

# Multi-Network Enterprise Solutions

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# ABSTRACT

Enterprises have the freedom to use a wide variety of networks and network technologies, including public and private cellular, office WLANs and public Wi-Fi hotspot services, SD-WANs and application-specific networks such as LoRa for IoT. But this freedom comes with a host of challenges. For example, each network often has different authentication credentials with separate identity providers, as well as different security capabilities, policies, levels of performance and coverage domains. All of these variables create complexity, which drives up the cost of managing them.

ATIS recognized these challenges and identified alternatives to integrate and simplify the management of this complex network environment, as well as enhance the overall reliability, resiliency, performance and security of the end-to-end system. This report describes those challenges and the technologies that enterprises can use to mitigate them. One example is the use of multipath to better leverage multiple networks in concert to increase overall network reliability, resiliency and performance.

# FOREWORD

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