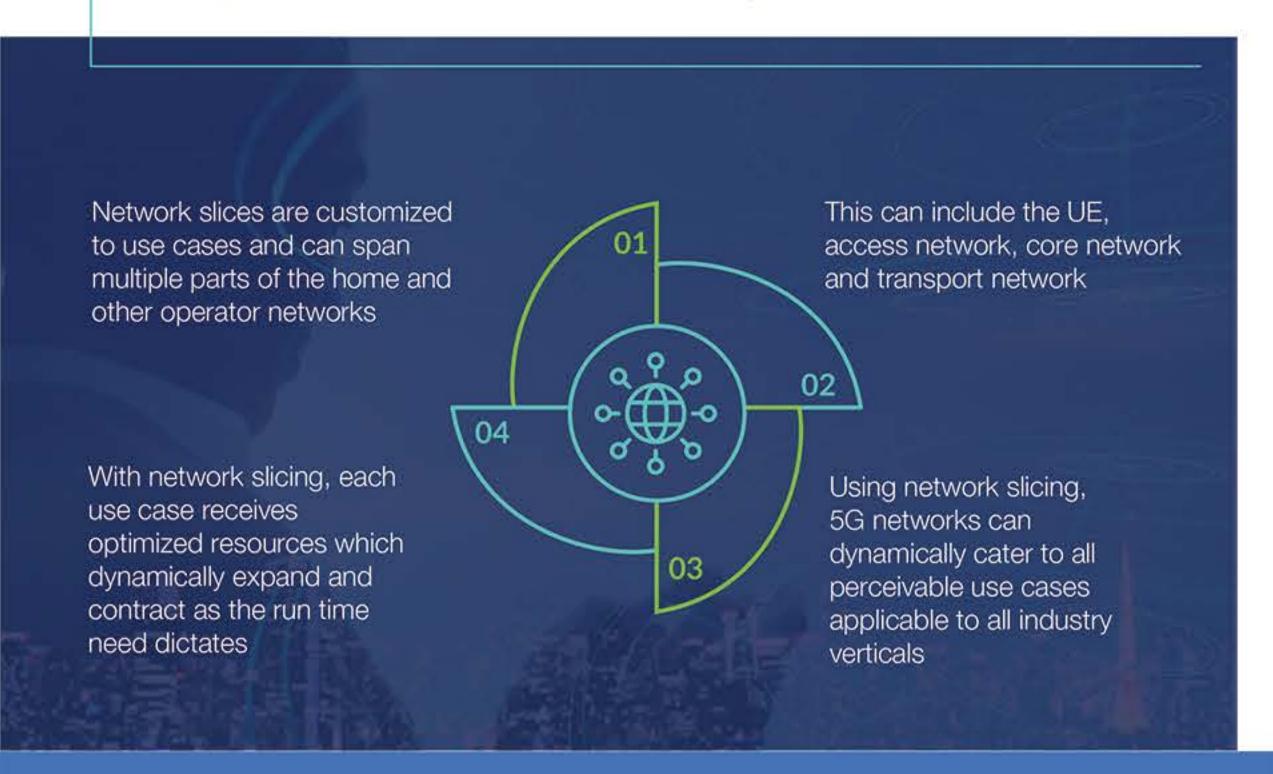
# Network Slicing: A Critical Component of 5G Success

Network slicing is one of the main architectural capabilities in 5G that operators will be leveraging to move the addressed use cases beyond the mobile internet domain. In this infographic we explore how creating multiple virtual core networks atop a shared physical infrastructure is at the heart of the industry 4.0 revolution.

The Use Cases for Network Slicing **Applications are Potentially Endless** 



5G IoT use cases will evolve over time with high density and low

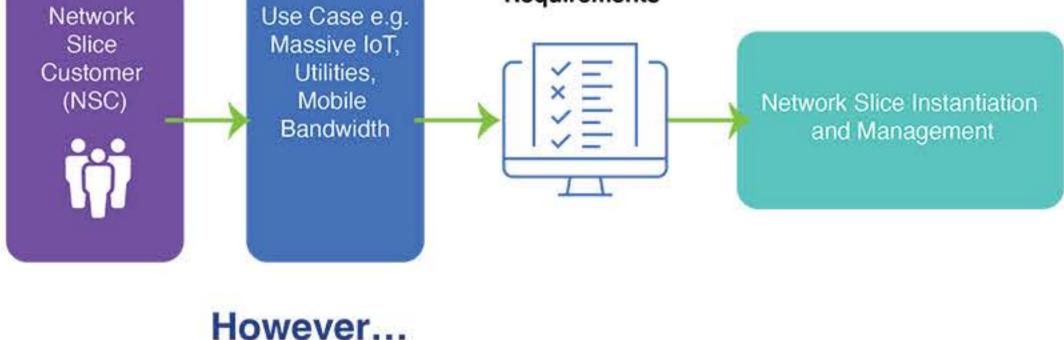
bandwidth requirements, and eventually low latency applications

providing significant latency and reliability advantages

**How Does Network Slicing Work?** 

Requirements

Network slicing can provide a near-direct path for communications,



## different from traditional Virtual Private Networks

**Network Slicing** 

It is important to recognize that network slices are



use case in the service,

every time





native implementation,

scalable and efficient

providing a very dynamic,

network model

varying quality and security parameters The role of multi-domain dynamic orchestration

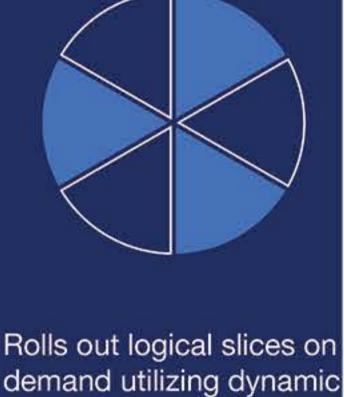
May leverage a

multi-tenant virtual

port simultaneous,

dynamic slices, with

infrastructure to sup-



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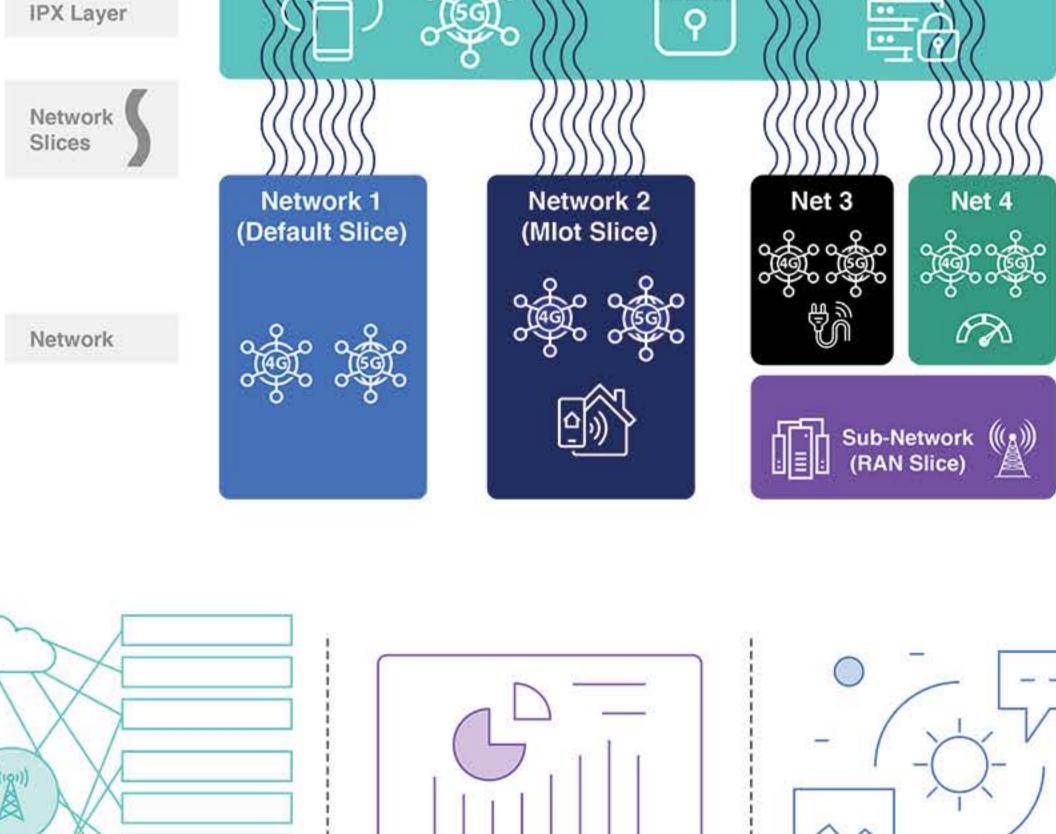
SERVICES

runtime orchestration

capabilities



## Slice Users



Slice-aware provisioning of services into specific slices allows operators to transition customers between slices in real time



Closed loop analytics drive service assurance with real time QoS management delivering QoS based services



Orchestration also supports tracking of service level adherence and healing, scaling, or modifying underlying services when deviation is detected

For a deeper dive into the FCC's Fourth Report and Order please read our whitepaper: Updated Factors to Consider When Implementing the STIR/SHAKEN Call Authentication Requirements Under the Pallone-Thune TRACED Act, available at tnsi.com



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