

# HUAWEI – Big IP Initiative

## Launched and Driven by

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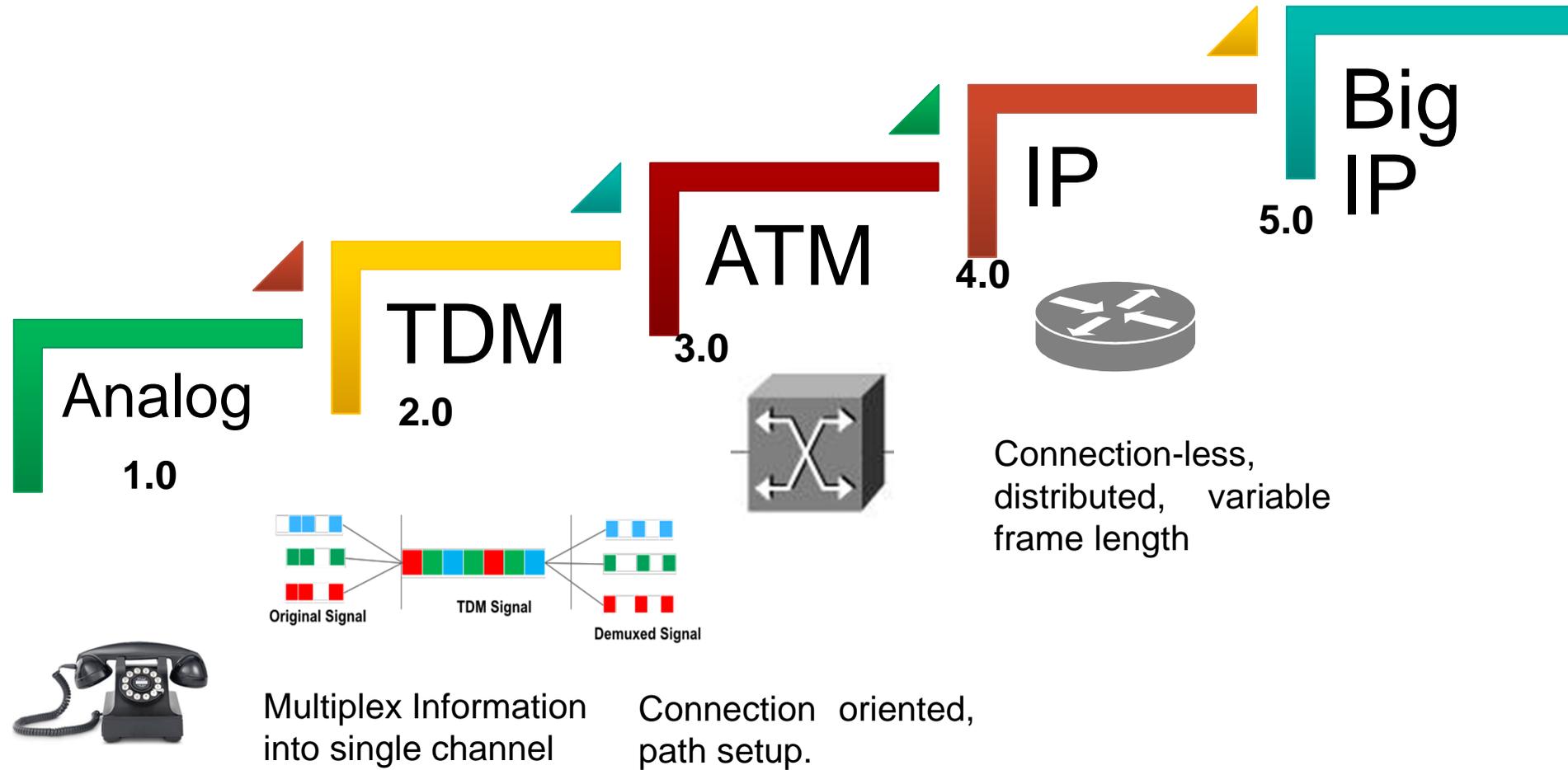
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# The Evolution of Internetworking Technologies



Circuit Switching

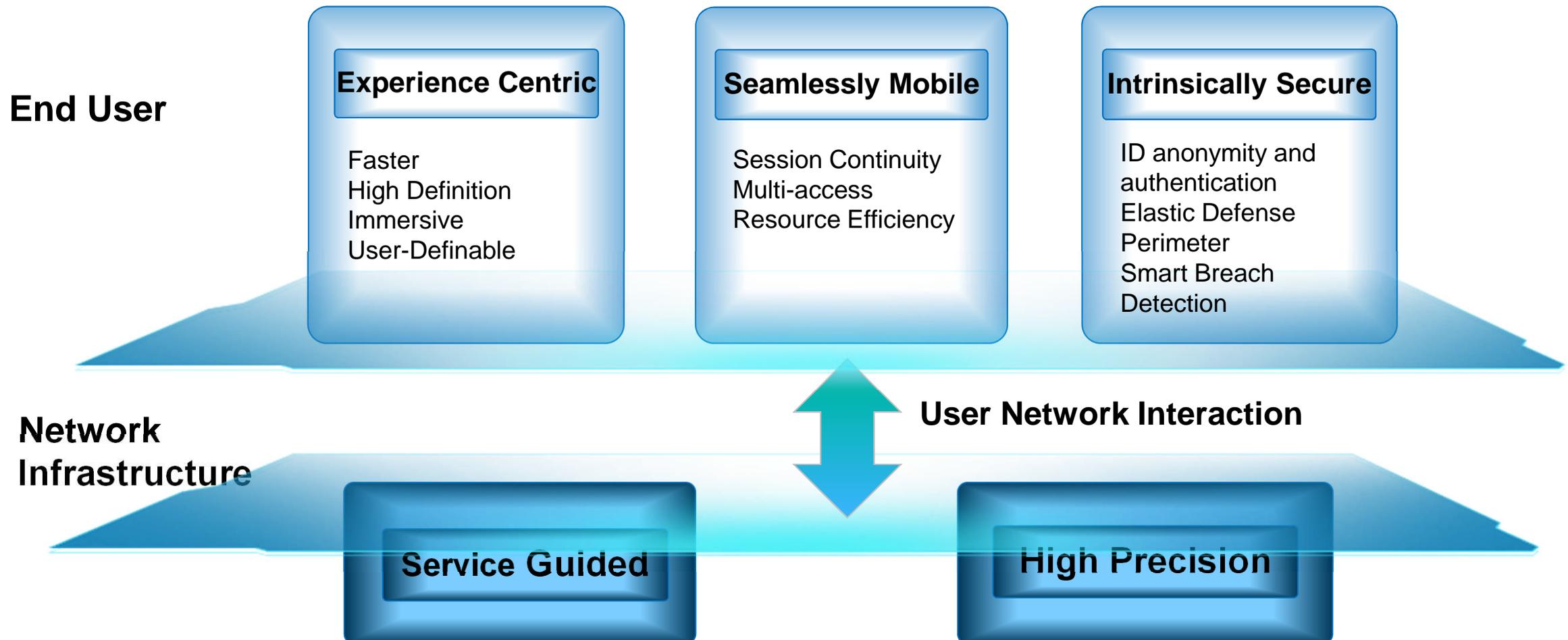
Multiplex Switching

Cell Switching

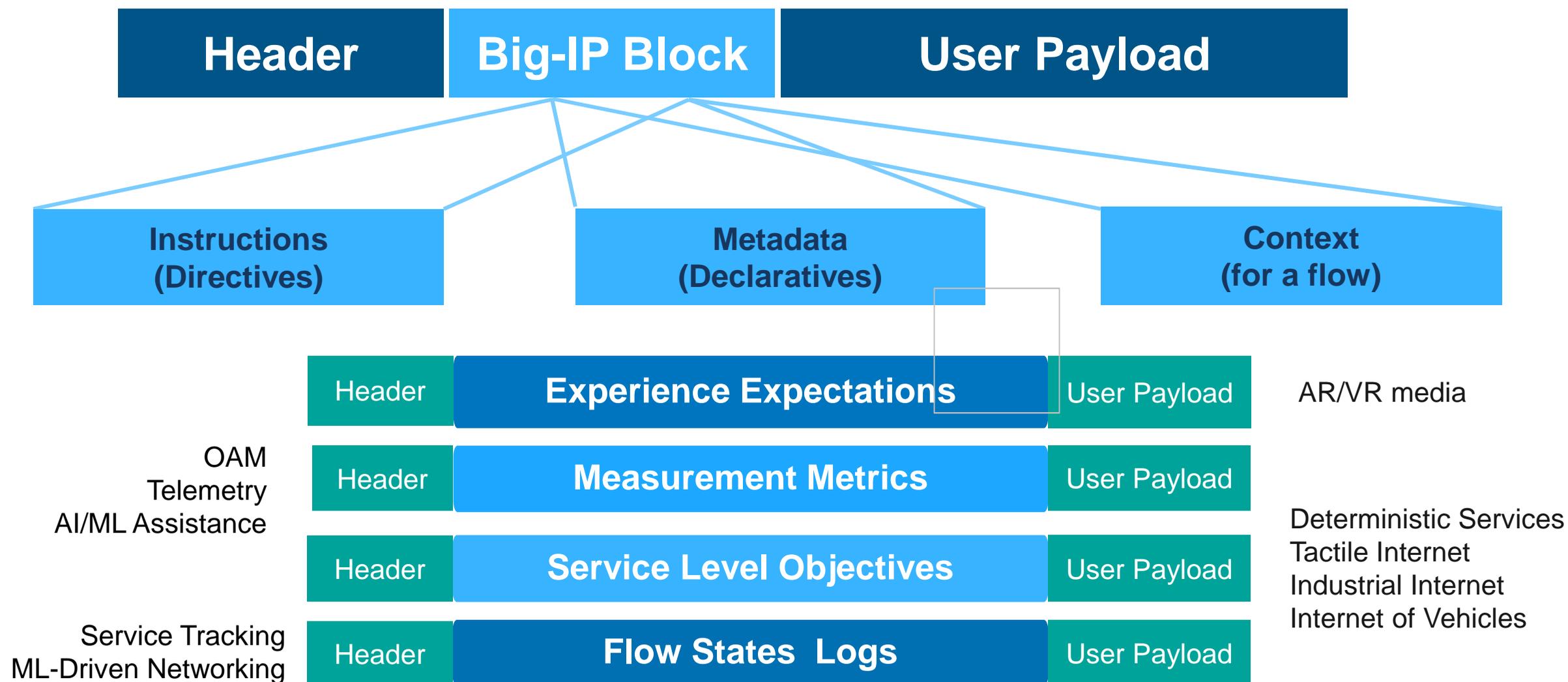
Packet Switching

High Precision Switching

# New Goals for Future Networks



# Big IP: Go Beyond IP for Future Applications



# Relevance of Big IP in the Industry

## Guaranteed High Throughput

## Guaranteed Low Latency

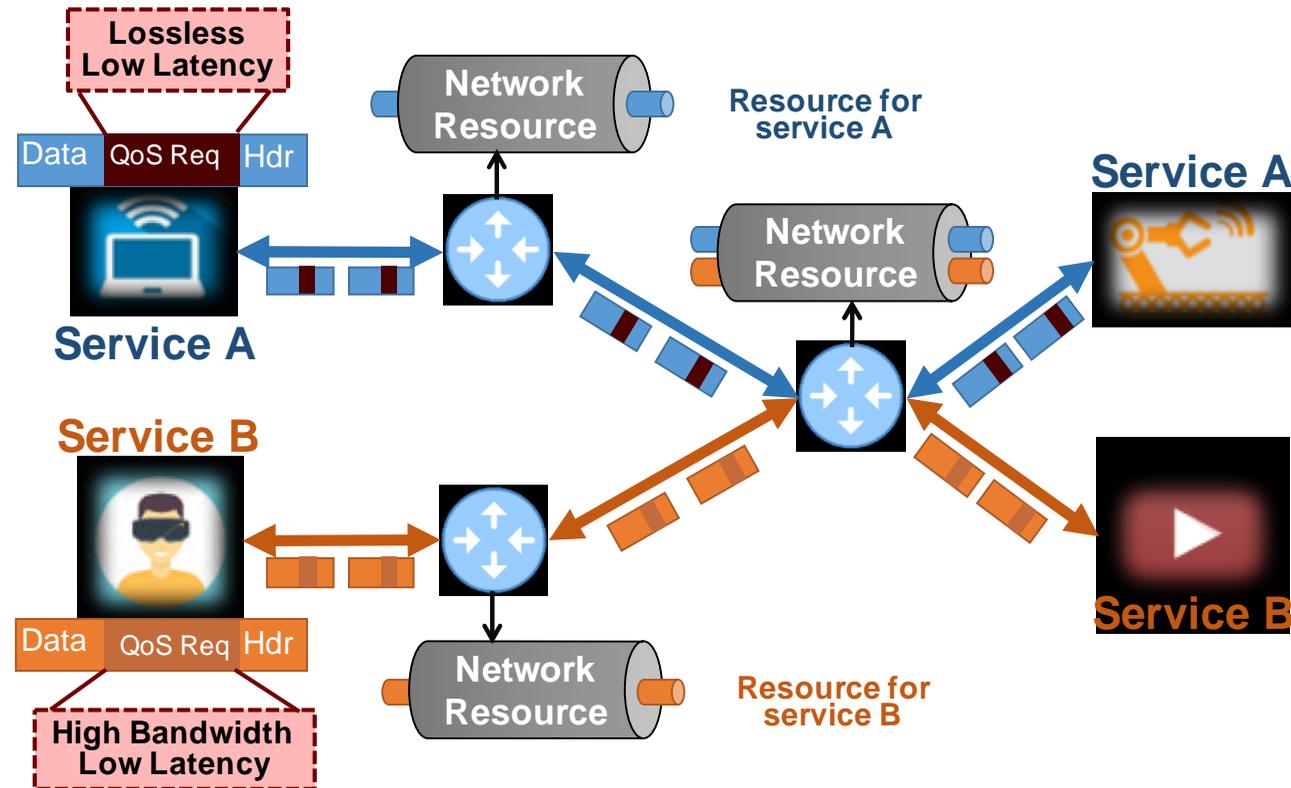
Dynamic resource reservation and differential treatment between higher priority data with normal of service specification.

Tactile Internet

## Deterministic Latency

Fill a gap between IP and TSN

Industrial internet



## Intelligent Forwarding

Allow customers to select different connectivity grades and treat packets so end to end.

## Service Customization

Allow customers to customize and make network responsive

Smart Pipes

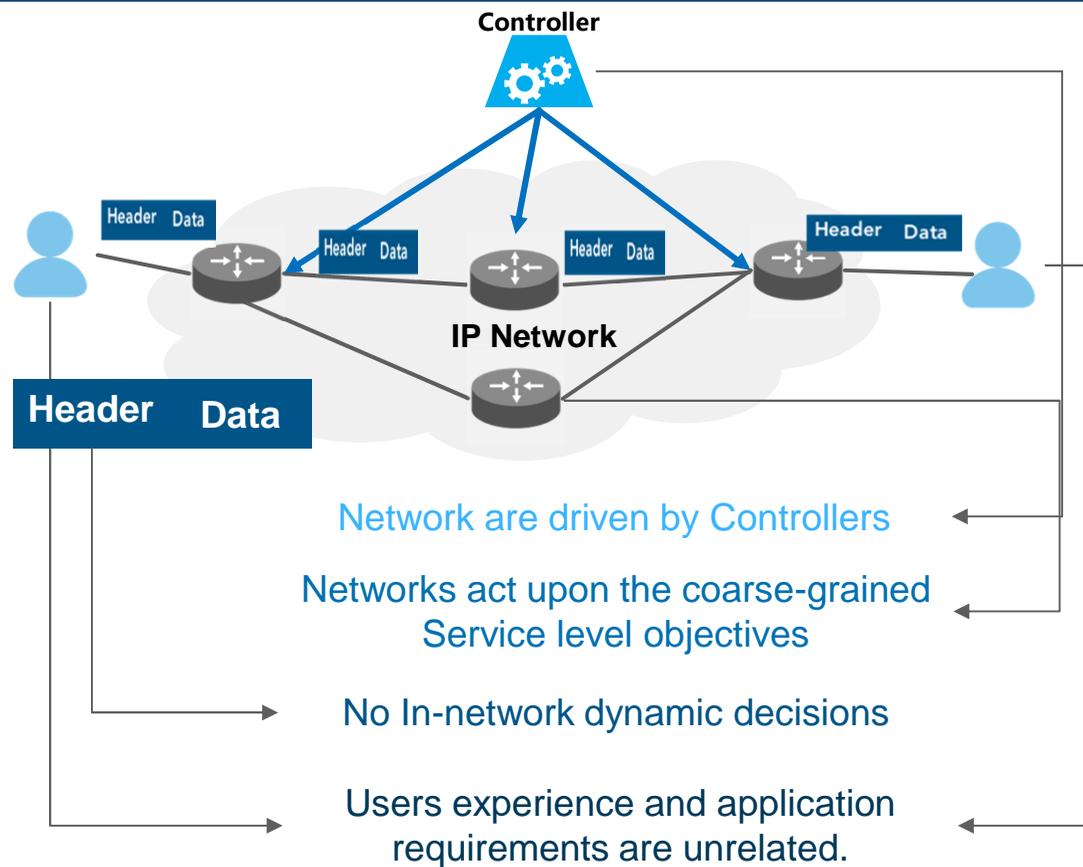
## Resource Reservations

Simpler in-band resource reservation.

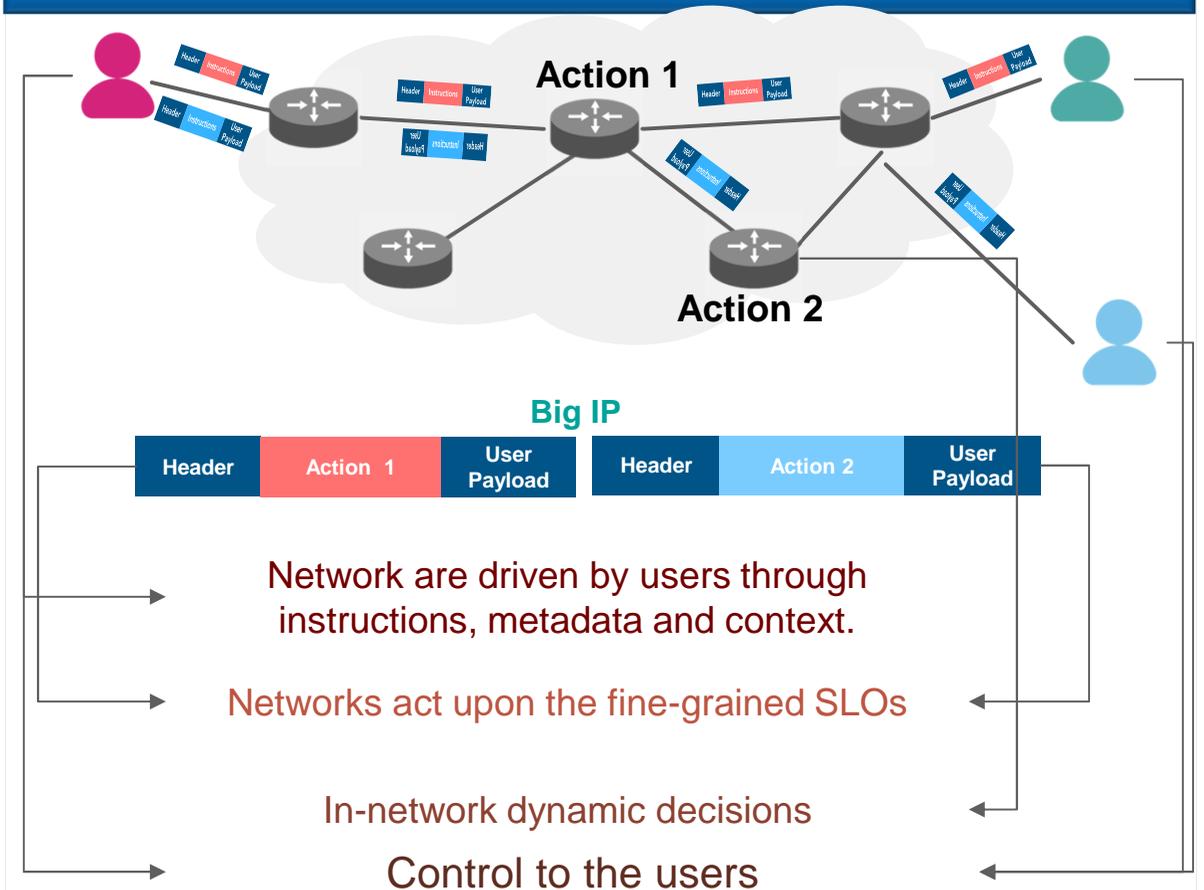
In band Signaling

# User-Network Interactions with Big IP

## Traditional No User to Network interaction



## User Programmable Big IP block Interacts with Networks



# Service Delivery Evolution

