

WebEx Audio Integration

TSP 3.5.4

Release Notes

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2 Executive Summary

TSP 3.5.4 was built to support the WebEx Business Suite 27 FR17 release's enhanced video functionality, specifically the voice activated video switching feature, where the loudest speaker is displayed in the primary video screen view.

Prior TSP releases allow audio integrated partners to notify WebEx of all speaking attendees; however, there is currently no known method that allows signifying one person as the primary speaker, or sorting the speakers by energy volume. TSP 3.5.4 aims to bridge this gap and extend improved support for rich collaborative meetings to Cisco WebEx Partners.

3 New Features

This section covers on the new features that were added in TSP 3.5.4.

3.1 Active Speaker Audio Strength Prioritization

A new feature to the FR17 release of WebEx Meeting Center is a drastic improvement in video capabilities. One of the features that these new video capabilities bring is voice activated video switching, where the meeting participant speaking the loudest will be displayed on the main portion of the video user interface. TSP 3.5.4 makes this possible by providing a new command that replaces *A2W_NotifySpeakingStatus*, called *A2W_NotifySpeakersByOrder*.

- If the bridge/adaptor can identify participant speaking energy, the *A2W_NotifySpeakersByOrder* message should be used.
- If the bridge/adaptor cannot identify participant speaking energy, the *A2W_NotifySpeakingStatus* message should be used.

Note: Voice Activated Video Switching must be enabled in the WebEx Telephony Domain to support this feature. If you have coded your adapter to support *A2W_NotifySpeakingOrder*, and are utilizing TSP 3.5.4, please notify your Technical Account Manager or API Developer Services to have this feature turned on within your assigned Telephony Domains.

3.1.1 New API Message: *A2W_NotifySpeakersByOrder*

The following table describes the attributes included in the new message:

Attribute	Required?	Description
MsgID	Yes	The unique identifier for the message
ExtConfID	Yes	The unique identifier for the meeting/conference
SpeakingList	Yes	The list of ExtCallIDs that are speaking in order by speaking energy

The following represents the XML syntax for the message:

```
<WbxTSPSchema Name="WTSPDOM" Version="1.0">
  <TransID>xxx</TransID>
  <A2W_NotifySpeakersByOrder MsgID="xxx" ExtConfID="xxx"
    SpeakingList="xxx%xxx">
  </A2W_NotifySpeakersByOrder >
</WbxTSPSchema>
```

