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# **Simscribe User Guide**

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Product Name: Voisus

Simscribe User Guide

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# Revision history

Date	Revision	Version	Comments
7/13/2017	B	0	Converts Simscribe content to PDF format; edits content for grammar, style, and accuracy.

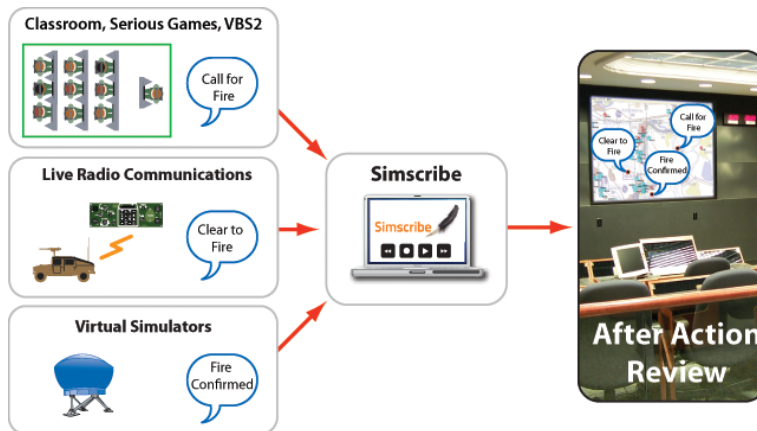
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# 1.0 Introduction

Simscribe is a network voice and communications capture and replay tool for Live Virtual Constructive (LVC), after-action review (AAR), and game-based training applications. Simscribe captures and replays local Voisus traffic and external Distributed Interactive Simulation (DIS) traffic.



*Figure 1: Simscribe network diagram*

Example applications include live radio communications; air, land, and sea simulators; Serious Game communications, and classroom student and instructor-based training.

Simscribe's key features include the following:

- Centralized, web-based configuration and management
- Integrates directly into Virtual Battlespace (VBS) in-game recording and playback features
- Browser-based Simscribe application for simple recording, replay, and bookmarking of key events
- Custom recordings and playback with filter options
- Custom software development kit (SDK) available for integration with other AAR tools
- DIS interoperability
- Works with simulated and live radios and intercoms

User interface options include the web-based Simscribe application and the VBS in-game AAR plug-in, which launches automatically with the game for seamless operation. A Simscribe application programming interface (API) and SDK are also available. Contact ASTi for details. For more information about Simscribe's integration into VBS, see "Simscribe for VBS" in the *Voisus Client User Guide*.

## 2.0 Create a recording

To create a recording in Simscribe, follow these steps:

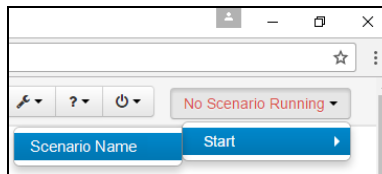
1. Open a web browser on a computer sharing the same network as the Voisus Server.
2. In the address bar, type the Voisus Server's IP address.
3. Log into the Voisus Web Interface using the following default credentials:

Username	Password
admin	astirules



*Note: If your organization changed these default credentials, check with your IT administrator for an updated username and password.*

4. In the upper right-hand corner, click the **Scenario** drop-down box.
5. Point to **Start**, and click the desired Scenario.



*Figure 2: Start Scenario*

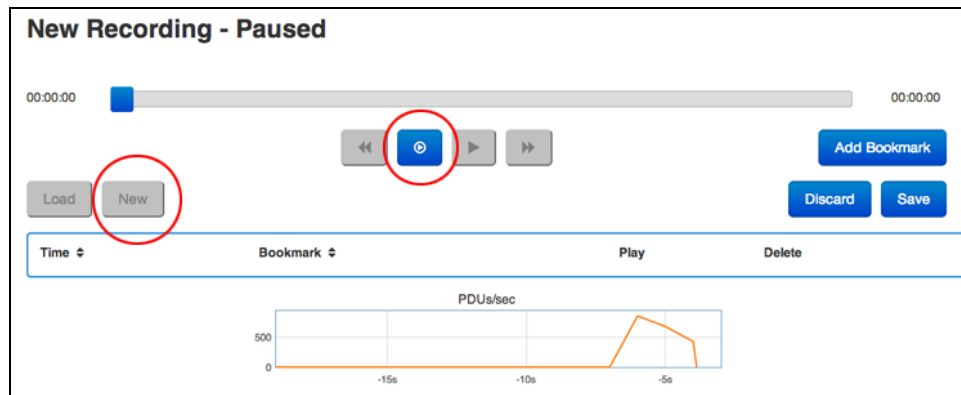
6. From the top right navigation bar, click **Simscribe** , and then click **Simscribe**.



*Figure 3: Simscribe menu option*

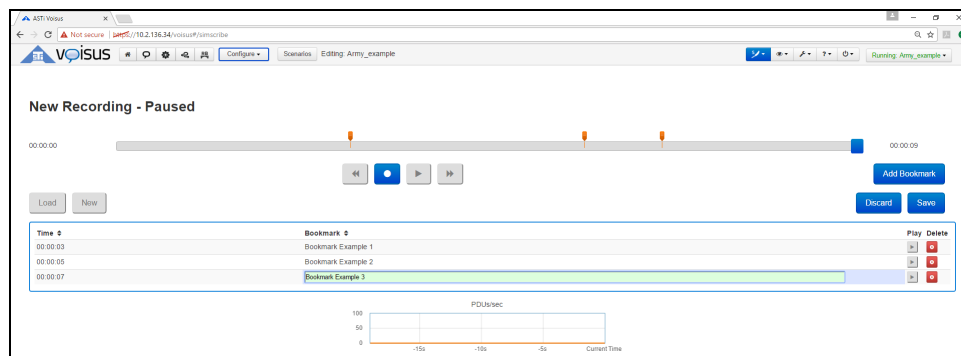


- To make a new recording, click **New**, and then click **Record** .




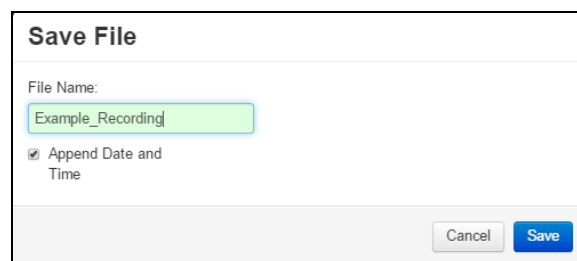
*Figure 4: Begin a recording*

- To mark key events while recording, click **Add Bookmark**.
- To name new bookmarks, in the **Bookmark** column, click on the bookmark, and type the desired name.



*Figure 5: Name new bookmarks*

- When finished recording, click **Pause** , and then click **Save**.
- In the **File Name** box, type a name for the recording.
- To attach the date and time to the recording, select **Append Date and Time**.
- Click **Save**.



*Figure 6: Save file*

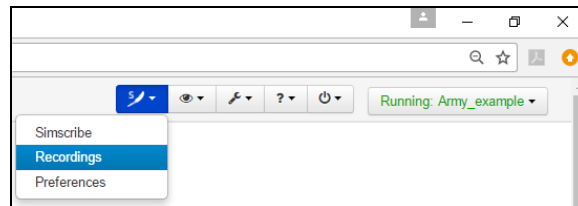
## 3.0 Play back a recording

To play back a recording, follow these steps:


1. Click **Load**.
2. Click the **File Name** box, click the recording you want to play, and then click **Load**.

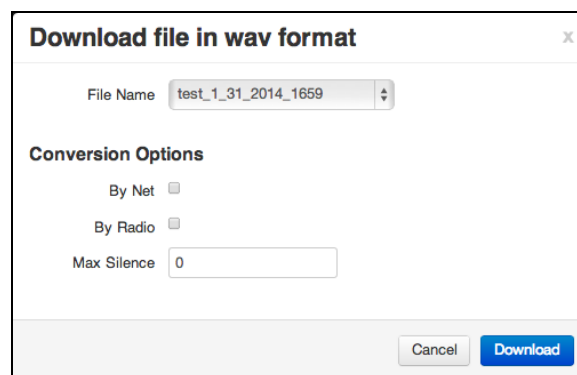
To transfer recording files between the Voisus Server and your local computer, follow these steps:

1. From the top right navigation bar, click **Simscribe** , and then click **Recordings**.



*Figure 7: Simscribe Recordings navigation*

2. On the **Simscribe Recordings** page, click **Manage** , and then click one of the following:
  - *Download Archive*: creates a compressed archive (i.e., .tgz) file that downloads to your local computer.
  - *Upload Archive*: allows you to select an archived log file to upload to the Voisus Server. If you experience difficulty uploading large Simscribe files (i.e., 2 gigabytes or larger), contact ASTi for assistance.
  - *Download wav file*: converts network audio recordings to Waveform audio file format (i.e., .wav); you can separate the downloaded file into individual Waveform files by net or by radio.

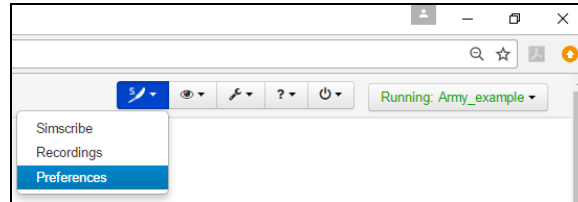


*Figure 8: Download wav file options*

## 4.0 Preferences

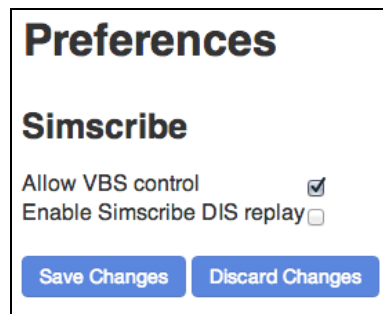
To modify Simscribe preferences, follow these steps:

1. From the top right navigation bar, click **Simscribe** , and then click **Preferences**.



*Figure 9: Simscribe Preferences navigation*

2. Select one of the following settings:
  - *Allow VBS control*: opens an additional Transmission Control Protocol (TCP) port that accepts control commands from the Virtual Battlespace (VBS) Simscribe plug-in. When this option is disabled, VBS in-game control of Simscribe does not function. For more information, see “Simscribe for VBS” in the *Voisus Client User Guide*.
  - *Enable Simscribe DIS replay*: broadcasts Simscribe playback through the Distributed Interactive Simulation (DIS) gateway.



*Figure 10: Simscribe preferences*