



AVITECH

Company and Product Profile

Q3 2011

Mission statement

At Avitech International Corporation, we pledge to serve our customers' needs by continually improving and expanding our product portfolio. Avitech strives to create a vibrant, open work environment for our employees and to provide unparalleled service for our customers, suppliers and partners.

What we do

Avitech was founded in 1995 to address the growing problems faced in monitoring. We focus exclusively on the design, development and manufacture of **multiviewers** and their enhancing peripherals. With over 15 years of experience in the field and over 16,000 units in private and public sectors, Avitech is a leading pioneer of multiviewing technology.

Company overview

- Exclusively design, develop and manufacture multiviewers and peripherals
- Pioneer of multiviewing using our Application Specific Integrated Circuit (ASIC) design
- Over 15 years of experience with multiviewing technology and over 16,000 units in private and public sectors



Timeline

Avitech founded

Launched open and distributed architecture to achieve No Single Point of Failure

Launched the Media Control Center series (MCC)

Introduced ASIC Design

1995

1997

1999

2001

2003

2005



Featured editorial front page coverage on Television Broadcast, Oct 2000 Issue, first ever editorial coverage in trade magazine about multiviewers

Showcased world's largest Virtual Monitor Wall (120x50" screens) in Tulsa, OK

Introduced first Virtual Monitor Wall at NAB 1995

Introduce touchscreen compatibility for Sequoia 4H

MCC 8004

Rainier series

ACC 8000

Rainier series wins Rental & Staging “Best Video/Broadcast or Video/Streaming Product Award” at InfoComm 2001

MCC 8001U
Image Scaler

MKC series

2005

2007

2009

2011

Rainier HD

TACP 100

MCC 8004Q Fixed
Quad Split

Reorganized product lines into: Titan (formerly VCC), Sequoia (formerly MKC), Seneca, Phoenix and Rainier

VCC 8000

Achieved RoHS Compliance*



*An environmental standards test for PB, cadmium, mercury and other metals

Target markets

Professional Audio-Visual

- Command and control
- Medical observation/operating rooms
- Video conferencing
- Home theater
- Streamlining AV workflows
- Distance education
- Live advertising
- Remote monitoring
- Rental and staging
- Houses of worship

Broadcasting



Above: Outside broadcast production van interface using Avitech products.

- Live production
- Mobile (OB) vans
- Network control centers
- Satellite transmission sites
- Newsroom automation
- Playout and master control, playout automation
- Multichannel radio broadcasting

Information Technology



Above: Medical equipment interface using Avitech products.

- Data centers, server rooms and server farms
- Network operation centers
- Production facilities
- Emergency operating centers
- Transmission control rooms
- Classrooms
- Distance learning centers

Security and Surveillance

- Live production
- Network control centers
- Government facilities
- Law enforcement
- Corporate/residential surveillance
- Traffic management

“ Avitech products provide the ultimate in signal monitoring flexibility. All of the video signals in your facility can be monitored through one easy-to-configure integrated hardware solution. ”

- Jim Boyd, Northwest Regional Sales Manager

Customer sampling



Son - Éclairage - Vidéo



Selling points

Open and distributed architecture: No Single Point of Failure technology and redundant power supply options ensure high product reliability and performance consistency.

Scalability and easy accessibility: Products can be integrated into larger systems or scaled down into smaller systems. Intuitive user interface offers simple, fast configuration.



Best quality to price ratio and outstanding customer support: Our innovative product designs are coupled with affordable, reasonable prices. We provide highly effective and responsive customer service and support, and we guarantee that your experience with Avitech is productive, convenient and rewarding.

Product series overview

Titan

The Titan series multiviewers display industry-recognized, high quality computer and video inputs on one or multiple screens.



Sequoia

The Sequoia series adds another dimension of versatility to multiviewing with the integration of a switching function for mouse/keyboard control, and audio and USB hubs.



Seneca

The Seneca family of peripherals enables facility-wide integration and ensures consistent and powerful performance out of your existing Avitech products.



Phoenix

The Phoenix family includes versatile, easily configurable human interface devices and graphical user interface programs.



Rainier

The Rainier series features high quality multiviewers exclusively for processing HD/SD-SDI/CV video signals.



Titan

Flexible, modular design:

- Cascade up to 8 units (32 DVI-I and 32 CV and HD/SD-SDI video inputs)
- Combine with Sequoia Station to utilize mouse/keyboard control
- No Single Point of Failure ensures that a single module failure does not crash the entire system

Wide support for inputs:

- DVI-I and/or Analog HD YPbPr up to 1080p or 1900x1200
- PAL/NTSC and HD/SD-SDI up to 1080i
- DVI-I output resolutions up to 1900x1200

Simple configuration:

- Configurable by Phoenix-G through serial or Ethernet ports
- Compatible with Phoenix TACPs
- ASCII commands for third party integration

Sequoia

Efficient integration:

- Combines multiviewer with mouse/keyboard control functions
- Allows users to monitor and control multiple systems simultaneously using a single set of display, mouse and keyboard

Multiple system variations:

- Integrate the Sequoia Station with Titan modules to add mouse/keyboard control
- Operate as a standalone unit (up to four inputs) or control cascaded units with one set of mouse/keyboard

Interactive OSD:

- Dynamic labels, 3D borders, pop-up menu controls and active window indicators
- Full freedom to position, resize and access display windows

Sequoia Station

Overview:

- Integrate with Titan multiviewers to enable mouse/keyboard control functionality
- Maximum of 16 CV, HD/SD-SDI and 16 DVI inputs when cascaded with 4 Titan 8000U units
- DVI/VGA output
- Supports grouping by allowing cascaded modules to output to different monitors
- Cascade systems for single- or multi-display configurations
- Seamless OSD and GUI integration
- Easy set up and configuration

Sequoia 2x2V

Overview:

- Two VGA/DVI-I/YPbPr and two CV/HD/SD-SDI (BNC) inputs
- One HDMI output (DVI output with adapter)
- Control and oversee up to four computer and video sources on a single monitor
- Fanless design allows for a noiseless operation
- Integrated USB hub, speakers, microphone and switching function for mouse/keyboard control
- Communication cascade with other units (and the 4H and the upcoming 2H2V) to monitor more than four inputs with a single mouse/keyboard set



Sequoia 4H

Overview:

- Four HDMI inputs
- One HDMI output
- Supports touchscreen functionality
- Desktop or rack mountable design
- Integrated USB hub, speakers, microphone and switching function for mouse/keyboard control
- Communication cascade with other units (and the 2x2V and the upcoming 2H2V) to monitor more than four inputs with a single mouse/keyboard set



Seneca

Seneca-X (Extender):

- Fiber model transmits HDMI/DVI, sound and USB connectivity over distances of up to two kilometers
- CAT6 model transmits an analog WUXGA 1080p image and USB connectivity over distances of up to 100 meters

Seneca-C (Converter):

- HDMI/DVI-I/CV/SD-SDI to HD-SDI converter with scaler for a wide variety of signal types and formats
- HD-SDI to HDMI/DVI conversion with scaler, graphics elements for lable, meters, safe area graticule and analog audio output



Phoenix

Phoenix-Q (Quasar):

- Newest configuration software, designed on Microsoft Visual Studio
- Compatible with all Avitech modules

Phoenix-G (formerly Galaxy software):

- Provides easy user configuration for all Avitech modules

Phoenix TACP:

- Custom touchscreen control panel to streamline control of up to 120 modules
- Rack mountable and configurable via a proprietary software program



Rainier Essentials

Compact, modular design:

- Cascade up to 4 units together
- Available in stand alone or cascaded configurations
- Compact ½ RU design allows for flexible arrangements
- No Single Point of Failure ensures that a single module failure does not crash the entire system

Wide support for video inputs:

- Video inputs on 4 BNC and 1 DVI-I input per module
- Series supports auto-sensing CV/HD/SD-SDI, DVI-I and/or Analog HD YPbPr up to 1080p or 1900 x 1200
- DVI-I output resolutions up to 1900 x1200

Simple configuration:

- Configurable by Phoenix-G through serial or Ethernet ports
- Compatible with Phoenix TACPs
- ASCII commands for third party integration

Contact us



Morris Gong, Founder and CEO

8655 154th Avenue Northeast
Redmond, WA 98052
U.S.A.

T: 1-425-885-3863

T: 1-877-AVITECH

F: 1-425-885-4726

info@avitechvideo.com

sales@avitechvideo.com

<http://avitechvideo.com>