

Medianet Readiness Assessment Summary	
Overall Readiness Status	This report identifies a number of risk factors or recommendations associated with the following areas:
	Medianet Infrastructure Level Assessment
	■ Hardware & Software
	■ QoS
	■ Performance
	■ Infrastructure Level Design
	■ SLA
	Medianet Application Level Assessment
	■ TelePresence
	■ DMS/Digital Signage

Medianet Readiness Assessment Summary Detail		
Hardware/Software Compliance		Assessment and Recommendation: <p>Hardware level: Most of the ACME platforms are up to the compliance level to support general video application deployment, only few exceptions for AR platforms such as 2600 etc. and at switch level. At the access level, 100M connection is ok to support SD video apps and streaming type of applications, but to be able to support HD interactive types of video applications, it is recommended to upgrade to Gigabit connections.</p> <p>Software level: Most of the devices assessed are at the compliant level to support video application and consistent with the enterprise software release standard as well. Gaps and exceptions have been identified as noted. Some of the switches are not at the recommended release level.</p> <p>i.e. acme-sw1, acme-sw3</p> <p>Cisco IOS Software, C3750 Software (C3750-IPBASE-M), Version 12.2(35)SE5, RELEASE SOFTWARE (fc1)</p>
QoS Compliance		Assessment and Recommendation: <p>ACME has an overall Quality of Service strategy and has consideration for video as well, but it is recommended to break it down further to different types of video applications, follow RFC Cisco recommended 12 class model.</p> <p>Also, there was QoS configuration inconsistency identified on particular devices.</p>
Performance Compliance		Assessment and Recommendation: <p>The majority of the devices are running on very low CPU load and memory usage level, the link utilization averages below 20 percent as well. ACME should have sufficient resource to support future video deployment.</p> <p>There is no further recommendation.</p>
Infrastructure Level Design Compliance		Assessment and Recommendation: <p>The following areas should be resolved:</p> <ul style="list-style-type: none"> ■ Inconsistent HA/redundancy implementation ■ Lack of multicast support across WAN ■ Security strategy needed for video
SLA Compliance		Assessment and Recommendation: <p>We ran a total of 9 tests throughout the week of cycle with various scenarios. Test results indicate that Jitter and Latency numbers are within requirements, although does indicate issues with the network experiencing packet loss that's beyond tolerance to support required video experience. Furthermore, the assessment indicates that there is an issue with headquarters and regional campus sites, pointing to WAN instability at these locations.</p>
Telepresence		Customer's network is ready at the application level for TelePresence adoption.
DMS/Digital Signage		<p>Multicast is recommended to be enabled across WAN as well as LAN.</p> <p>Careful capacity planning is required for broadcast video streams across WAN.</p>