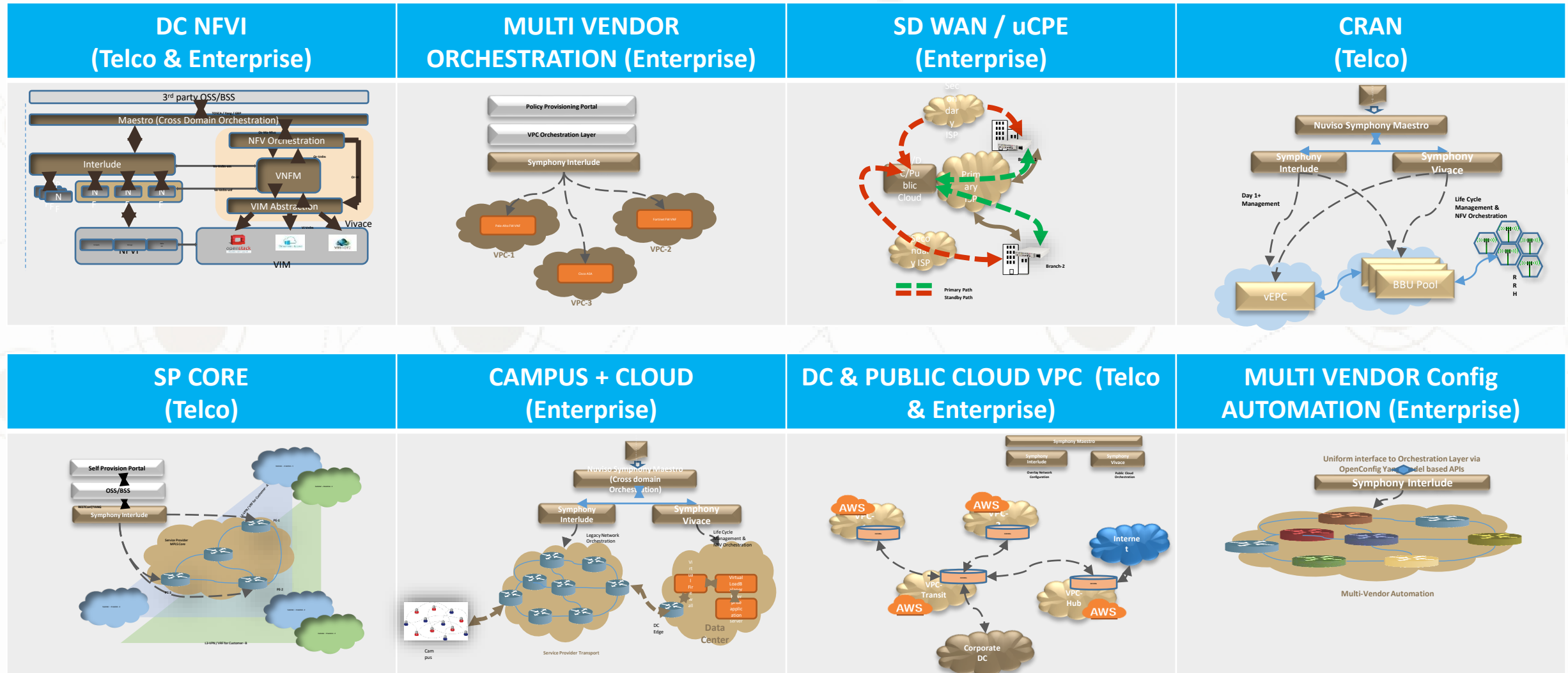
## Nuviso Symphony Interlude Automation suite (NIA)

Network Service Creation and Deployment  
Providing programmability for existing networks (Brown Field Automation)  
Multi-vendor open networking service models  
Automated Day 1 Service Configuration

## Nuviso Symphony Vivace Orchestration suite (NVO) & Vivace Cloud App Installer (NCI)

Provide easy way of onboarding multi-vendor VNFs  
Provide Vendor agnostic VNF Manager for life cycle management of VNFs, and multi-cloud support  
Provide drag and drop UI for creating and deployment of service chains

# Some Use Cases addressed by the Symphony Suite



# Nuviso Technology Advantage

## Nuviso SW Capabilities

Any legacy or virtual network

Any Environment

Open Network Services models

Deploy In Minutes

Micro Services Framework

Auto scale,  
Policy driven

Software Defined & Programmable

Migration portability

Simple Consumption Models

Yearly Subscription  
Models

## Customer Benefits

Choice of Vendor

Agility in Service Creation

Rapid service deployment

Scale across multiple domains

Faster time to market and money

Higher  
Services

Lower  
Costs





**NUVISO**