

## NEWS RELEASE

### TWO PI DELIVERS A NEW PINNACLE IN LISTENING COMFORT!

**Vienna March 27th, 2008** - Two Pi's latest research program has born fruit in a new product that is completing its proven algorithm portfolio for hearing aid platforms. *Acoustic Comfort Optimization (ACO)* relieves transient impulsive noise disturbances highly effectively without negatively influencing speech intelligibility. Thus the algorithm is delivering optimal comfort for a variety of commonplace listening situations.

Performing continuous analysis of signal behavior, ACO is capable of accurately identifying annoying transient noises and separating them from transients in speech. High resolution in time and frequency are the fundamentals for its exceptional performance.

While common noise reduction algorithms do not protect from transient noises like that of clanging dishes in restaurants (they are too short in duration to be detected by conventional noise estimation), ACO successfully overcomes this fact by utilizing generalized signal statistics.

ACO expands Two Pi's high performance hearing-aid algorithm suite including: SWIFT, the dynamic range compression scheme providing only 2,5 ms processing delay, FORMANT BOOSTER, the speech enhancement system promoting a full-bodied sound, as well as superior algorithms for adaptive beamforming, noise cancellation and feedback cancellation.

The complete bundle is available for the Ezairo 5900 platform from ON Semiconductor, exploiting its high computational power and outstanding sound quality. State of the art in its concept, and built at industrial-strength quality, Two Pi's new product bridges the gap providing high-quality features for premium hearing aids.

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