



COMPANY PRESENTATION

June 2004

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A&G Soluzioni Digitali and Partners

A&G Soluzioni Digitali s.r.l.	Pisa, Livorno, Italy
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Clever-E s.r.l.	Livorno, Italy
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SpiritoSound s.r.l.	Roma, Italy
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ZP Engineering s.r.l.	Roma, Italy
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Group of companies

- A&G Soluzioni Digitali (International Patents owner, Marketing, Research and Development)
- Clever-E (Marketing and Software Development)
- SpiritoSound (Testing and Prototyping)
- ZP Engineering (Hardware Development)

A&G's history

1995. Luigi Agostini and Augusto Gentili start up the company. Business starts as Digidesign Dealer. Michela Quilici joins A&G as Accountant. A&G acquire OSC, Gallery Software, INA GRM and Synchro Arts Italian Distribution.

1996. A&G becomes the Apogee Electronics' Italian Exclusive Distributor. A&G leaves retail commerce.

1997. Andrea Valassina, in charge as Manager, leaves Digidesign Italy and joins A&G as Product Manager.

1998. A&G starts Development business joining Rigel Engineering, IRIS, Pisa University and Florence University in the European Community project called E.A.S.Y.

1999. A&G becomes Authorized RAI Radiotelevisione Italiana supplier.

2000. A&G presents the first prototype of IMEASY™ at 109th AES Convention in Los Angeles.

2001. A&G starts to develop TheBat 3D Controller.

2002. A&G starts to distribute IMEASY™ and TheBat worldwide. The first IMEASY™ installation takes place at Engine27 New York, U.S.
(<http://www.engine27.org/facilities hardware.html>)

2003. A&G starts to develop the Spatialisation-X-Series Card for Apogee Electronics Converters and See'n'sound, a software plug-in for Alias Maya, becoming Alias Conductor.

Business Idea

- We shall offer a broad range of high quality pro audio products at attractive prices, focusing on three-dimensional multi-channel audio applications.
- We shall continuously upgrade our products following the requests of our customers, trying to become leading in our products segment.

Our customers' requirements and how to meet them

Our Customers

- Companies focused on distributing audio products for professional installation market.
- Companies focused on distributing audio products for post-production market.

Customer Requirements

1. Reliable quality products
2. Timely deliveries
3. Product support
4. Fast and correct information
5. Competitive pricing

How we meet our customers' requirements

1. We work with well-valued developers and engineers. Our products are based on two own-patented technologies. Our test procedure is austere and unyielding.
2. Reliability in deliveries and communication are some of the important factors when choosing couriers.
3. By virtue of our well-established Internet presence and the experience of our Product Managers we can offer resolving support.
4. Committed and skilled employees.
5. Continuous improvement of quality and working procedures makes our line of products the best solution to all requirements of pro audio 3D installations, at the minor list price on the market.

Our Products

The Spatialisation™-X-Series Card

- State-of-the-art expansion card for Apogee Electronics Rosetta 800/96 converter that provides local DSP power for Spatialisation™ or surround applications.
- The board houses a DSP engine offering more than 1 peak GFLOPs for sophisticated Spatialisation algorithms, all executed in high-precision floating-point for maximum audio quality.
- Firewire400 ports.
- MIDI port.
- The card is capable of processing up to 8 input channels, at a sample rate selectable between 44.1, 48 and 96 kHz, with a word width of 24-bits; a maximum of 8 outputs are handled. Advanced spazialisation algorithms are applied to the inputs in order to provide an immersive, realistic sound experience when reproduced through a multichannel loudspeaker system.
- Amplitude and delays are dynamically adjusted for each output, taking into account the spatial position of the loudspeaker. Algorithms are optimized for surround mode arrangement of speakers too.
- 202 MIDI parameters for real time control. Among the others: LPF Cutoff, HPF Cutoff, ITD and Doppler Depth, Front-Rear Spectral Enhance, Bell factor and more.
- X-Spat Controller Software included. Logic Pro Environment, Sonar 3 Studioware, Steinberg Nuendo e Cubase SX configuration files included.
- Directly compatible with Apple Mac OS X built-in FireWire Core Audio driver. Windows XP WDM/ASIO driver included.
- Free Development kit available upon request.

See'n'Sound

- Alias Maya plug-in for XYZ coordinates conversion into MIDI messages in real-time.
- Translate, rotate and scale acquisition.
- 120 control change messages available for free configuration.
- Server and client applications included for networking operations on LAN.
- Up to eight animation paths in real time.
- FBX import/export.
- Two separated streams of MIDI Control change messages.
- Propellerheads Rewire2 compatible.

TheBat 3D Controller

- USB HID interface for Apple Mac OS X/OS9.x or Windows 2000/XP.
 - Sampling Frequency 20 ms.
 - Propellerheads Rewire2 compatible
 - Free software collection for XYZ coordinates conversion into MIDI messages or MIDI levels for Surround panning, compatible with Rewire2 Application and Cycling 74 Max.
- Directly compatible with all the IMEASY™ systems.

IMEASY™ (Integrated Modular and Expandable Audio Spatialisation™ sYstem) for MacOSX

- OpenGL three-dimensional software interface
- 8 audio sources on 8 outputs.
- Complete MIDI implementation, accept MIDI Show Control messages and send configurable MIDI control change messages.
- Real time control for Live through computer's keyboard.
- Storyboard scene management
- 16 synchronous trajectories with an unlimited number of nodes, each node has MIDI in/out capability.

IMEASY™ (Integrated Modular and Expandable Audio Spatialisation™ sYstem) for Windows 2000

- PCI card with OpenGL three-dimensional software interface
- 16 audio sources on 8 outputs per card. A maximum of three cards can work together for 48 audio sources on 24 outputs configuration.
- Real time Spatialisation™ for 8 audio sources coming from ADAT inputs and 8 audio sources coming from hard disk resident audio files at the same time.
- 16 synchronous trajectories with an unlimited number of nodes, each node has MIDI in/out capability.
- Unlimited number of asynchronous trajectories assigned to audio samples or not.
- Storyboard Window for scenes and events organization. The best solution for Theatres, museums, theme parks and interactive installations.

Key stroke real time control of fades, markers and samples event.

Factors that give A&G products excellence within the industry

- Software and hardware reliability.
- Real three-dimensionality of the algorithms.
- Software compatibility with most important market standards.
- Extended interactive real time control.
- Affordable and competitive price.
- After sales support.

References

Digidesign Development Partner since 2000.

Propeller Heads Development Partner since 2001.

Digigram Development Partner since 2002.

Alias Conductor since 2003.

Apple Developer Connection members and Kaydara development partner since 2004.

Apogee Electronics exclusive distributors for Italian territory since 1996. For more information you should contact Greg Laney (greg@apogeedigital.com) or Betty Bennett.

Audient and Lynx Studio Technology exclusive distributors for Italian territory since 2003.

Luigi Agostini and Andrea Valassina were in charge as Product Manager for the Digidesign exclusive distributor in Italy since 1989 to 1993. Andrea Valassina was in charge as Manager for Digidesign Italy since 1993 to 1997.

A&G Soluzioni Digitali has been the official multimedia partner for the International Festival del Cinema di Venezia (Venice) since 1993 to 1995. For more information you should contact Angelo Talocci (angelotalocci@tin.it) from SpiritoSound Roma or Massimo Puccio, Dolby Consultant for Italy.

Conclusion

- Wide range of professional audio products.
- Strong finances.
- Excellent market experience. 12 years in industry.
- Delivery reliability.
- Educated and skilled employees.
- Technical sales and after sales support.

For more information please contact:

Luigi Agostini
C.E.O.
A&G Soluzioni Digitali s.r.l.

Palazzo S.Elisabetta
Via Marradi 4
I-57126 LIVORNO

Laboratorio e magazzino:
Via delle Galere, 45-47
I-57123 LIVORNO

ITALY

Tel. +39 0586 211526

FAX +39 0586 887453

e-mail: l.agostini@aegweb.it

URL: <http://www.aegweb.it>

A&G Soluzioni Digitali
Research & Development Department
IMEASY: <http://imeasy.aegweb.com>
e-mail: imeasy@aegweb.com
The Bat: <http://thebat.aegweb.com>
e-mail: thebat@aegweb.com
