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## How to setup Microsoft® Lync with Dante Virtual Soundcard in a SymNet conferencing system

This Tech Tip will explain the process of integrating Microsoft Lync software with Symetrix hardware, using Dante Virtual Soundcard in a video conferencing system.

Microsoft Lync is an Instant Messaging client used with Microsoft Server or Lync Online, available with Microsoft Office 365 and Live@Edu. Microsoft Lync is the replacement for Windows Messenger, which was used with Microsoft Exchange Server. Microsoft Lync is an enterprise software; unlike Windows Live Messenger (which became Skype), they have a different feature set that is targeted more towards the corporate environment.

A few of the notable features are:

1. Instant Messaging
2. Voice Over IP
3. Video Conferencing
4. Microsoft Outlook Contacts stored on Microsoft Exchange Server are available

What you will need:

1. SymNet Composer
2. SymNet Radius, Radius AEC, or Edge processor
3. Dante Controller
4. Dante Virtual Soundcard (or DVS)
5. Microsoft Lync

Now open Dante Virtual Soundcard (DVS).

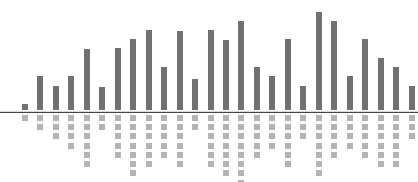
- 1) Start > All Programs > Audinate > Dante Virtual Soundcard.
- 2) Turn on the DVS by pressing the green power button.



Open Dante Controller located at Start > All Programs > Audinate > Dante Controller.

The Dante Device Network Name of the PC or MAC running Dante Virtual Soundcard (DVS) should be visible on the Routing page in Dante Controller.

In this example the name of the Dante network device is **cpainter-It1**.

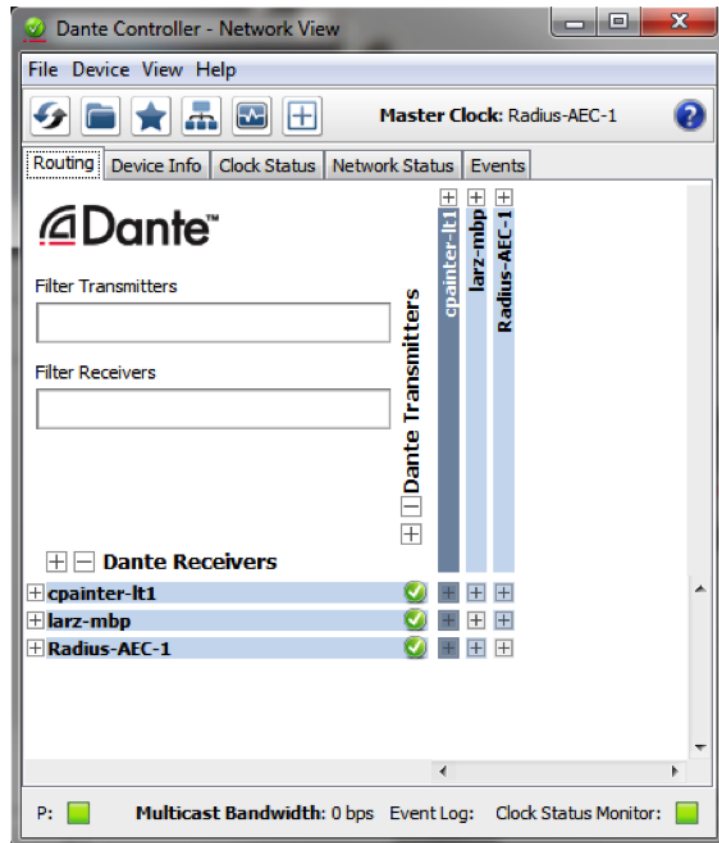


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Write this name down for a later step.

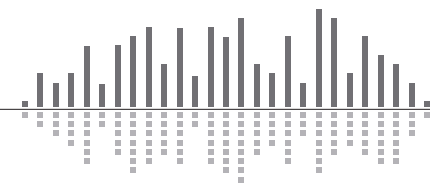
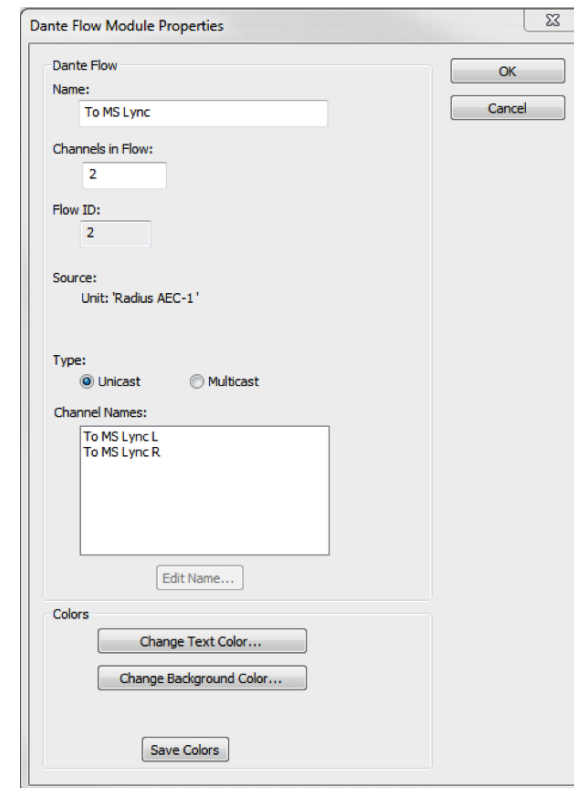


We will need Dante audio going both directions in this case so we can hear the far end speaking to us, and so the far end can hear us speaking to them. So the Site File will have both transmit, and receive Dante Flow.

## Creating your Dante Flow from Composer to MS Lync:

- 1) Connect your computer to your EDGE or Radius unit via the Ethernet port.
- 2) Open SymNet Composer.

- 3) Select Tools>Dante Flow Manager.
- 4) Select New Dante Flow.
- 5) Enter your Dante Flow name, select the amount of channels you need, and label them.
- 6) Select OK.
- 7) Drag the Dante Bus from your Toolkit into your Design View.
- 8) Wire your audio source into this transmit Dante flow.

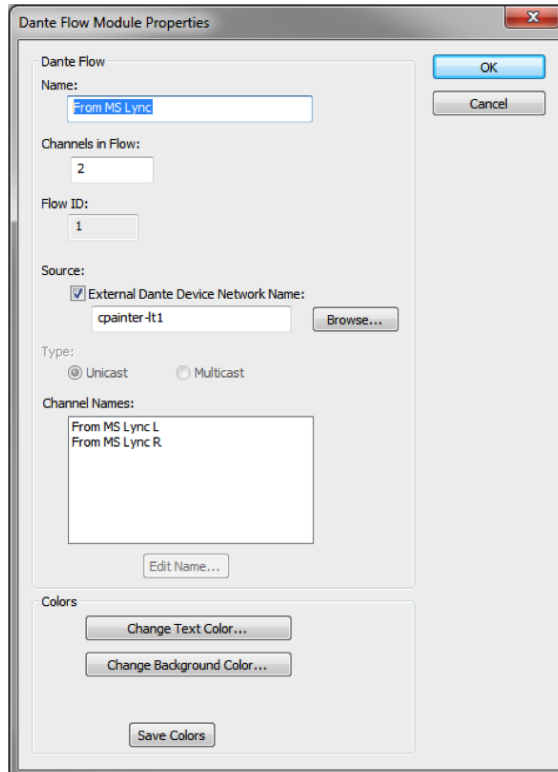


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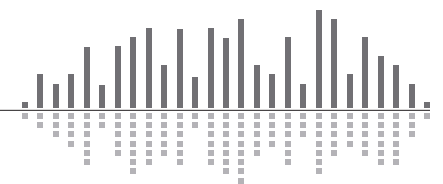
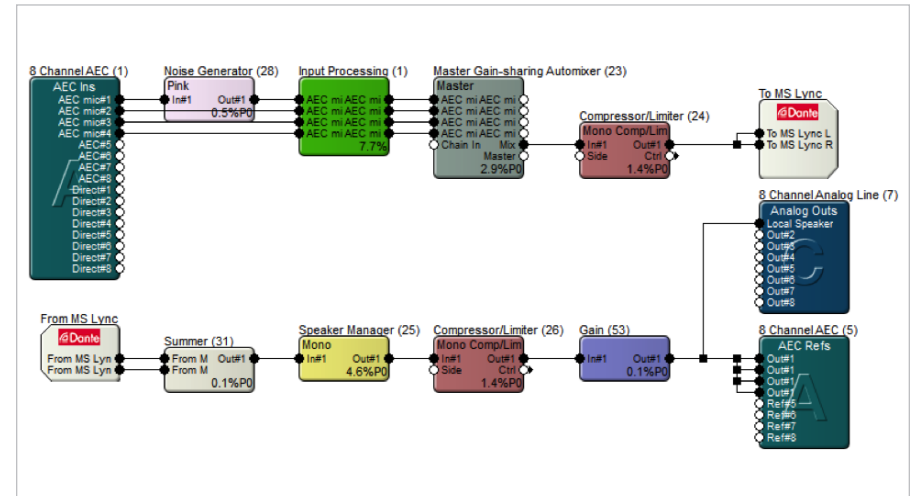
## Creating your Dante Flow from MS Lync back to Composer:

- 1) Select Tools>Dante Flow Manager.
- 2) Select New Dante Flow.
- 3) Enter your Dante Flow name, select the amount of channels you need, and label them.
- 4) Check the Source box for External Dante Device Network Name, and enter the Network Name we got earlier from Dante Controller.
- 5) Select OK.
- 6) Drag the Dante Bus from your Toolkit into your Design View.

Wire this receive Dante flow into your design.



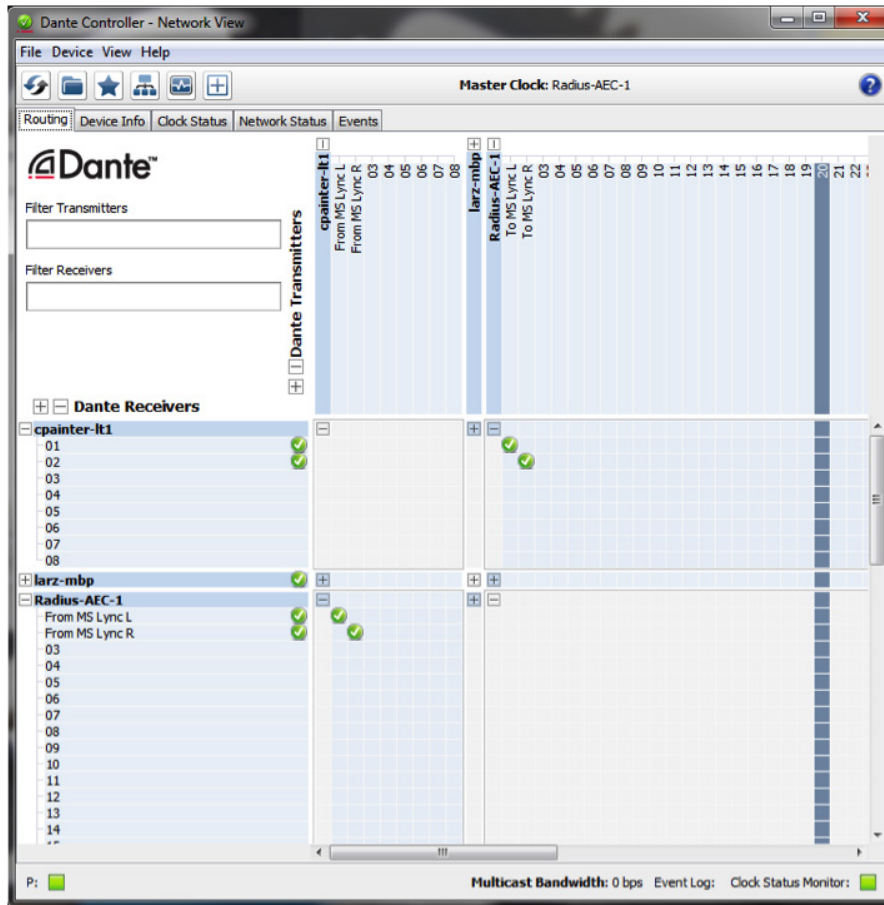
Here is the site file that we are working with for this example.



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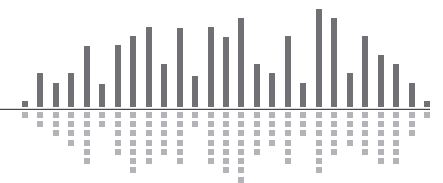
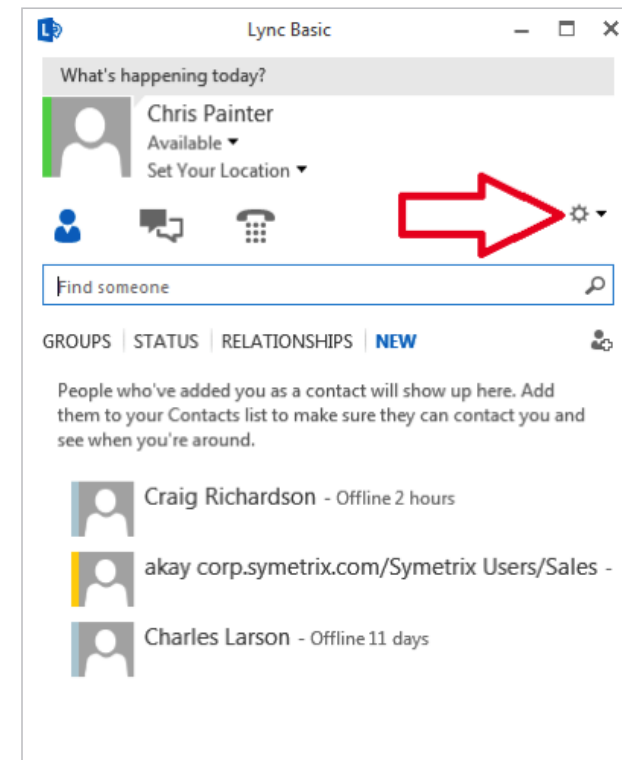
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In Dante Controller it shows **cpainter-It1** Transmitters connected to **Radius-AEC-1** Receivers (From MS Lync). It also shows the **Radius AEC** transmitters (To MS Lync), connected to **cpainter-It1** Receivers.



Finally open Microsoft Lync software

- 1) Start > All Programs > Microsoft Office > MS Lync
- 2) Click on the icon that looks like a gear
- 3) Click on Audio Device in the left column
- 4) For Speaker, Select DVS Transmit 1-2 (Dante Virtual Soundcard)
- 5) For Microphone, Select DVS Receive 1-2 (Dante Virtual Soundcard)



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At this point you can make a call on the system and start dialing in the gain structure for good AEC results.

