



Corporate Profile
April 2008

 **ARGO HYTEC**

Foreword

ARGOHYTEC Inc. was founded in April, 1995. Before the institution of the company, we used to work for the parent company ARGOGRAPHICS Inc. as the development department for about 10 years.

We have been aiming at a leading company of the hardware & software technology focusing on the system, circuit and printed circuit board and on the development of the IT equipment featuring image & signal processing technologies .

Nowadays, the consolidation of broadcastings, communications and entertainments and the rapid deployment of mobile embedded systems are progressing and in order to support customers with various needs in digital media, ARGOHYTEC Inc. is expanding our capabilities to 2D & 3D Graphics area in addition to the digital image & audio and signal processing.

In conclusion, the “challenge” to incorporate daily progress of technologies, the daily “innovation” not to fall behind the market situation change, and the enhancement of the “quality” are absolutely indispensable for the new ARGOHYTEC Inc. as a Digital Media Solution Company to provide our best services to our customers.



President & CEO
Atsushi Kobayashi

ARGOHYTEC Inc. as Digital Media Solution Company

Communication

Broadcasting

Multi Discipline & Consolidation
progressing at End-User Markets

Entertainment

Mobile

Media & Technology Mapping and
System Integration at Customers

Multi Digital Media
Multi Technologies
S/Ws & H/Ws
Embedded Systems, 3D Ubiquitous

Multi Needs at Customers

Digital Media Solutions

Technologies & Services for Customers

Challenge

A *ARGO HYTEC*

Quality

as Digital Media Solution Company

Innovation

Technologies and Products

User Friendly and User Oriented Activities

Contract based Development activities

- * With customers for leading edge products.
- * Many experiences on digital image and voice processing systems required by electronics & system companies especially from their research and development sections.
- * High level utilization technologies for high-speed memory (DDR2) , high-speed interface (LVDS) , etc.
- * Abundant in experience among H/W & S/W design and developments.

2D & 3D Graphics related activities:

- * System development, graphics board development, customization for dedicated specifications, etc.
- * Featuring graphics system development with the synergy of our experience among digital image / sound processing systems.
- * Extending our activities over graphics boards for reference design, software development environment such as SDK and authoring system developments.

System, Board & S/W Tuning Services activities:

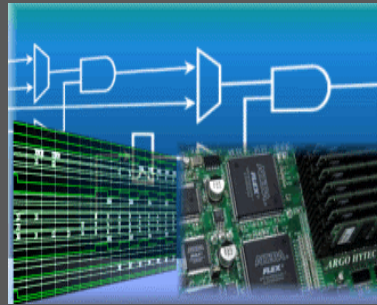
- * 2D/3D Graphics Tuning & Optimization
 - on Performance, Functionality, Power dissipation, S/W, etc.
 - by Device driver, Registers & Parameters on Graphics Chip & F/W
 - by Signal Integrity design of High Speed Graphics Boards
 - by Memory Interface Design, etc.

Enhancement of Quality

In order to promote certain developments, we are clarifying SOW (Statement of Work) which describes a work range, outline specifications, system specifications, detailed specifications, etc. not depending on an existence of the detailed requirement specifications and are proceeding the SOW confirmation by walk-through.

Video Imaging and Graphics Solutions, Technologies & Products

MPEG2 Encoder
Digital Audio
Radio Telescope
Digital Transmitter
Scan Converter



S/W on a Chip
System Control S/W
Package S/W

Video Imaging
H/W

Video Imaging
S/W

Quality
Developments

Synergy

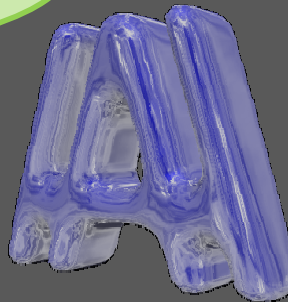
Services

Tuning

2D/3D
Graphics S/W

2D/3D
Graphics H/W

Authoring System
System Design
Kit (SDK)



GPU, CPU,
Memory
Device Driver
Graphics Module
Reference Board

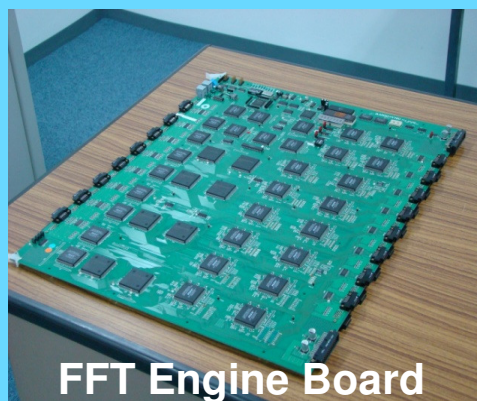
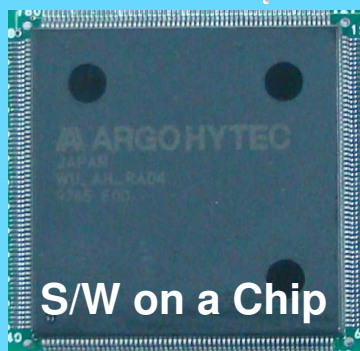
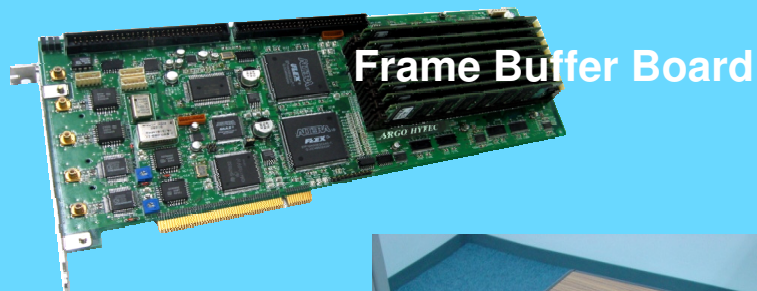
Results and on-going Development

Hardware Development (Video Imaging)

- \$ MPEG-2 image compression (An encoder system)
- \$ Radio telescope (16x16 FFT with the dedicated LSI)
- \$ Digital audio transmission and receiver evaluation system
- \$ Scan converter
- \$ Cinema film → high vision picture converter (Tele Cinema)
- \$ Frame buffer for HDTV/SDTV picture signals
- \$ Digital transmitter equipment for BS/CS broadcast
- \$ Display evaluation device (Large-scale CRT/LCD, Multi-screen ,etc.)
- \$ Image data transfer system (LAN, USB, Optical, etc.)

Software Development (Video Imaging)

- \$ VTR control system
- \$ Broadcasting equipment control system
- \$ Image filing system and package software
- \$ Image information presentation system
- \$ Multi-screen control system



2D&3D Graphics & Images System Development

This product consists of a Software Development Kit (SDK) and a Reference Board. And the SDK consists of various Authoring Tools, an Importer to interface to commercial Digital Contents Creation (DCC) Tools, an Integrated Animation Database, a Command Viewer, etc.

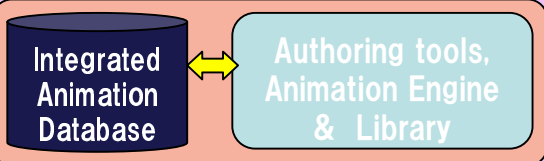
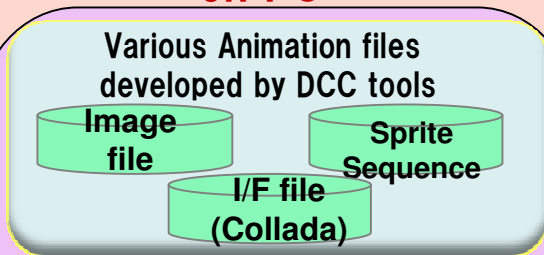
Whereas the Reference Board consists of an embedded CPU(s), a GPU, Memories, an LCD Panel interface, etc.

This SDK runs both on Windows PCs and on the embedded systems such as the Reference Board we are to provide.

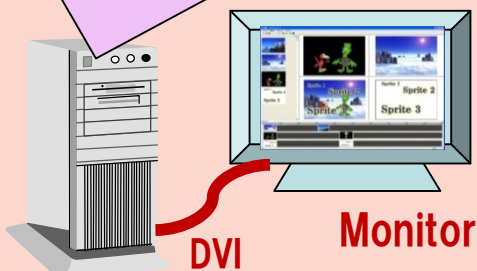
When the SDK operates on Windows PCs, the whole system provides an optimal authoring environment for users to layout 2D/3D Graphics and Video Images.

In contrast, the operation of the SDK on an embedded system such as on the Reference Board, the whole system provides an optimal verification environment for users to evaluate libraries inside this SDK and to watch the application software which are developed by the customers.

Authoring Environment on PC

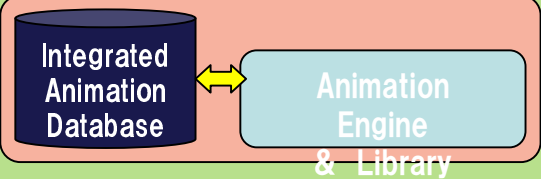
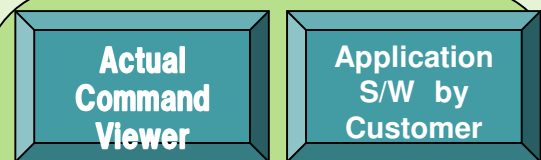


SDK
on PC



Embedded System

to optimize libraries developed on PC environment and to verify Customer Applications.



SDK
on Reference Board



LCD Panel

Company Info.

(as of April 1, 2008)

Name :	ARGOHYTEC Inc.	
Representatives :	Atsushi Kobayashi	President & CEO
Established :	April 3, 1995	
Paid-up capital :	43,000,000 yen	
Major shareholder :	ARGO GRAPHICS Inc.	20%
Executives :	Atsushi Kobayashi	President & CEO
	Toru Oka	Director
	Yoshimaro Fujisawa,	Outside Director
	(Chairman & CEO, ARGO GRAPHICS Inc.)	
	Yoshio Matsui	Corporate Auditor

History

1995.4 : ARGOHYTEC Inc. founded in Tokyo
1999.6 : Moved its Head Quarter to Atsugi city, Kanagawa
2001.5 : Increased the capital to 43,000,000 yen
2007.2 : Graphics design & development department instituted
2008.4: Tokyo Development Center opening

ARGOHYTEC Inc.

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ARGOHYTEC Inc.