



# Flexibility offered by Network and Application Platform Slicing



Create infrastructure “Green Field”  
opportunities

Create additional supplier options while  
lessening fears of vendor lock-in

Options to consider prior to broad  
deployment of 5G

Summary



Create infrastructure “Green Field”  
opportunities





## “Green Field”

A network or portion of  
a network with  
minimized legacy  
network functions and  
subscribers



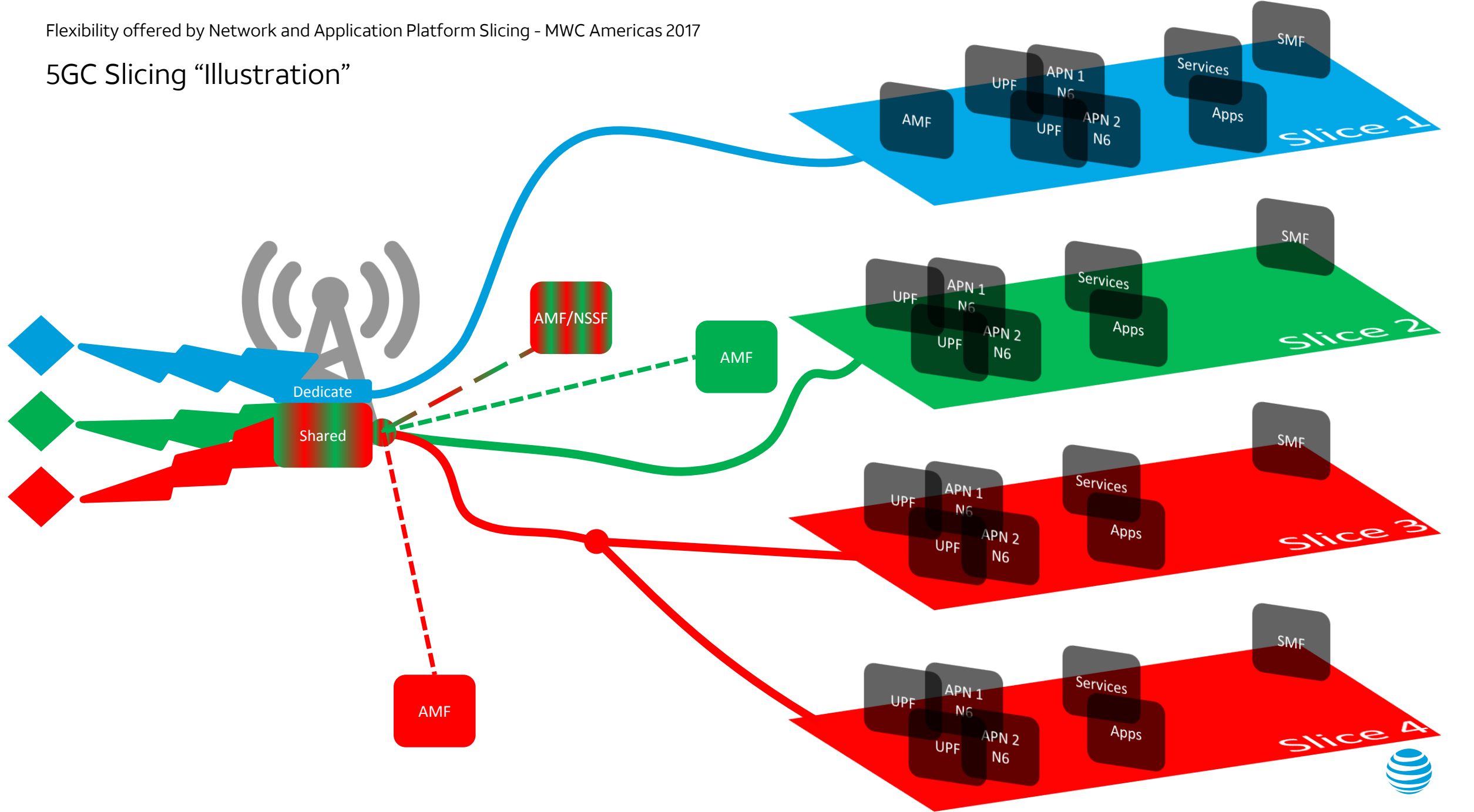
## Options to Explore

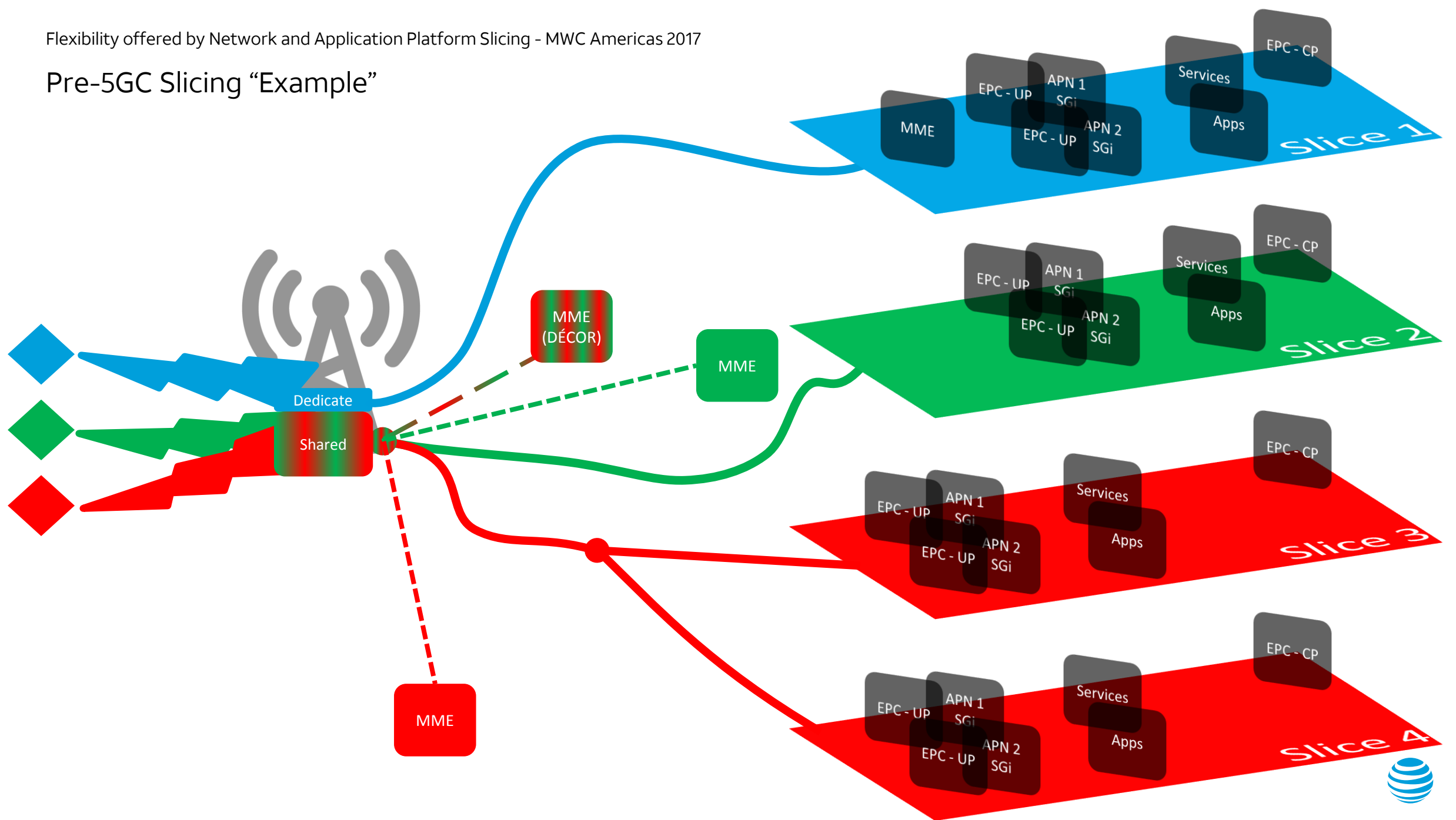
Introduce NFV based Network Functions

Introduce Virtual Network Function and SDN  
Integration

Create Use Case Optimized Network Designs

5GC Slicing “Illustration”





Create additional supplier options while  
lessening fears of vendor lock-in





## Supplier Options

Use Slicing to minimize multi-supplier integration

Use Slicing to try out new suppliers

Use Slicing to introduce new Application and Services



## Slicing with CUPS

# Use Slicing with CUPS

- Use Slicing with CUPS to minimize BSS integration
- Use Slicing with CUPS to support multiple User Plane Options with the same Control Plane
- Use Slicing with CUPS to optimize for latency, cost, privacy, and availability



Options to consider prior to broad  
deployment of 5G



## Pre-5G Slicing Ideas to Explore

MOCN (Multi-Operator Core Network)

DECOR (Dedicated Core)

APN

Pre-5G Slice Selection Function Products

SCEF



# Summary





## Summary

Slicing will support more flexibility and offer new opportunities

Slicing will lower the barriers of adding to the ecosystem

Slicing includes the network, network functions and applications

There is no need to wait for 5G's Network Slicing

