

# Active Recording

Active Recording gives you the option to record internal, inbound, and outbound calls. You can decide which calls are being recorded by using the customized recording rules. We've incorporated Live Listen into Active Recording, which means you can now listen to calls as they are happening.

Because Active Recording is managed by Avaya Call Reporting's Recording library, finding calls that were recorded is easy using Cradle to Grave's filter tool.

## Technical Summary

Avaya Call Reporting (ACR) utilizes Devlink3 for call recording. ACR's Call Recording API is exclusive to Avaya products only and is not available for public integration and use. We use Devlink3 messaging to initiate and stop a recording. Avaya Call Reporting recording rules will send a Devlink3 request to the IP Office to start a recording or stop a recording.

After the Devlink message is successful, the IP Office will initiate SIP messaging, which is sent to Recording Library as a SIP INVITE message. Recording Library negotiates over SIP with the IP Office regarding where to send the audio bytes. After that negotiation, an RTP audio stream is sent to Recording Library on the negotiated port.

When the call is done, Recording Library will send its data about the recording to Avaya Call Reporting and adjust the audio to match the call events.

### IP Office Versions Supported

11.0.0.2.0 build 23 or higher  
10.1.5 higher

### Port Numbers Used

Active Recording uses SIP message port 5060 and RTP port 6970, both of which are on the Recording Library server. Both ports are configurable.

### Recording Rates and Storage Calculations

Active Recording has a 64 Kbps bit rate per recording. Below is a chart detailing the storage calculations.

Storage	1 Port	5 Ports	10 Ports	25 Ports	50 Ports
32 GB	700	140	70	28	14
250 GB	5,461	1,092	546	218	109
500 GB	10,922	2,185	1,092	437	218
1000 GB	21,845	4,370	2,185	875	437

### Maximum Active Recording Port Capacity per IP Office Environment

Platform	Total Active Recording Port Capacity
IP Office Server Edition running on Dell R230	80
IP Office Server Edition running on Dell R360	80
IP Office Server Edition running on ACP110 (Dell R640)	80
IP Office Server Edition OVA	80
Select running on ACP 110 (Dell R640)	160
Select OVA	160
IP500 V2	40
IP500 V2 in Small Community Network	40 per IP500 V2 Control Unit

\*Partners selling Avaya Call Reporting to Powered By clients need to test the product in their environment before selling it. Xima Software will provide an NFR (not for resale) serial in order for partners to test their environment.