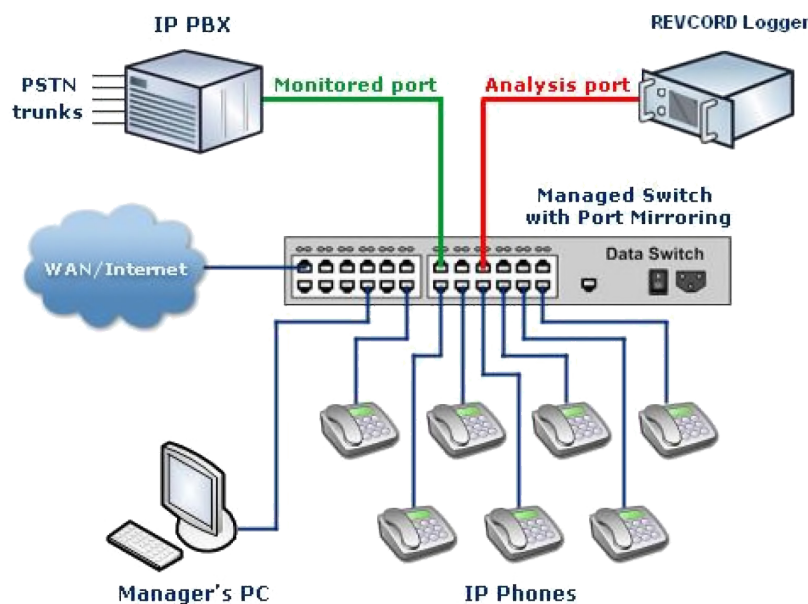


# VoIP Network Diagram

In a VoIP telephony network, voice and signaling are sent over the network in packets. In order for the Revcord machine to be able to see and read these packets, the packets need to be sent or copied to a single destination, Port Mirroring: Port Mirroring refers to configuring a network switch so that it will copy traffic from one or more of its ports to a mirror port. In a Cisco environment, this is called SPAN(Switched Port Analyzer).

In the below diagram, there is only a single port that is being monitored, and that is the port for the IP PBX. This will allow all incoming and outgoing calls to be mirrored to the Analysis port for the voice logger to sniff the traffic. This will not record extension to extension calls.



In order to capture ALL calls and ALL signaling, the SPAN would be for all of the telephones instead of the PBX. This will pick up all incoming, outgoing, and extension to extension calls.

Please note that it is necessary to exclude the PBX from the port mirroring in the scenario. Otherwise you will get duplicate traffic.

Also, please note that not all switches support port mirroring. Please look to your switch manufacturer for support and configuration information.

## **Site and Data Preparation**

Please see the Installation Planning Guide. It is located on the Revcord Support website

[Http://support.revcord.com](http://support.revcord.com)

10190 Katy Freeway Suite #501  
Houston, TX 77043  
[www.revcord.com](http://www.revcord.com)



1-866-559-2188  
Local 281-404-7040  
Fax 281-404-5323

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