



Creating Infinite  
Possibilities.

# Converged Service Orchestration - Dynamic Cable Speed Boost

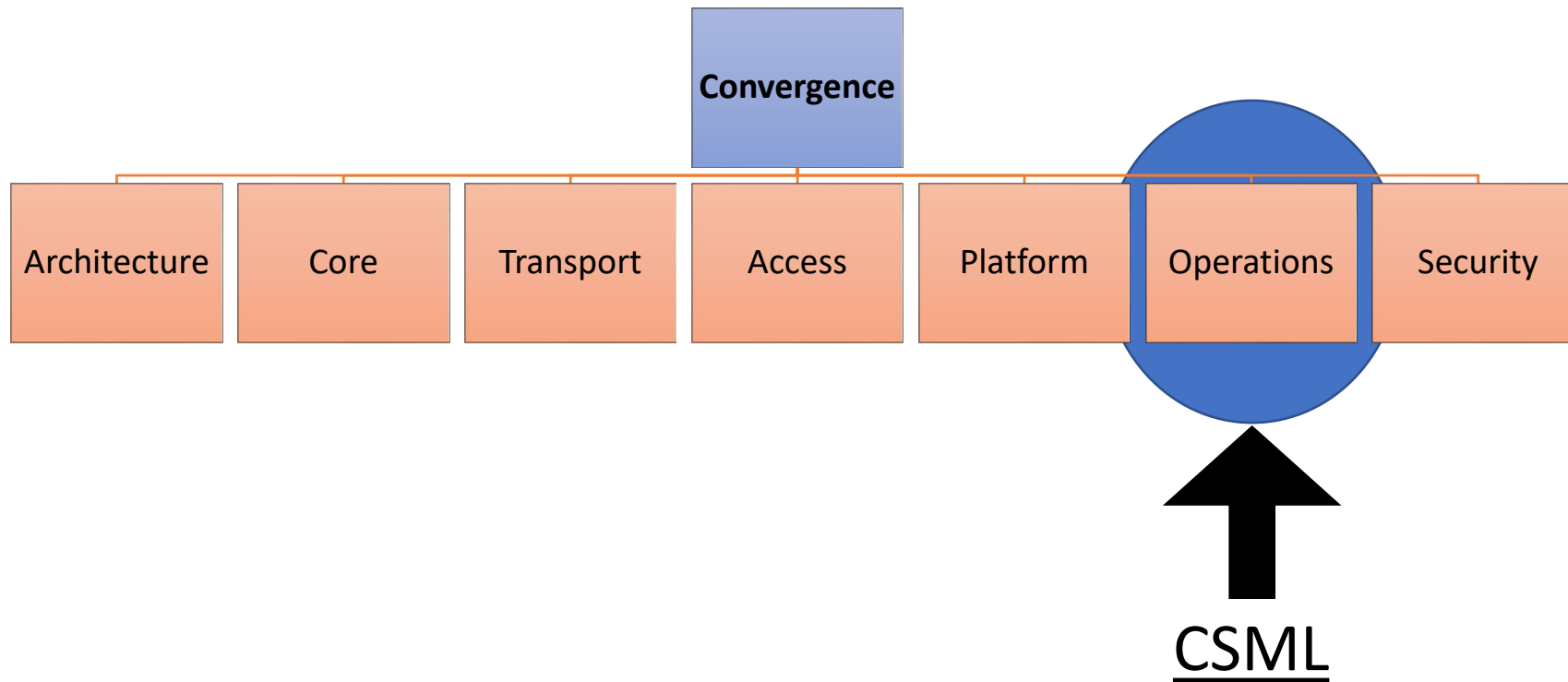
Rahil Gandotra

Sr. Software Architect  
CableLabs

## Agenda

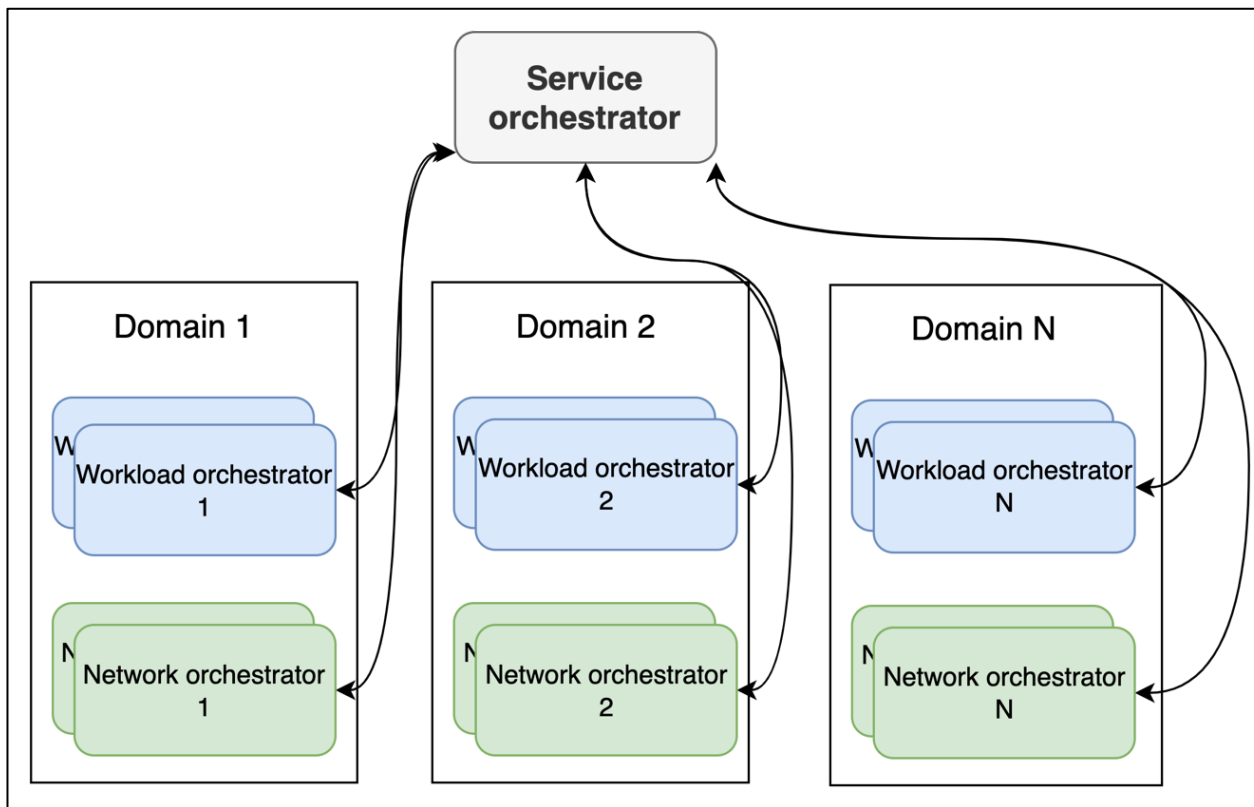
1. Introduction – What is service orchestration?
2. CSML – Architecture
3. Use case 1 – Virtual service orchestration
4. Use case 2 – Hybrid service orchestration
5. Next steps

## Different aspects of Convergence

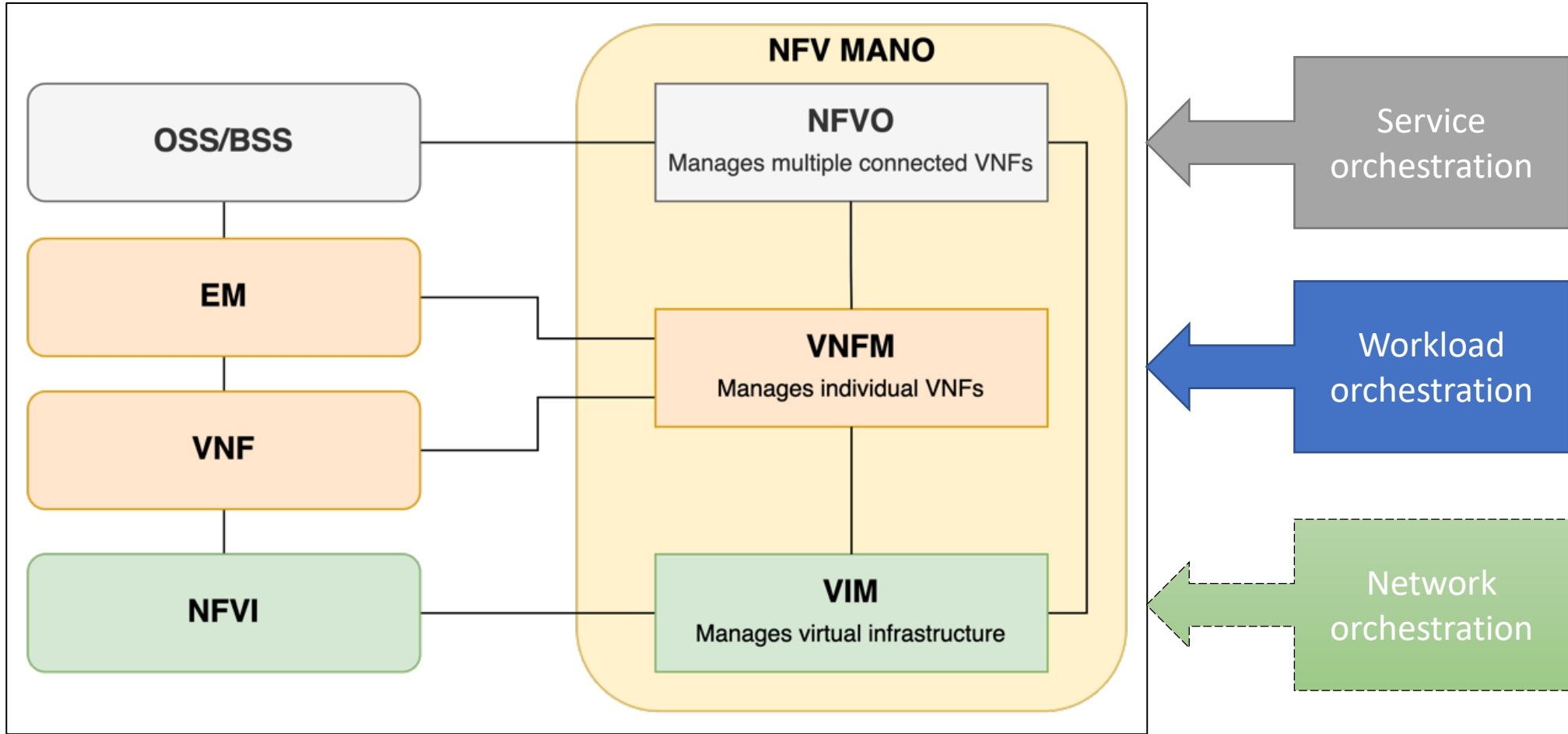


## Service Orchestration

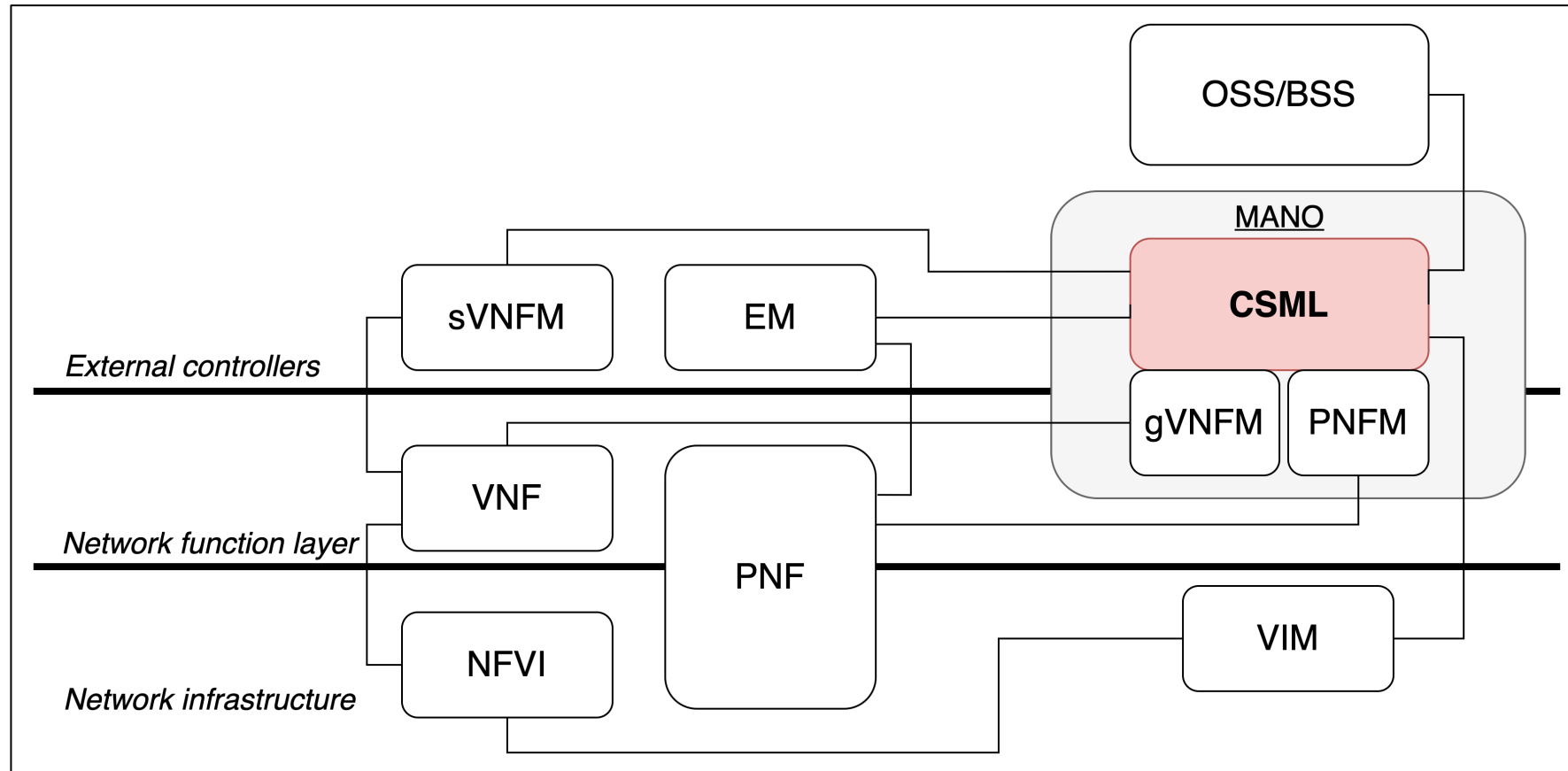
### vs Workload Orchestration & Network Orchestration



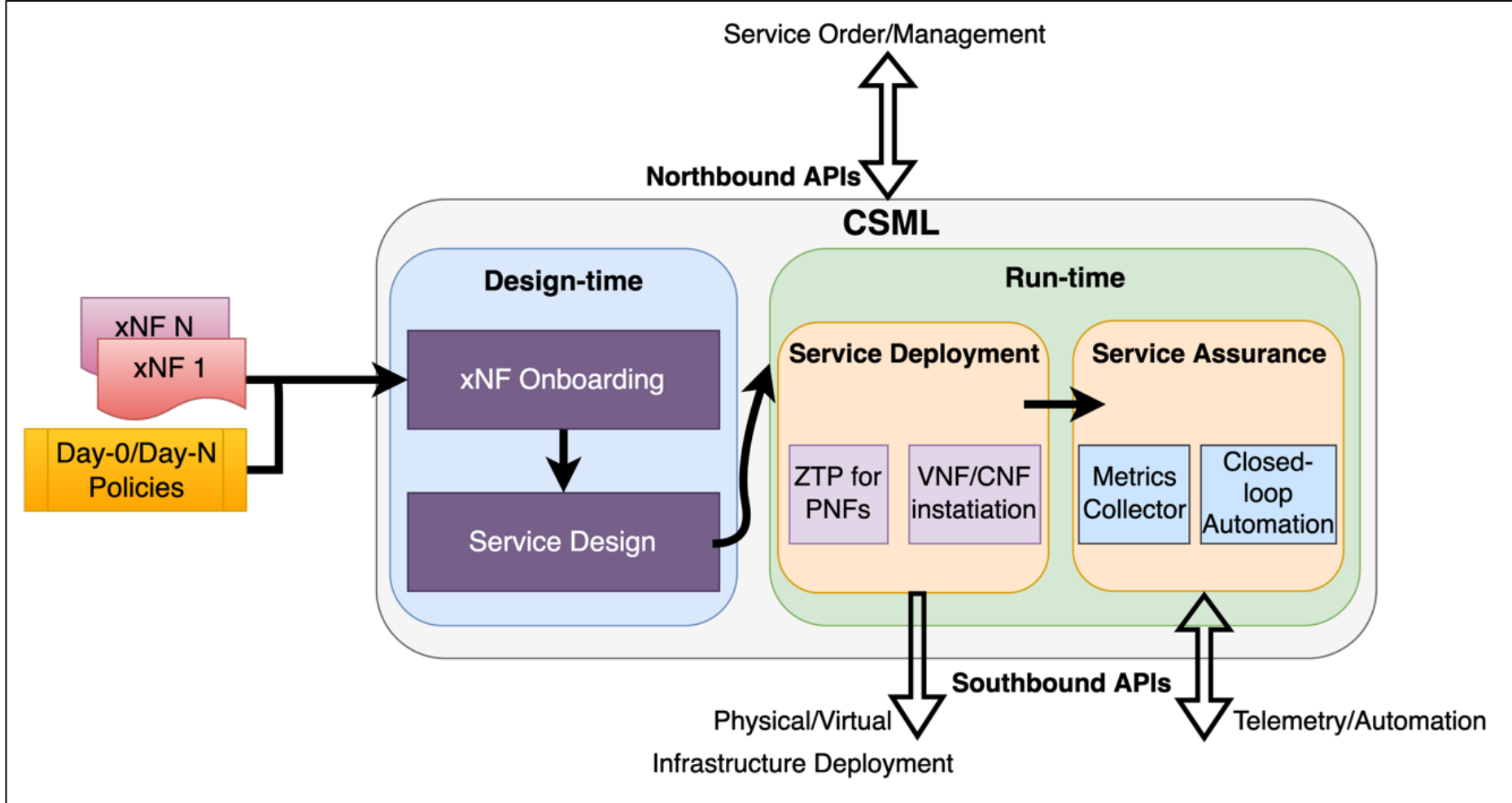
## NFV MANO Framework



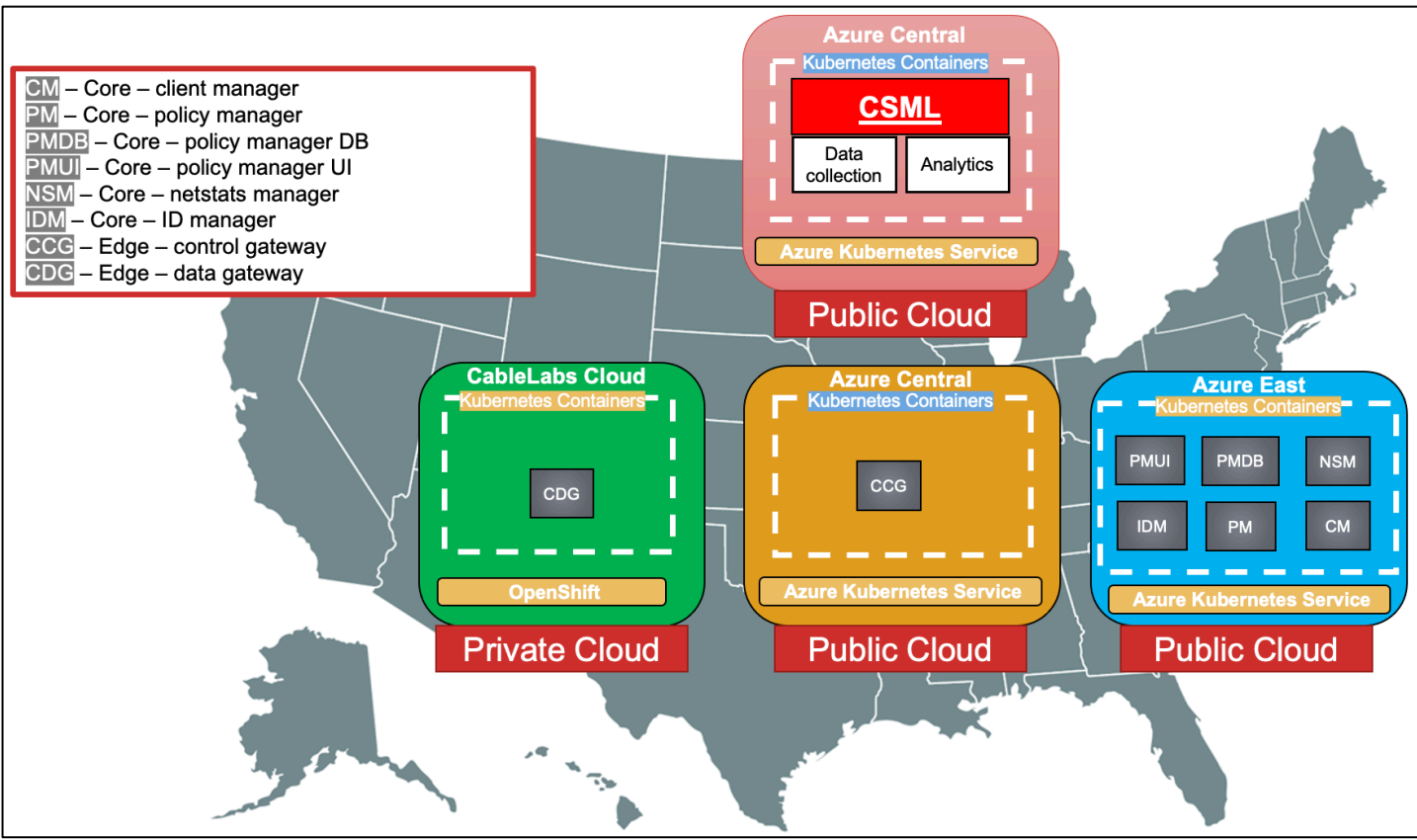
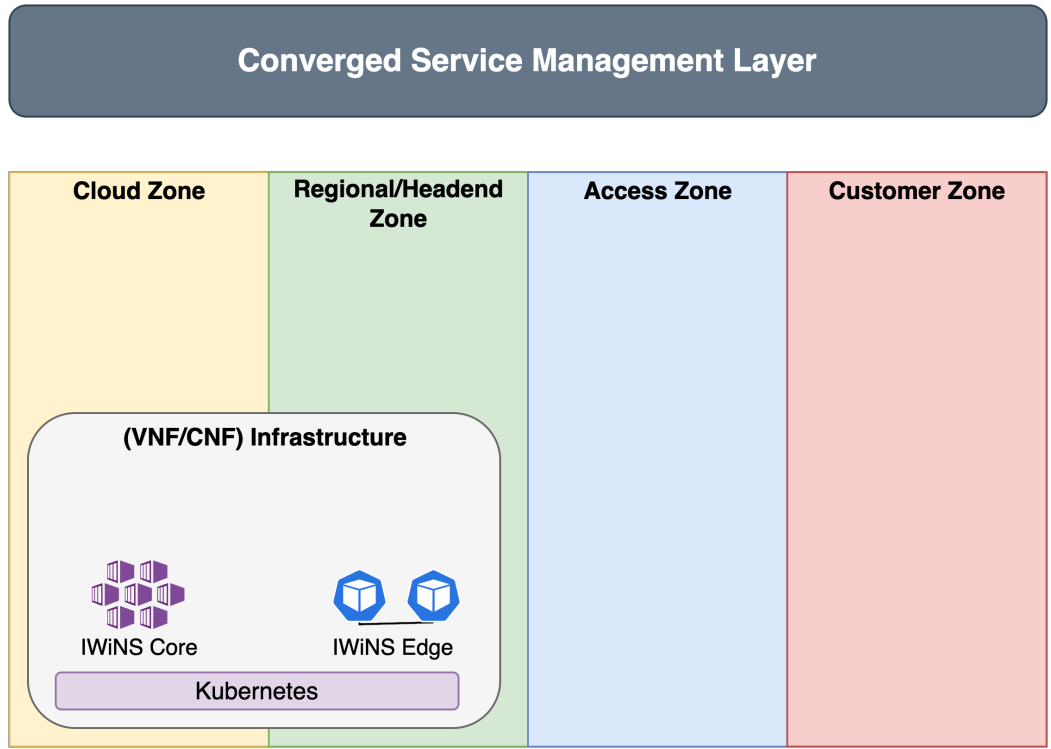
## Enhanced MANO - CSML



## CSML high-level architecture

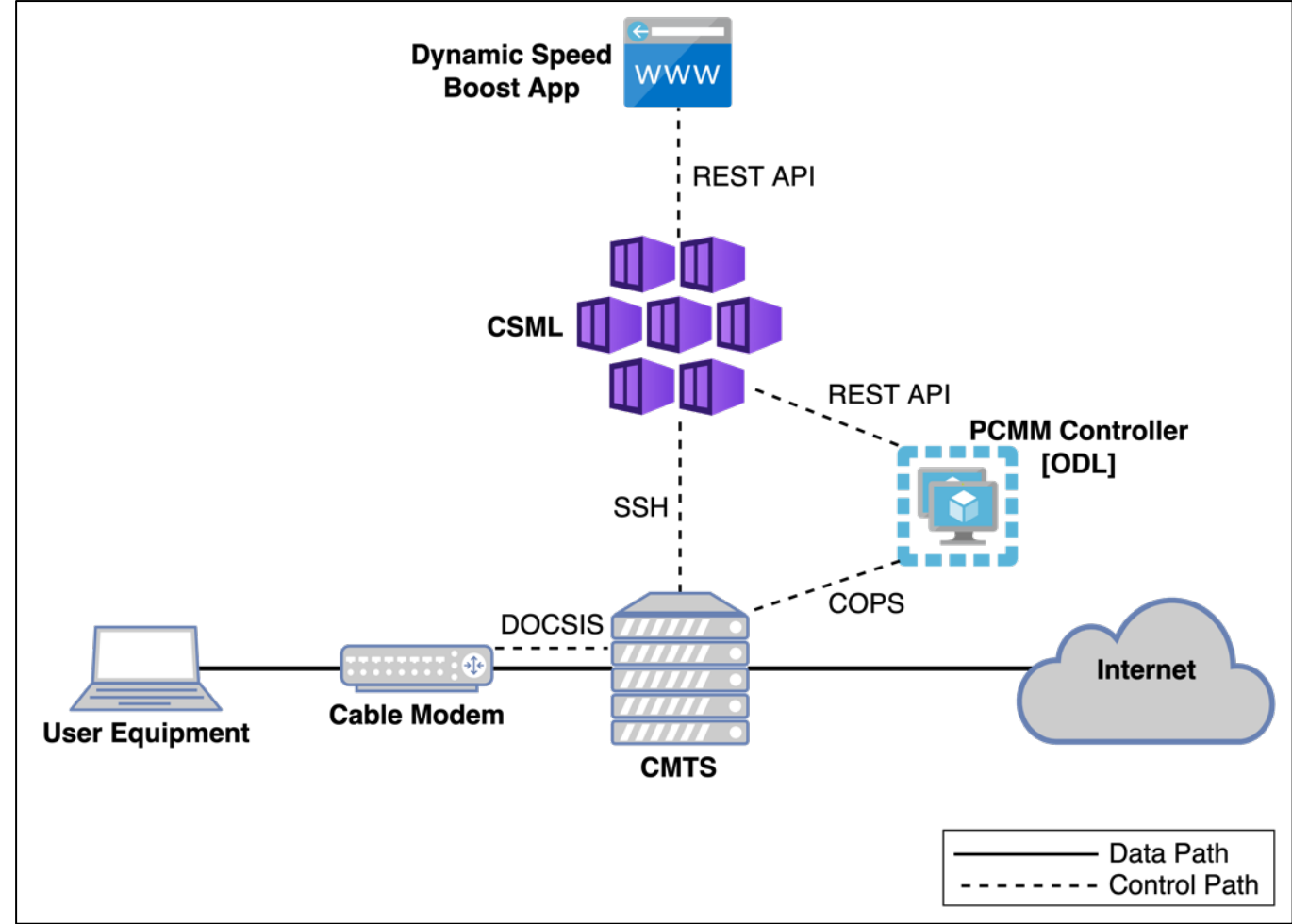
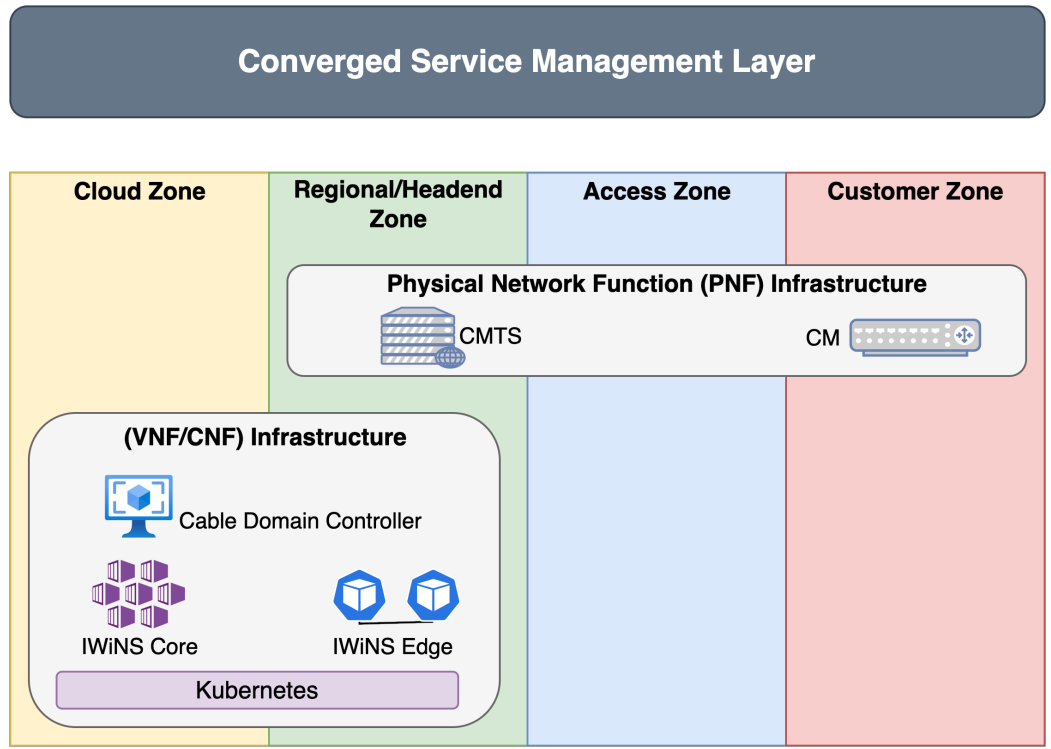


## CSML – First use case – Multi-cloud orchestration

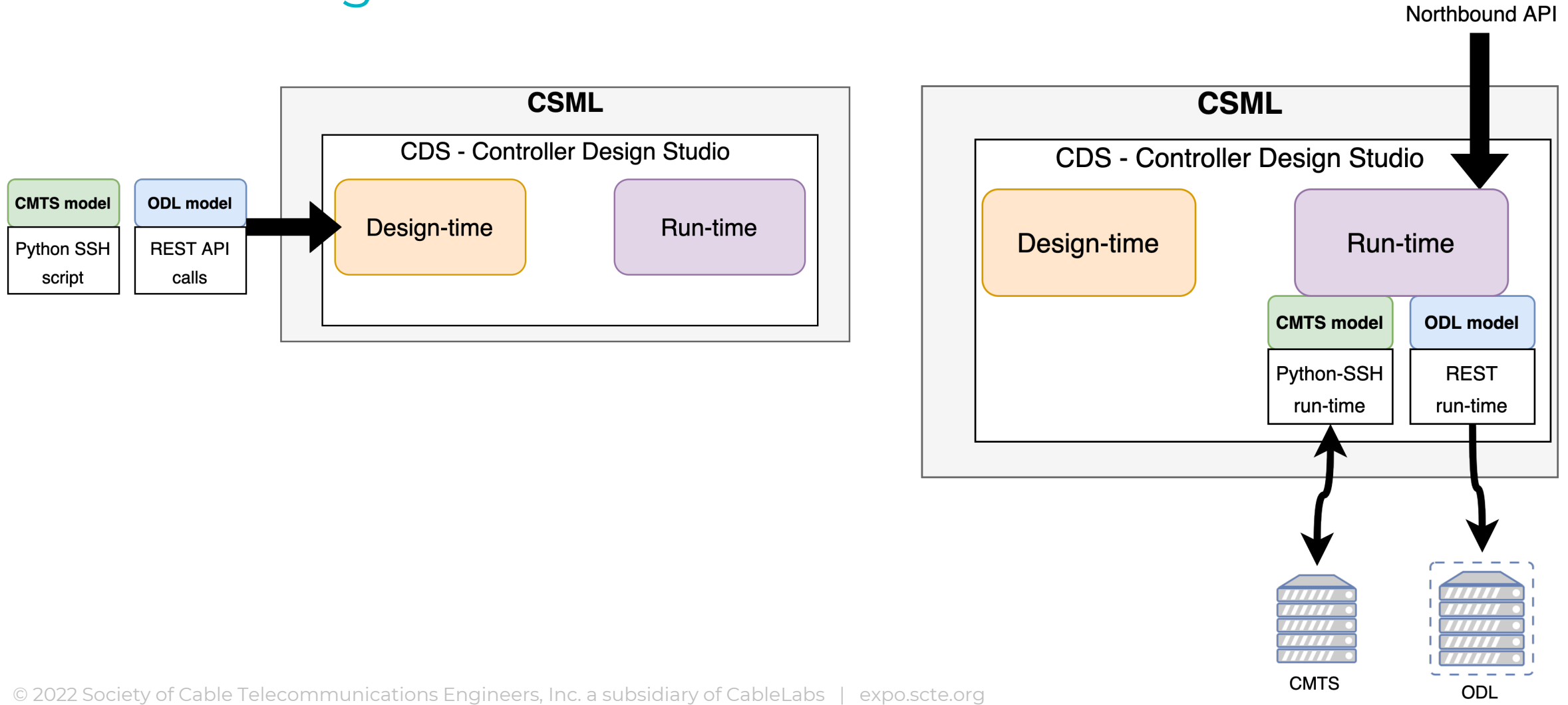




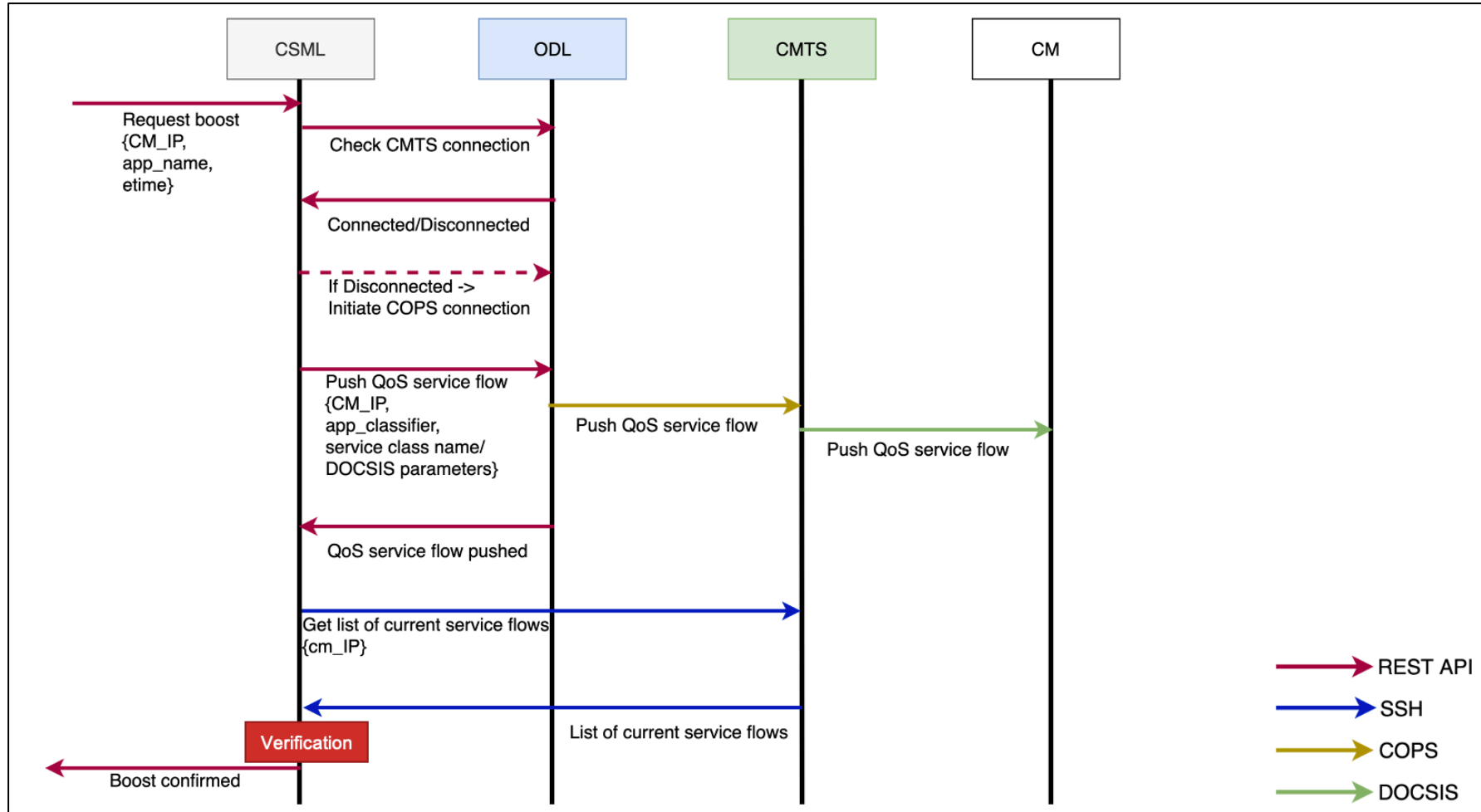
## CSML – Second use case – Dynamic cable speed boost



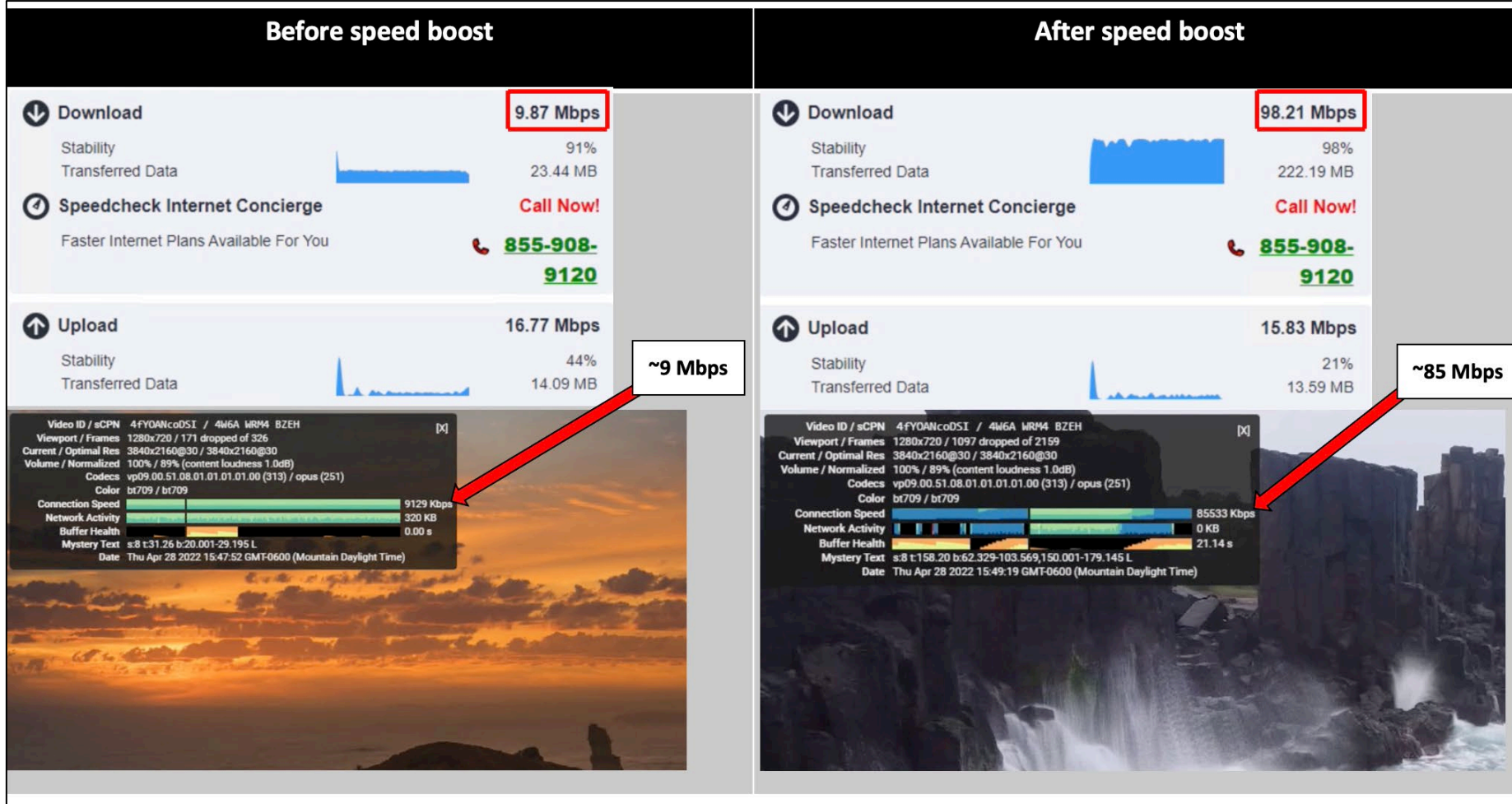
## CSML – Design-time and Run-time



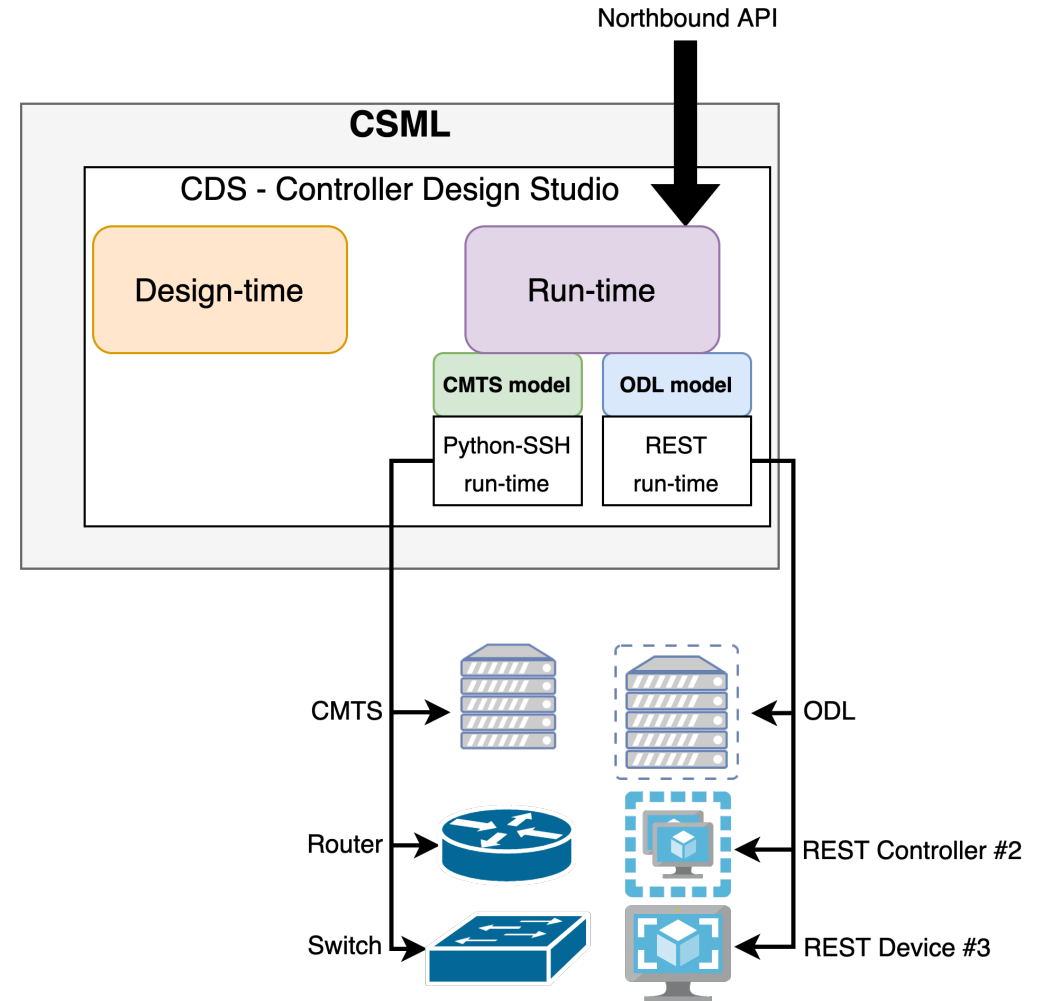
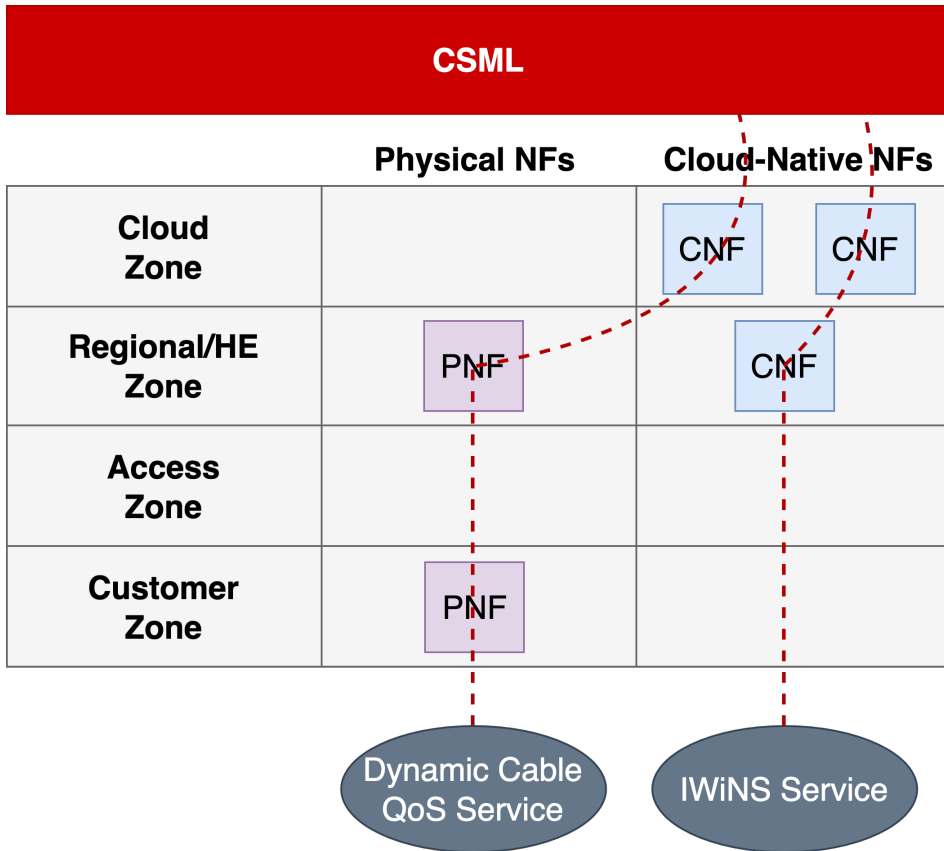
## CSML – Interactions



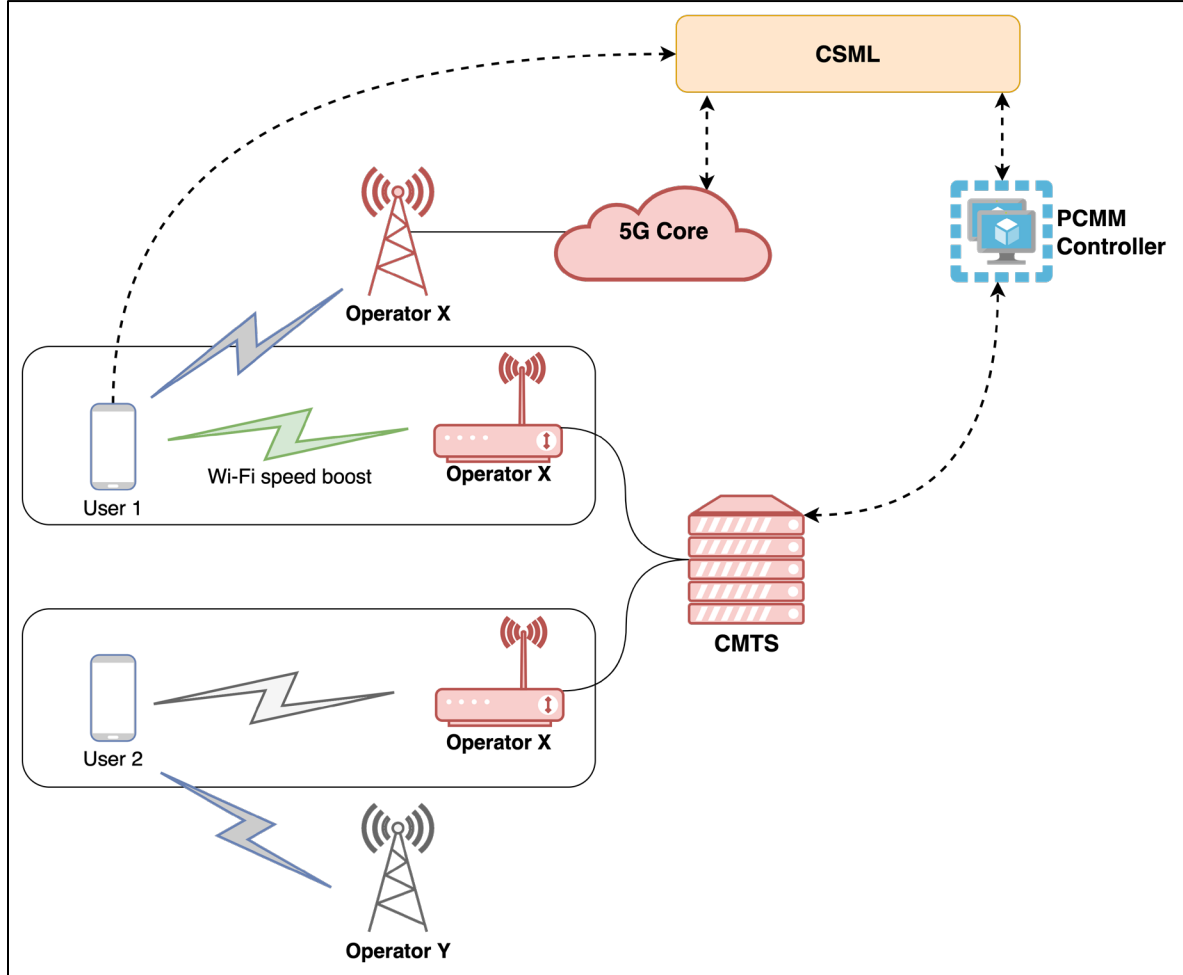
## Demo results



## CSML – Value of orchestration



## CSML – Next steps – Wi-Fi Speed Boost



1. Identifying customer devices that are subscribed to both cable and mobile services from the same operator.
2. Boosting their Wi-Fi bandwidth to offer more value and help differentiating from other operators.



# Creating Infinite Possibilities.

## Thank You!

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