

## eCall Initiative



www.airbiquity.com

## Airbiquity



### Cost Effective Software Solutions for Mission-Critical Communications

- Airbiquity's proven technology has been selected and deployed by the world's largest automotive manufacturer (General Motors)
- Over 1.5 million units in service today, Over 3 million by end of 2005
- Airbiquity's servers are handling thousands of safety and security calls per month

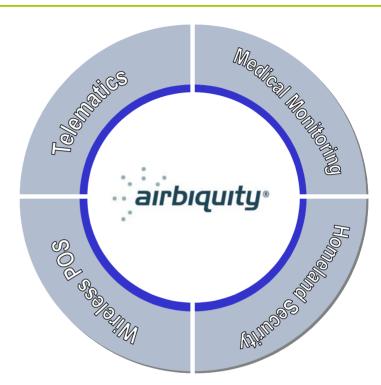
Monthly average of OnStar responses for	
March 2005 includes:	
400	stolen vehicle locations
800	air bag notifications
4,500	Good Samaritan calls
13,000	emergency calls
22,000	remote vehicle diagnostics
20,000	roadside assistance calls
35,000	remote door unlocks
300,000	routing calls
7,000,000	OPC Calls Source: OnStar web site







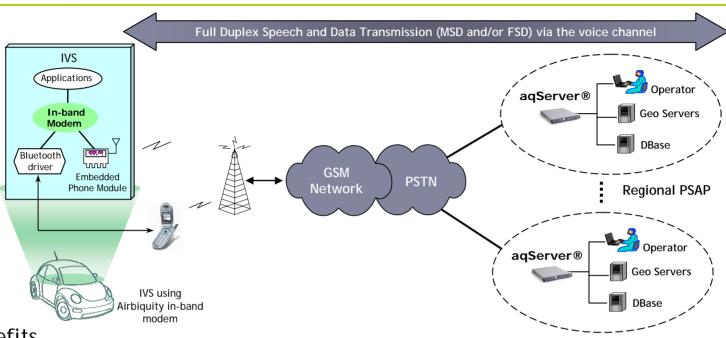
Airbiquity's technology enables transport of high value information from the customer to the data/call center of ASP through any digital or analog cellular network. Airbiquity's aqLink software has been selected by OnStar®, the largest telematics provider in the world, for delivery of time-critical safety and security features.



Ubiquitous and reliable wireless transport leveraging existing mobile communication infrastructure







### Benefits

- Instantaneous transmission of MSD/FSD using established voice channel
- Works seamlessly across multiple carriers with no impact to roaming agreements
- Full-Duplex, acknowledged delivery of MSD/FSD to PSAP
- Fast and Reliable transmission of MSD (22 bytes in less than 1.5 seconds)
- Supports switching between voice and data modes
- Leverages existing carrier infrastructure without carrier upgrades or provisioning
- Flexible and Scalable server architecture supporting centralized and distributed network implementations
- Supports payloads of up to 1024 bytes
- Technology agnostics, longevity, and future proof
- Platform independent supporting IVS with embedded phone module and external mobile phone

# Airbiquity's Modem



### **Highlights**

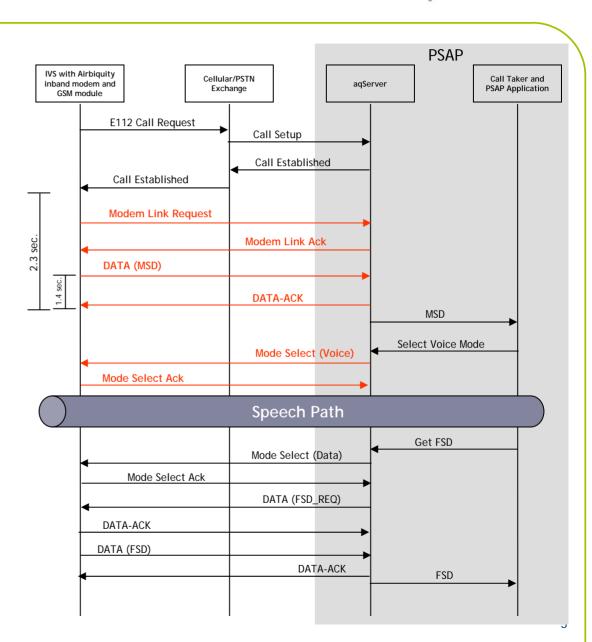
- Client and Server Architecture
- Flexible client software framework for integration onto multiple platforms
- VoIP based Server Implementation using carrier class equipment

### **Benefits**

- Small processor and memory footprint
- Optimized for delivery of time-critical telematics data and transactions
- Extensively field tested and deployed

#### **Features**

- Delivery of voice and data over the same medium
- Supports full suite of GSM Vocoders
- Reliable layer 2 functionality with FEC, CRC and ARO
- Supports applications payloads of up to 1024 bytes
- Symmetrical and Full-Duplex Operation



# Summary



- Cost effective solution for quick Pan-European eCall deployment
- No capital or operational impact to carriers and telcos
- Ready for Deployment
  - Field proven technology playing a role in saving lives everyday in USA and Canada

Airbiquity proposes its technology as a solution for delivery of MSD and/or FSD to PSAP for eCall and is prepared to work with E-MERGE, e-safety, eCall, appropriate ETSI bodies, and other key stake holders in adoption and standardization of the solution





Kamyar Moinzadeh, President and CEO

Phone: +1.206.219.2816

Email: kmoinzadeh@airbiquity.com

Leon Hong, VP and CTO

Phone: +1.206.219.2701

Email: <a href="mailto:lhong@airbiquity.com">lhong@airbiquity.com</a>

David Jumpa, VP of Business Development

Phone: +1.206.219.2703

Email: <u>djumpa@airbiquity.com</u>