



# ATRadio<sup>®</sup> 2 - VCS Simulator

## An ATC Simulation Product

**ATRadio 2**, a product of UFA, the experts in Air Traffic Control (ATC) Simulation, is a software application that utilizes Voice Over IP technology to simulate a Voice Communication System (VCS) in Air Traffic simulation environments. It is designed to model pilot and controller radio and ground based intra-facility and inter-facility communication. In combination with UFA's ATJackbox™ product, commercial off the shelf workstations, and touch screen LCD displays, ATRadio 2 provides an authentic replication of the ATC communications environment while offering a wide range of functions that enhance the quality of ATC simulations.

### Radio Communication

- Unlimited radio channels
- Fixed, emergency, and programmable channels
- Per channel transmit/receive mode selection
- Per channel transmit and receive activity indicators
- Push-to-talk (PTT) activated transmission on single or multiple channels
- Retransmission
- Receiver switch-off while transmitting at controller position

### Ground Communication

#### Landline

- Manual and Speedial calling
- Conference calls
- Call queuing
- Call holding
- Automatic answer/hang-up option
- Crash phone simulation

#### Intercom

- Press and talk based direct speech



### Additional Features

- Includes configuration editor suite to customize and adapt general screen appearance and exercise specific content.
- User definable tones.
- Support for one or more roles at each pilot position
- Remote monitoring of all communications at any controller (trainee) position.
- Dynamic reassignment of facilities to controller positions during running exercise.
- Voice recording/Replay based on exercise, integrated in exercise recording or separately.
- Multiple independent exercises may be supported with a single LAN.
- Support for a wide variety of hardware configurations (headsets, loudspeakers, PTT switches).
- Compatible with UFA's ATVoice® Voice Recognition and Response product.
- Standard TCP/IP communications and telephony protocols (SIP, SDP, RTP)
- Interoperability with external IP based phone systems.
- Special functions may be implemented by request of customer.



# ATRadio® 2 - VCS Simulator

## An ATC Simulation Product

### Additional Information and Demonstrations

To obtain additional information or arrange for a demonstration please contact any of the following:

<b>UFA, Inc.</b> 12 South Summit Avenue Suite 220 Gaithersburg, MD 20877 USA Mr. Rajiv J. Sood +1 301 216 2717 <a href="mailto:soodr@UFAinc.com">soodr@UFAinc.com</a>	<b>UFA, Inc.</b> 18 Commerce Way Suite 4000 Woburn, MA 01801 USA Mr. Richard Collier +1 781 932 5600 x104 <a href="mailto:rcollier@UFAinc.com">rcollier@UFAinc.com</a>	<b>ATCSim GmbH</b> Innovapark 20 D-87600 Kaufbeuren  Germany Herr Peter Bischof +49 8341 916080 <a href="mailto:Peter.Bischof@UFAinc.com">Peter.Bischof@UFAinc.com</a>	<b>ATCSim, GmbH</b> Carl-Zeiss-Strasse 41 D-55129 Mainz-Hechtsheim  Germany Herr Axel Seitz +49 6131 250 533 30 <a href="mailto:axel@ATCSim.de">axel@ATCSim.de</a>
--	---	---	---



ATVoice® is a registered trademark of UFA, Inc.  
ATRadio® is a registered trademark of UFA, Inc.  
ATJackBox™ is a trademark of UFA, Inc.