MIDI

CD Audio

Digital
Audio

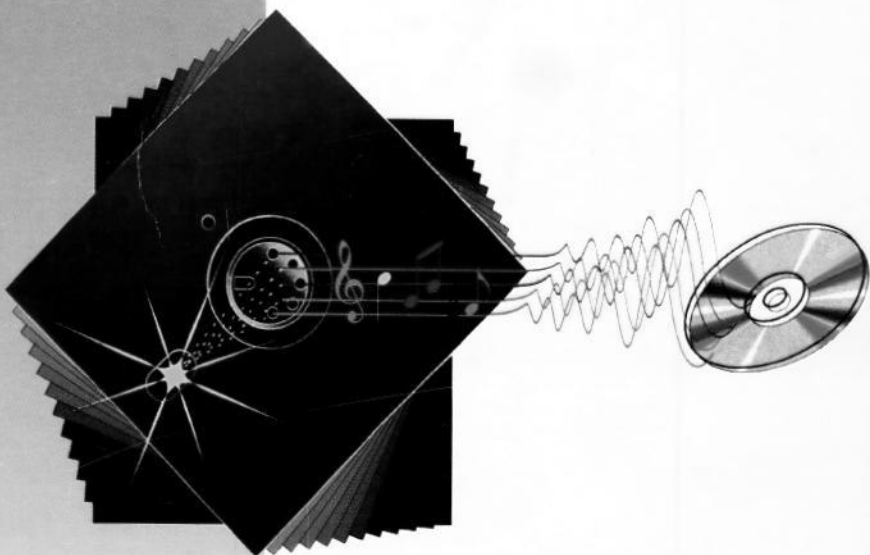Music
Synthesis

Voyetra

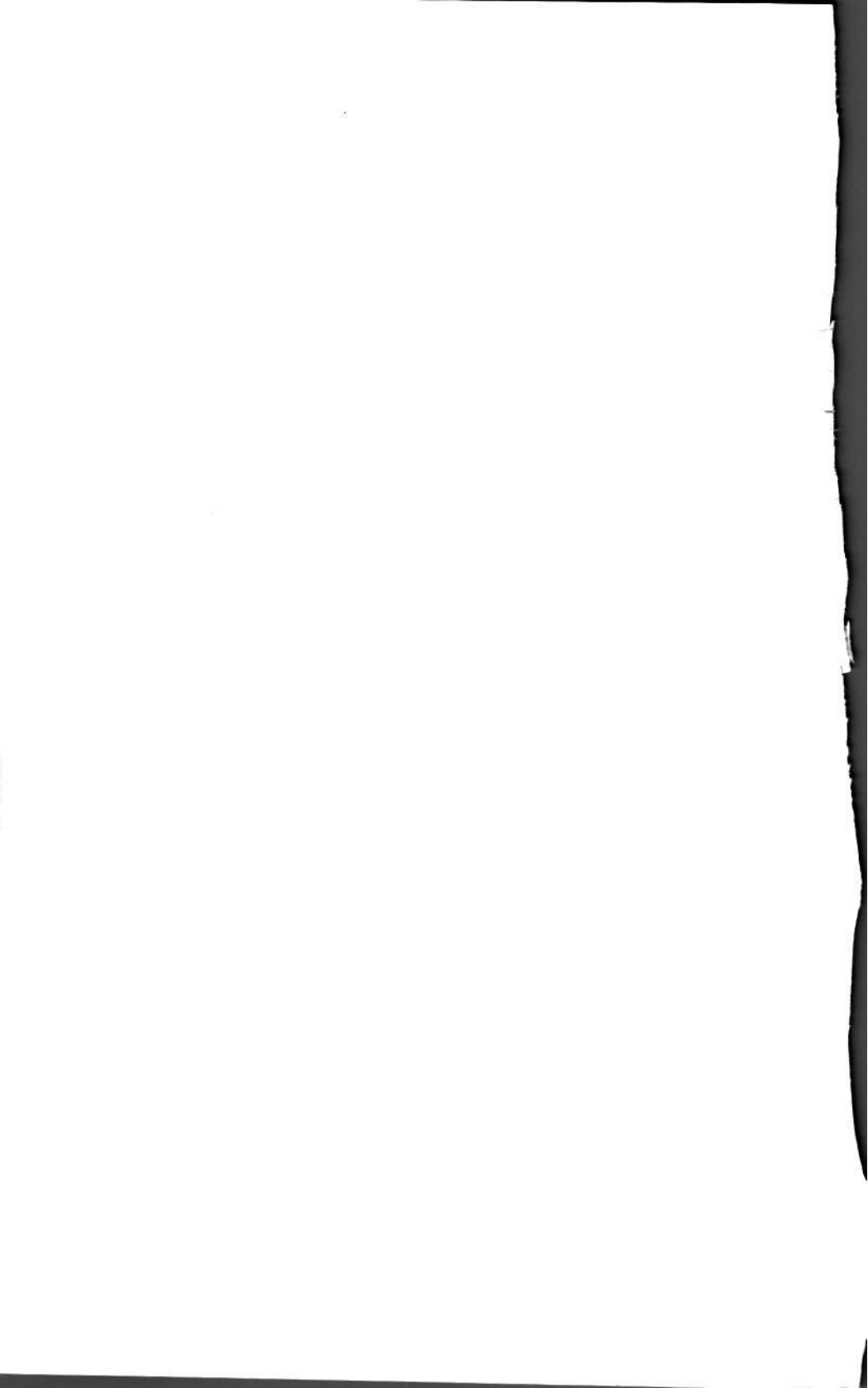Multimedia

Productivity

Pack

for Music and Audio

Voyetra

Voyetra®

Multimedia Software for Windows
Getting Started and Quick Manual

Table of Contents	Page

To help you tap the power of the *Sound Source Enhanced MAD16 PRO* sound card, we've included this award winning multimedia software tools from Voyetra Technologies, the leader in Multimedia software for the IBM PC and compatibles. The Voyetra Multimedia software package will give you many ways to bring the added dimension of multimedia to your computing tasks.

Voyetra Multimedia Sound Software:

1. **Audiostation** -- An integrated suite of programs that consists of several home stereo-style components, or "modules":
   - **Audio Mixer**
   - **CD player**
   - **Digital Audio (DAT) Player**
   - **MIDI player.**

   Audiostation gives you complete control over every aspect of the sound system. It recreates a high-end stereo system right on your desktop computer.

2. **MIDI Orchestrator** -- The MIDI Orchestrator lets you play, record, and arrange MIDI song files using a graphical "mixing console" interface. A comprehensive professional sound editing system.

3. **Windows Digital Audio Transport (WinDAT)** -- A Windows program for recording, editing, and playing back digital audio (.**WAV**) files. WinDAT let you see your sound graphically as well as hear it, and brings the ease of word processing to the task of editing digital audio files.

4. **Sound Check** -- A fully integrated diagnostic program for Multimedia PC's, it simplifies troubleshooting of sound cards, sound drivers, CD-ROM drives and MIDI devices. From a single window, you can inspect, test and if necessary, reconfigure your multimedia hardware and software.

5. **Say It!** -- A Windows utility that lets you easily embed voice notes into any document that supports windows Object Linking and Embedding (OLE) to produce true multimedia documents.

6. **Level Control** -- A hot-key operated utility that gives you instant control over the sound card's master output level and left/right balance in Windows.

7. **Sound Events** -- Brings your Windows desktop to life by letting you add sounds to various events. (i.e. Mouse clicking ...)

8. **Audio Calendar** -- Helps you keep track of your schedule and lets you attach text, voice messages, and audio alarms to your daily appointments.

9. **Audio Screen Saver** -- adds the dimension of MIDI music to the standard Windows Screen Saver.

10. **VideoStation** -- A Windows application offers an easy way to select and play Video files in AVI (Audio/Video Interleaved) format used by Microsoft Video for Windows. This well designed program allows you to playback full motion full screen Video smoothly even on a slow system.

11. **ImageStation** -- A Windows powerful viewer reads virtually all the image file formats that are in use today. It is built around an interface that looks like a 35mm slide viewing table, ImageStation offers a quick and easy way to create presentations and slide show on the PC.

12. **SoundScript for Windows** -- A Windows application combines animation, bitmapped graphics, digital audio, MIDI song files and CD audio tracks to create exciting presentaions that reflects every wonderful angle of Multimedia.

13. **VoiceNet** -- A communication program that enables you to send text and audio electronic mail among users on a Novell Netware® *2.x, 3.x, or 4.0* Local Area Network (LAN).

14. **On-line Docs** -- The on-line manual containing full documentation of every aspect of this integrated software is just one click away.

15. **CD-ROM Gallary** -- To make the multimedia package more useful and enjoyable, we've also included a huge gallary of multimedia collection in the CD-ROM disc. It consists of more than 1 hour of video clips, 30 Megbytes of Images, many MIDI songs and digital audio files.

To prepare for recording:

1. Connect your microphone to the appropriate input on the sound card and use your mixer to adjust the record level to a comfortable value.

2. Make sure Say It is loaded; the icon should be visible on your Windows desktop.

3. Use your OLE client application to create or open a document. Your client application will display a new menu item in its system menu: "Record Note Ctrl-R."

   The instructions that follow make certain assumptions about how OLE clients work. A few OLE client applications may work differently. If so, check the documentation for your application to find out how it works with OLE objects.

To record and embed a voice note:

1. In the client document, place your cursor at the desired destination for your voice note.

2. Get ready to speak into the microphone.

3. Activate Say It by pressing the Hot Key, [CTRL]-R. The Say It screen will appear and recording starts immediately.

4. Speak into the microphone.

5. When you've finished speaking, click on the "Accept" button.

6. Say It will return to its minimized state and your voice note will be automatically embedded at the destination point you selected. A copy of the Say It icon will mark the location of your voice note.

To play a voice note:

In the client document, double-click on the Say It icon, or select the icon and choose "Say It Object", then "Play" from the document's Edit menu. You will hear the voice note play.

Level Control (Lvl)

Sometimes all you want is a quick way to adjust volume or balance. This little utility takes almost no screen space, does the job with a minimum of fuss and works with all your Windows sound applications.
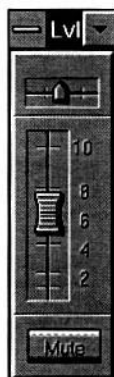
To operate Level Control:

1. Run Level Control, if necessary.

2. If Level control is minimized (i.e., appears as an icon), double-click on its icon or type its hot key combination. (Default is [Ctrl]-L)

3. To set the playback level, drag the volume slider up or down.

4. To adjust the left/right balance, drag the balance slider from side to side.

5. To temporarily silence all sound, click the Mute button. Click the Mute button again to restore sound output.

6. When you've finished making your adjustments, you can:

   • Leave Level Control on your desktop.

   • Click once on the Minimize button to re-minimize Lvl to an icon.

   • Double-click the System menu button to close Lvl. If you want to use Lvl again, you must restart it.

You might also want to launch Lvl as a minimized application. When run this way, it appears as an icon on your Windows desktop until you press a **hot key** combination (a short sequence of keystrokes) to activate it. The default hot key combination is [Ctrl]-L. You can change this combination any time you wish.

To change the Hot Key:

1. From the System Menu, select Hot Key. A dialog box will appear.

2. Use the check boxes to turn Alt or Shift on or off as desired. (The Hot Key combination always includes the Control key).

3. To change the letter, drag your cursor across the character in the Key box to select it. Type a single letter or numeral of your choice. You can not use punctuation or other special characters.

4. Click OK.

Sound Event

Add Sound Effects to Windows. Trigger the .WAV sound of your choice any time you move or re-size a window, press a certain key on your PC keyboard, run a program, and more!

Sound Events is easiest to use if you place it in your Startup group so it loads automatically and begins watching for Windows events. (The installation program may have done this for you already.) If Sound Events doesn't start automatically, you'll need to start it as you would any Windows application, in order for it to work.

Once you've configured Sound Events, it works unattended so you'll probably want to modify its program item Properties to run it as a minimized application. For information on adding programs to your Startup group and changing program item Properties, refer to your Windows Users Guide.

To assign sounds to system events:

1. Run (or maximize) Sound Events by double-clicking on its icon.

2. Click on one of the five event Category buttons at the upper left of the window. The Events box will display the list of available events in that Category.

   If you choose Programs, a dialog box will open from which you can select from among your installed Windows applications.

3. Select the event or program to which you'd like to attach a sound.

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4. In the Sounds Dialog Box at the bottom of the Sound Events window, navigate to the .WAV file you want to associate with the event that you selected in the previous step.

To hear a .WAV file, highlight it and click on the Audition button. If the Auto Audition button is activated, you'll hear each file play as you highlight it.

5. Continue the process above, selecting events and .WAV files to go with them. Your choices are automatically saved as you make them.

6. When you're finished, Click OK.

To remove sounds from events:

1. Follow the procedures described above to select the Category and Event.

2. From the Sounds list box, choose <<none>> as the sound.

Audio Calendar

Calendar/Scheduler

Use text, voice messages and audio alarms to keep track of your daily appointments. Audio Calendar displays an entire month with special events noted. A quick double-click gives you a closer look at any day's activities.

Display:

- **Month View Display:**

Month View displays all the days of a particular month arranged in a familiar grid fashion, just like a desk calendar. You can choose between two display modes:

Window mode: In Window mode, the Month View acts as a window which can be sized, minimized, or maximized like most other Windows programs.

Blotter mode: Audio Calendar resembles Windows Wallpaper; it fills your entire Windows desktop and remains behind any other applications, windows, or icons.

- **Day View Display:**

  The Day View gives you a more detailed look at each day's activities.

  To access the Day View:

  1. If necessary, scroll to the desired month as described above.

  2. Double-click on the square representing the desired day.

  3. Once you're in the Day View, you can switch to another day by choosing Next, Prev, or Go To... from the View menu. Shortcut: Click on the scroll arrows at the upper right of the appointment list to move forward or backward by one day.
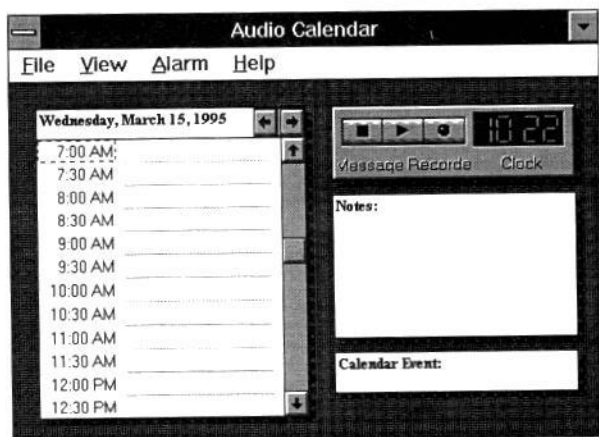
  To return to Month View:

  Choose Close from the Day View's File menu, or double-click the system menu button in the upper left corner.

Calendar Events

  Text you type in the Calendar Event window appears in the corresponding square of the Month View.

  To insert a calendar event:

  1. Enter the Day View for the desired day.

  2. Click on the Calendar Event box.

3. Enter a line of text.

Appointments

You can enter an appointment for any half-hour increment of time, and attach various types of reminders and messages to each one.

To enter an appointment:

1. Access the Day View for the desired day.

2. If necessary, use the scroll bar to bring the desired portion of the day into view.

3. Select a line in the appointment list and enter a brief title for the appointment.

Text Notes

You can attach a more detailed text note to each appointment.

To attach a text note to an appointment:

1. Select the desired appointment.

2. Click on the Notes box and enter your text. There is space enough for about 165 characters.

A pencil icon identifies each appointment that has attached text. To view the note for an appointment, highlight the line in the appointment window.

Alarms

You can set an alarm for any appointment at any time. When the alarm goes off, a window pops up, displaying the appointment, its time and its text note, if you entered one.

For all this to happen, Audio Calendar must be running at the time the alarm is set to go off. (It's OK if Audio Calendar is minimized.) If Audio Calendar is not running at the time, a message will alert you to the expired alarm the next time you run Audio Calendar.

To set an alarm for an appointment:

1. If necessary, use the scroll bar to bring the appointment time into view.

2. Select the appointment time and choose Set from the Alarm menu. The bell icon will appear on the line next to the appointment. Shortcut: Double-click on the appointment.

3. To remove an alarm, choose Set again from the Alarm menu, or double-click on the appointment.

Audio Calendar can remind you of appointments up to one hour in advance. This global control affects the alarm time for all of your appointments.

Audio Screen Saver

Add music to the Windows screen saver. Play a single MIDI song file, or one of your AudioStation MIDI file playlists.

Adding Audio to Screen Savers

The Voyetra Audio Screen Saver is not a separate application nor does it have its own icon. Instead, you just add a few extra steps to the procedure you'd normally use to set up the Windows 3.1 screen saver. Because it works in this way, the Voyetra Audio Screen Saver is compatible with any screen saver that you can configure from the Windows Control Panel, such as those in the Microsoft Entertainment Pack. Refer to your Windows documentation if you need details on configuring screen savers.

To configure the Audio Screen Saver:

1. Open the Windows Control Panel in the **Main** group.

2. From the Control Panel window, double-click on the Desktop icon Desktop.

3. In the Screen Saver area, open the Name list box and select Voyetra Audio.

4. Click on the Setup button. The Voyetra Audio Screen Saver Configuration dialog box will appear.

5. Choose a screen saver from the drop-down list.

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┌─────────────────────────────────────────────────────────────┐
│ ⊟            Audio Screen Saver Setup                        │
├─────────────────────────────────────────────────────────────┤
│                                                             │
│  Screen Saver  [Flying Windows      ]  [±]   [ Setup... ]   │
│                                                             │
│  Midi File / Playlist  [D:\MIDMUSIC\BASELEVL\60S_]  [Browse...] │
│                                                             │
│              [   OK   ]        [ Cancel ]                   │
│         Copyright (C) 1993, Voyetra Technologies, Ver 1.03  │
└─────────────────────────────────────────────────────────────┘
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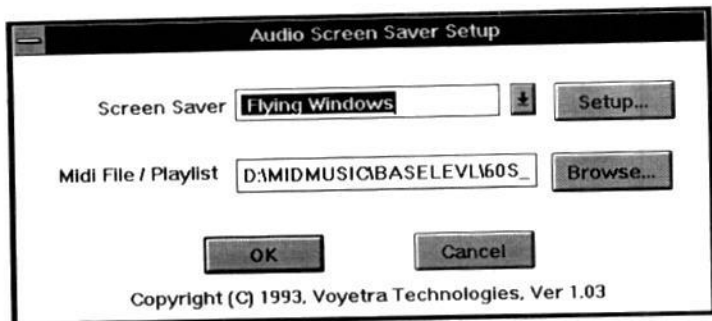
If you wish to customize the screen saver parameters, click the Setup button and choose the color, size, speed, etc. as you ordinarily would.

6. Click on the Browse button.

7. In the Open file dialog box, choose the desired file type: MIDI File or Voyetra MIDI File Playlist.

8. Navigate to the drive and directory where your MIDI files and/or Playlists are located, double click on a file or playlist and click OK.

9. If you wish, adjust the delay or any other parameters in the normal fashion.

10. Click on the Test button. The screen saver's graphics should now be accompanied by a MIDI song file.

If you select a playlist, the Audio Screen saver will choose a song in the list at random and play the list, starting with that song. The starting song will vary each time the screen saver is activated. For information on creating and saving a MIDI file playlist, refer to the AudioStation chapter.

VideoStaion

VideoStation offers an easy way to select and play Video files in the AVI (Audio/Video Interleaved) format used by Microsoft Video for Windows. VideoStation have been highly optimized to give a smooth full screen full motion video playback even on a slow computer. Its intuitive interface makes it easy and fun to play Video files on your PC.

What you need to use VideoStation:

- An IBM PC or compatible, with a 386SX or better processor.

- At least 2 Megabytes of Random Access Memory (RAM).

- A VGA monitor and adapter.

- A hard disk drive with a minimum capacity of 30 Megabytes (80 or more megabytes recommended).

- A Sound Card that has digital audio capability. i.e. Sound Source MAD16 Pro Sound Card (for the audio portion of .AVI files).

Microsoft Video for Windows (for the video portion of your .AVI files). A run-time version is included with VideoStation. A CD-ROM drive is highly recommended.

The drive should have an access time of 1 second or less, and a data transfer rate of 150 kilobytes per second or faster.

NOTE: An MPC, or Multimedia Personal Computer (as defined by the Multimedia PC Marketing Council, Inc.) includes all the hardware necessary to run VideoStation.

Screen Displays and Controls

Main Screen

VideoStation's screen resembles a combination television and videocassette recorder. Various displays keep you informed as each selection in your playlist is shown.

Displays

File Info Window	A summary of the current file's characteristics: Filename, DOS path, Video format and the sample rate and bit length of the file's audio.
Video	Shows which file in the playlist (by number) is currently playing.
Play/Pause	Indicates when VideoStation is playing or paused.
Timer	Displays elapsed time, measured from the beginning of the current video file, in minutes:seconds.
Playback Mode	Indicates which of the four playback modes (Playlist, Shuffle, Loop or Single) is currently selected.

Controls

On/Off (I/O)	Closes VideoStation.
Help Button	Activates VideoStation's online help.
Playlist Button	Opens the Playlist window.
Volume Slider	Controls playback level of the sound portion of the file.
Playback Mode	Toggles through four Playback modes; Playlist, Shuffle, Loop and Single. The current mode is displayed at the far right of the Timer.
Transport Controls	VideoStation uses transport controls common to many Voyetra applications. Their operation is explained in the included "Common Controls" file.

Playback Options

Window/Full Screen	Allows you to display videos in the window or to use the entire screen.
Zoom by 2	Shows the image doubled in size. Only the middle portion of the video is shown in this mode, the edges are cropped.
Skip Video if Behind	When active, permits VideoStation to skip video frames if the computer system cannot keep up with the data rate requirements of the .AVI file. This option helps to preserve sound quality, but at the expense of video.

The Playlist Window

The first step in using VideoStation is to construct a playlist of the files you'd like to see.Click on the Playlist button at the lower left of your screen to open the Playlist Window. In the Playlist Window you can create, edit and save as many playlists as you wish.

Files box

The Files box at the left of the Playlist Window has two windows for browsing through files and directories. It operates just like any Windows "File open" dialog box. Use it to navigate among drives, directories and files in your system, and to select the files you wish to place in the playlist.

Playlist box

Once you've created a list of files in the Playlist box at the right of the playlist window, you return to the main screen. Click on the Play button to play the Video files in the Playlist.

ImageStation

Built around an interface that looks like a 35mm slide viewing table, ImageStation offers a quick and easy way to create presentations and slide shows on the PC.

Main Screen Layout
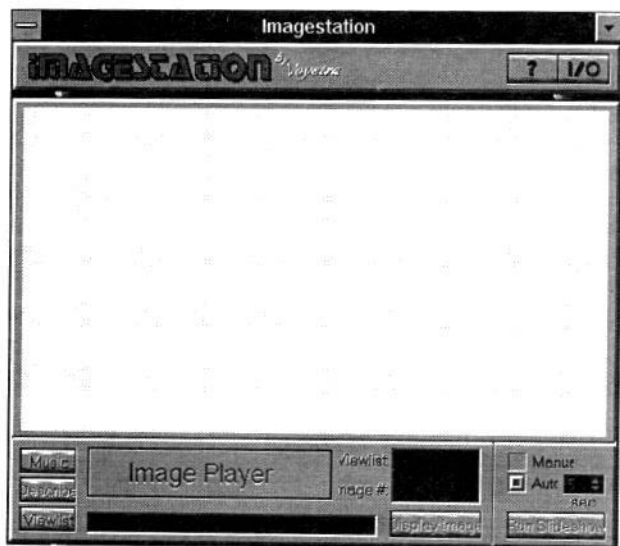
ImageStation's Main Screen displays your graphic images along with readouts of their file names, statistics and descriptions, and incorporates controls which let you work with groupings of slides, called Viewlists, add sound to them and, finally, play the Viewlist as a slide show.

Displays

Slideview Window

Displays scaled down, or thumbnail, views of your graphic image files that look like mounted 35mm slides. If there are more than eight slides, a scroll bar appears at the right side of the window so that all can be viewed.

To select a slide, click on it. A red border appears around the image. To view the selected image full-screen, double-click anywhere on the slide or click the "Display Image" button below the Slideview window. The small microphone at the top of the slide enables you to add sound which will play back during the Slide Show.

Viewlist

Displays the name of the current Viewlist selected in the Viewlist dialog box. If you haven't yet saved the Viewlist under a unique filename, this entry will read: "Untitled."

Image

The first number shows the position of the selected slide in the Viewlist. The second number, after the colon, shows the total number of slides in the Viewlist.

Description Window

Shows the filename of the currently selected slide followed by any descriptive text you may have entered.

Buttons

Power Closes the program.

Help Opens ImageStation's help system, complete with graphics and explanations of all the different screens you'll encounter in the program.

Music Opens a dialog box allowing you to choose a MIDI file or CD audio track to play as background to your slide show.

Describe Opens a dialog box in which you can enter a brief text description for each image.

Viewlist Opens a dialog box in which you can create, edit and save Viewlists.

Display Image Displays a full-size image of the currently selected slide, in full screen mode, same as double-clicking on the slide. To return to Slideview, click anywhere on the screen.

Run Slideshow Displays each image shown in Slideview, starting with the currently selected slide.

Manual/Auto If you select "Manual", the display will pause after each slide until you click the mouse. In "Auto" mode, all the slides will play starting with the currently selected slide. The arrows to the right of the "Auto" check box allow you to set the interval between slides in seconds.

To create a Viewlist:

1. Click on the Viewlist button at the lower left corner of the screen.

2. Navigate to the graphics files you want using the drive and directory boxes. Click on a file to select it. Hold down the Control key to select multiple files.

3. Click the Add button. The selected files will appear in the Viewlist box. Click OK. The "Create Thumbnails" screen apears. When all the slides have been created, the main screen is restored.

To run a slide show:

1. Select the thumbnail for the image you want to appear first in the slide show.

2. Select a mode: Click on the Manual or Auto button at the lower right.

3. Click the Run Slideshow button. Each image will be displayed in order, beginning with the selected image, and continuing to the end of the Viewlist.

Supported Graphic File Formats

ImageStation supports most the of the graphic file formats in current use. See the list below for details.

Format	DOS File Extension
Windows Bitmap	*.bmp, *.rle
Zsoft PCX	*.pcx
Kodak Photo CD	*.pcd
CompuServe GIF	*.gif
JPEG	*.jpg, *.jff, *.jtf
TARGA	*.tga
Tagged Image File	*.tif
CALS Raster	*.cal
MacPaint	*.mac
GEM Image	*.gem
Microsoft Paint	*.msp
WordPerfect Graphics	*.wpg
SUN Raster	*.ras
Macintosh PICTURE	*.pct
PostScript Raster+	*.eps
LEAD	*.cmp

+ ImageStation can only display the raster image header included in an .EPS file. Not all .EPS files contain image headers.

SoundScript for Windows

Combine animation, bitmapped graphics, digital audio, MIDI song files and CD audio tracks to create exciting multimedia presentations.

Main Screen Layout

	SoundScript - DEMO.PSN				
File Edit Help					

	Cue	Graphics	Digital Audio	MIDI	CD Audio
1	Wave	SSLOGO.FLC Delay: 0:01.39 Loop: 1 Speed: default	SS1.WAV Delay: 0:02.66 Loop: 1	SSJAM.MID Delay: 0:00.00 Loop: 1	
2	Wave	SSLOGO2.FLC Delay: 0:00.18 Loop: 1 Speed: default	SS2.WAV Delay: 0:00.00 Loop: 1		
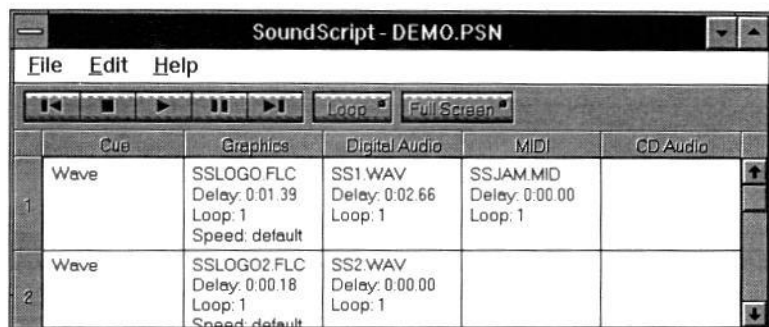
Controls and Displays

Transport Controls

SoundScript uses Transport Controls common to many Voyetra Windows applications. The Previous and Next buttons move you from scene to scene.

Loop Button Sets presentation to play repeatedly.

Full Screen Toggles full screen mode, which uses the entire screen to display your presentation.

Work Area

Scenes Each numbered row comprises one scene a related group of visual and sound events. A presentation is made up of one or more scenes.

Cues A type of event that signals the end of the current scene and triggers the next.

Events A cue, a graphic displayed on the screen or a segment of sound.

To open and run the sample presentation:

1. Choose open from the File menu and navigate to the directory that contains Soundscript.

2. Double-click on the DEMO.PSN file to open the sample presentation.

3. Enable the Loop and Full screen buttons. (The green buttons should be on.)

4. Click on the Play button. As the sample presentaiton runs, you'll see animations and graphics accompanied by .WAV sounds (narration) and MIDI (music).

To create a presentation, refer to the tutorial in the Online Docs for more details.

VoiceNet

Voyetra Network Mail for Novell LANs® Send text and audio electronic mail among users on a Novell®Netware® 2.x, 3.x, or 4.0 Local Area Network (LAN). Portions of this program Copyright© 1983-1993 Novell, Inc. All rights reserved.

Screen Layout
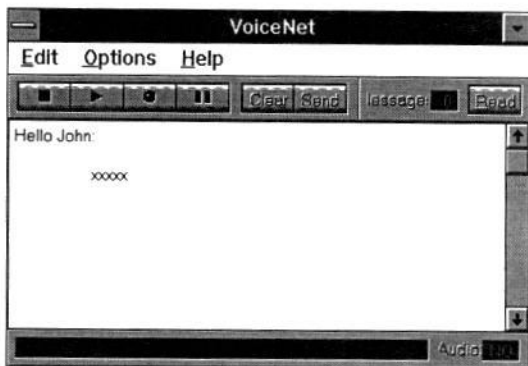
Displays and Controls

Transport Controls:

VoiceNet uses Transport Controls common to many Voyetra Windows appli-cations.

Clear Button	Clears the text message screen and optionally erases the current audio message.
Send Button	Displays the Send Mail To... dialog box in which you select one or more recipients for a message.

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Message Counter	Displays the number of incoming messages waiting to be read.
Read Button	Displays the next incoming message in the work area. Messages are read in the order in which they were received.

Work Area

Displays incoming text messages and lets you enter your own text messages.

Status Display

Status window	Displays the current status of VoiceNet's audio transport (Playing, Recording, Record Standby, Paused).
Audio window	Indicates whether the current message includes audio (YES or NO).

Hardware and Software Requirements

For VoiceNet's text functions to work, both the sender and the recipient must have properly installed copies of VoiceNet, and both must be able to log onto the same Novell®, Netware®, 2.x, 3.x, or 4.0 Local Area Network (LAN).

If you are not logged onto a Novell network and you try to run VoiceNet, you'll receive the message, "Cannot find NETWARE.DLL." VoiceNet will run and you'll be able to create a message, but you won't be able to send it to anyone. Log onto the network and start VoiceNet again. If the error message persists after you've logged onto your network, consult your system administrator.

Please note that the copy of VoiceNet bundled with this sound card may be installed and used on a single computer at any given time. Important information for your network system administrator about licensing, installing and configuring VoiceNet is included in the Online Doc.

Note: Because VoiceNet places messages on the network server, privacy cannot be assured. Experienced users will be able to read pending messages.

Tips for Running VoiceNet

VoiceNet is easiest to use if you place it in your Startup group so it loads automatically, ready to receive messages. (The installation program may have done this for you already.) If VoiceNet doesn't start automatically, you'll need to start it, as you would any Windows application, in order for it to work.

When you're not using VoiceNet to send or read messages, it's best to keep it minimized as an icon on your Windows desktop so you'll be notified of any incoming mail right away.

Note: For more information please refer to the on-line manual and tutorial.

Online Docs

The On-Line Documentation provides an easy and quick way to acess the Voyetra Software manual. Just click on the icon, and it brings you a fully detailed manual and tutorial.

CD-ROM Gallary

We have included a Multimedia Gallary with the Voyetra Multimedia Software. It consists of more than a hundred megbytes of multimedia information, including video clips, picture images, MIDI songs etc. Simply select your CD-ROM drive in the application to access them. The CD-ROM has the following directories:

\AVIFILES	.avi video clip files
\IMAGES	.tif and .bmp image files
\ISDEMO	.gif .wav file
\MIDMUSIC	.mid music files
\SSDEMO	.wav, .mid, flc, fli files
\WAVFX	.wav sound files

MULTIMEDIA SOUND SPECIALISTS