

Applications

Broadcast

EarthWatch®

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The EarthWatch® 3-D Weather System is a meteorologically accurate weather presentation tool containing GIS information and 3-D terrain data for the entire world. Create stunning 3-D flybys and weather animations. Integrate digital satellite base map imagery from Landsat or Spot Image Corporation. Simulate sunrises, sunsets, fog and air pollution, rain, lightning, shadow and sky color effects. A direct-readout satellite EarthStation™ option provides unlimited visible and infrared satellite imagery absolutely free of charge. EarthWatch® is used in television broadcasting, cable news and post-production for complete coverage of past, present and future weather events.

EarthWatch® runs on SGI Indigo2™ and Indy™ Workstations.

IRIX version compatibility:

NewsVision™

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NewsVision™ is a powerful news mapping tool containing every road and address in your United States metropolitan area. A Geocoder allows immediate location of specific addresses. Create 2-D and 3-D maps, in seconds, for any location on Earth. A comprehensive GIS database is available allowing users to display city names, roads, rivers, lakes, airports, railroads, utility lines and more for the entire world. Integrated Spot Image, A VHRR and Landsat digital base map imagery is available. Architect designed 3-D city skyline models provide a powerful option for displaying breaking news events in your local area.

NewsVision™ runs on SGI Indigo2 workstations.

IRIX version compatibility:

StormWatch™

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StormWatch™ automatically displays severe weather information from the National Weather Service. Custom video base maps include GIS information with city names, highways, roads, lakes, rivers and railroads. A computer generated crawl scrolls with specific information about warning areas. An audio narration of crawl information is also generated from digitized voice recordings of your weather personnel. Any number of digital voice recordings can be stored in the System. Our StormWatch™ Plus option allows complete severe weather coverage for the entire continental United States.

StormWatch™ runs on SGI Indy Workstations and is used in satellite, television broadcast and cable wether coverage applications.

IRIX version compatibility:

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WEATHERproducer™

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WEATHERproducer is a sophisticated meteorological workstation and broadcast graphics system which provides weather information tailored to the needs of broadcast television stations while consolidating many real-time weather data types such as satellite, conventional and NEXRAD radar imagery, text, lightning and DIFAX information into one unified system. The unique interface gives the user the capability to tailor desktops, create folders and configure displays, resulting in a completely customized work environment. With extensive alert and event processing filters, only the most critical data reaches the desktop. The presentation system utilizes the latest technology from SGI to present highly sophisticated animation at real-time video rates.

IRIX version compatibility:

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