SD-WAN

Prioritize Business Communication Bandwidth for Voice

FAQ: ICLOUDCONNECT SD-WAN

SD-WAN makes day-to-day operation and management of VoIP and data systems easier, more efficient, and worry-free.

iCloudConnect SD-WAN is designed to optimize your voice data traffic. Its primary function is to shape bandwidth and intelligently route traffic in order to ensure the highest voice quality. Secondarily, it works to prioritize your most important data traffic based on your policies and create special routing for your most used cloud-based services. (e.g. Office 365, Salesforce.com).

SD-WAN makes the day-to-day operation and management of VoIP and data systems easier, more efficient and worry-free. Optimizing your customers' existing bandwidth, iCloudConnect SD-WAN is ideal for any organization that needs high quality voice or those that have bandwidth limits and need reliability and stability for both their VoIP and standard data.

Who is SD-WAN For?

Our SD-WAN solution is for organizations with remote workers, multiple locations/ branches, or workflows that require employees to rely on multiple network types/ distributed networks. SD-WAN also benefits organizations that have bandwidth limits and need reliability and stability for both their VoIP and standard data.

How Does iCloudConnect SD-WAN Benefit My Customers?

Whether your customers have a single location that uses significant bandwidth or multiple locations that require stable VoIP and data, iCloudConnect SD-WAN solution optimizes hosted voice quality and data traffic by making the best use of an organization's current bandwidth.

How Does SD-WAN Prioritize Business Communication Bandwidth For Voice?

Using specialized routing, iCloudConnect SD-WAN identifies the best use of bandwidth for voice communication across distributed networks and gives voice the right-of-way. Other systems may attempt to push data through the limited bandwidth.

SD-WAN is ideal for any organization that needs high quality voice or those that have bandwidth limits & need reliability & stability for both their VoIP & standard data.

How Does SD-WAN Work?

Prioritization: SD-WAN prioritizes voice traffic over data to ensure the highest voice quality and prevent packet loss and dropped calls.

Monitoring & Remediation: SD-WAN and the Orchestrator work together to monitor voice quality and upon sensing a degradation of voice quality it will automatically do one of two things:

1. When the Orchestrator senses packet loss, SD-WAN will automatically begin duplicating packets in order to avoid voice quality degradation.

2. When the Orchestrator senses jitter, SD-WAN will delay the sending of packets to smooth out voice quality.

Specialized Routing: When sending the voice packets to us, SD-WAN creates specialized tunnels, isolating your traffic from standard internet traffic and ensuring the most direct route between your customers' networks and our data centers.

Distributed Network Optimization: SD-WAN works to manage and optimize connections between disparate locations and distributed networks, so employees at different locations have the same level of access and network quality.

Troubleshooting: SD-WAN, through the Velocloud Orchestrator, provides sophisticated troubleshooting functionality that can show you where there are issues and what remediation is being carried out automatically.