ATS Communications Informs Small to Mid-Sized Businesses of the Top 5 VoIP Audio Issues

Expert in Unified Communications Shares Reasons Why Many Organizations Are Not Benefiting from VoIP

Sacramento, CA – January 30, 2017 - ATS Communications, a leading provider of unified communications, has been informing small to mid-sized businesses of the top five VoIP audio issues so they can maximize utilization and reap the rewards of this technology. Unfortunately, many companies that have made the investment in VoIP have experienced subpar performance, particularly in the area of call quality. This is due to a variety of factors and left untouched, will cause frustration for everyone associated with the phone system including employees, customers and vendors. ATS Communications has been educating customers on the five most likely culprits of subpar VoIP performance and what steps an SMB can take to fix these issues quickly and simply.

1) Disable The "Comfort Noise" Setting. This is a setting on many VoIP systems that inhibits the flow of data that simply doesn't need to be turned on. Usually, its default setting is "on" but it's as unnecessary as jazz music in an elevator. It's especially important to turn off when users are having call quality issues, as this directly affects performance. Imagine an elevator that doesn't stop at every floor because it's running low on power, but you still are expending power on soothing jazz music.

2) Make Sure Your Firewall Isn't Accidentally Blocking Out VoIP. Nowadays, intelligent CIOs are erring on the side of overprotection, and one of the byproducts of that aggressive approach is that sometimes firewalls block out mission-critical applications, like VoIP. Firewalls are built specifically to keep things outside of a network and SMBs would do well to make sure that VoIP audio packets aren't being blocked from access. In other words, VoIP audio data packets should be treated like VIP data coming into the network, instead of having to wait in line to be let in. This often results in one-way audio.

3) Ports Aren't Open or Are Misdirecting Data. Take a look at your gateways and ports on your network. If the correct configuration isn't set up, your incoming data has no choice but to get mixed up, like an air traffic controller who has no idea which gates are open and which already have planes at the gate. This is happening all the time, but we notice it with audio because we can hear it immediately.

4) Make Sure Your Codecs Match. Since VoIP data is real-time-transport protocol (RTP), both sides of the interaction must be set to the same codec, otherwise the audio packets won't function properly. It's like one person speaking through a cell phone and the other using a walkie-talkie. Since, they're not using the same frequency, there will be distortions even if they can vaguely hear what the other party is saying.

5) Make Sure You Have Enough Bandwidth to Avoid Jitter and Latency. Everyone has experienced spotty conference calls that sound crystal clear one minute, and then very choppy the next. The big culprits here are jitter and latency, which are the result of too much traffic on a network. Just like traffic, instead of focusing on optimizing the car, it's best to just add lanes to your freeway so that all the data functions better. This is accomplished simply by purchasing more bandwidth for all your devices. It should be a last resort, after you've tried everything above.

"This is how we differentiate ourselves," stated Sanford Gladding, President at ATS Communications. "We conduct all of this assessment up-front, instead of waiting until our customers report issues with call quality. Our clients can't afford to have poor quality calls with their prospects, employees, and vendors so we take care of this with every customer. We take a consultative approach and become a trusted IT advisor to our customers so they can focus on

their business, instead of IT and telecommunications."

About ATS Communications

ATS is a technology solutions provider that partners with businesses to implement the latest enterprise networking and IT infrastructure, unified communications, cyber-security, business continuity, video surveillance and cloud infrastructure. These products and services are delivered as a proactive managed service model providing peace of mind that all critical business systems meet expectations of high availability, security and optimization. With expertise on a wide range of voice and data products, ATS Communications is a business' complete voice and data partner. Their services match the needs of small and medium size enterprises with optimized technology that provide best practice solutions which creates a competitive advantage and makes a positive impact to the client's bottom line. With over 40 years of experience, ATS has gained an excellent reputation for designing, implementing and proactively supporting solutions that focus on converging voice and data applications and has been recognized for outstanding performance by several of the industry's top manufacturers. These credentials have allowed ATS to grow and partner with businesses throughout Northern California and across the United States. ATS has three California offices located in Concord, Sacramento and Redding. For more information, call their corporate office in Concord at (925) 602-1500 or visit www.atscommunications.com.