

Press Kit



Specializing in value-added digital vision, optronics and image processing

- ⇒ digitization of written cultural heritage
- ⇒ monitoring of industrial production
- ⇒ development of innovative digital vision solutions

www.i2s-corp.com

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Profile

An globally-recognized technological leader in the added-value digital vision, optronics and image-processing markets

i2S, Innovative Imaging Solutions

For nearly 30 years, i2S has designed, manufactured, marketed and maintained optics-based systems, cameras and image-processing software for industrial and media-related applications with one single objective in mind: to help its customers enhance the value of their assets and meet the related challenges.

■ i2S is a company focused on image-specific use value:

- **See it:** make visible that which is not
- **Like it:** deliver high-quality, desirable images
- **Use it:** imagine usage-driven solutions

■ Supported by three fast-growing divisions:

- **i2S Vision:** development of innovative digital vision solutions
- **i2S DigiBook:** digitalization and enhancement of written heritage
- **i2S LineScan:** monitoring of industrial production

■ i2S designs, manufacturers and sells in France and abroad:

- smart cameras, digital scanners
- specialized opto-electronic systems
- software systems for image processing and embedded analysis

■ Many industry-specific applications:

- robotics, augmented reality, 3D tracking
- measurements, loss-free recording
- quality control and quality performance
- software support and process automation

■ Designed for a large, diverse clientele (over 5,000 customers installed):

- major private accounts and administrations
- integrators and original equipment manufacturers (OEMs)
- scientific and university organizations
- libraries, archiving centers, museums and service providers
- participants in major industrial and R&D projects, both French and European

■ Sustained growth:

- 2007 revenues of 14.8 million euros, including 60% exported
- 15% annual growth for 5 years

■ **Listed on Alternext** since October 30, 2007 (ISIN Code: FR 0005854700 / Mnemonic Code: ALI2S)

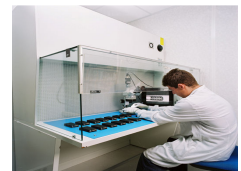
■ A Research & Development department:

- Internal "innovation" department
- Active participation in the "*La Route des Lasers*" and "*Aeronautics, Space and Embedded Systems*" (AESE) competitive clusters
- R&D investment: based on self-financing (5% of revenues) and customer contracts (6%)

■ OSEO ANVAR certification

■ Staff > 63 people in France, including 40 engineers and specialized researchers

■ **An international presence** with a subsidiary in the USA (Connecticut) and a sales office in China (Shanghai)



History

Over 20 years of ongoing innovation and world premiers

- 1979** Founding of i2S SA by **Alain Ricros** and **Jean-Louis Blouin**, two Aerospace engineers.
- 1984** First vision system for inspecting the cleanliness of recycled bottles, for a German manufacturer of industrial equipment selling internationally.
- 1985** An extreme encounter and notable **world premier**: i2S contributes to the **discovery of the Titanic**, in association with IFREMER and COMEX. Development of the prototype missile sight ERYX for Aérospatiale.
- 1988** Development of the first cameras used in the CNET/MATRA videophone. Manufacturing of video cameras for Thomson Surveillance. Development of a color camera for Laparoscopy.
- 1989** Development of the 1st line of image-acquisition cards dedicated to linear applications (Numévision). Development of an on-board camera for the **Airbus A330 test flights**.
- 1993** Development and installation of the 1st **DigiBook scanner** at the City Hall of Bordeaux for the digitization of civil status records.
- 1996** **World premier**, development of the 1st **color Photo Finish camera** used at the Olympic Games in Atlanta. i2S, a **member of the 21st Century Gutenberg Association**, is involved in the digitization and re-publishing of Rimbaud's original manuscript work, in partnership with Xerox and the publishers Textuel and Le Seuil.
- 2000** Digitization of the 1st edition of the Gutenberg Bible, from 1456, in partnership with Xerox, the 21st Century Gutenberg Association and the Vienna Library. With this **world premier**, i2S earned an award nomination in 2001 from the prestigious **Smithsonian Institute**, in the "Computer & Media" category.
- 2003** Development of Flawscan, the 1st surface inspection system for flat products (plastic film, non-woven products and glass).
- 2004** Design and production of surveillance cameras for SMTC (Toulouse public transport), in association with **Vinci**.
- 2005** **Extreme Conditions and World Premier**. In partnership with Dassault, i2S developed cameras for monitoring the **Ariane V** booster separation: the cameras incorporate acquisition systems designed to withstand extreme conditions of vacuum, temperature and vibration. **World premier**: in partnership with IBM and Infotechnique, i2S and its Swiss industrial partner ASSY create the **world's largest center for the digitization of books in France** (La Walcq, Lower-Rhine) through the AMALFI project. Launch at CeBIT (Hanover/Germany) of the 1st **digital scanner** operating with **ambient lighting** (CopiBook).
- 2006** **World premier**, in partnership with its Swiss industrial partner ASSY, unveiling at the *Salon du Livre* of Paris of the fastest automatic scanner in the world, designed to digitize books without human intervention at a rate of 3,000 pages/hour.
- 2007** **World premier**, development and deployment of the 1st High Definition "Goal Finish" system for Canal+, designed to validate a soccer goal (crossing of the ball over a virtual line) in 3D and augmented reality.



1985
The discovery of the Titanic



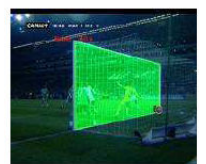
1996
1st_color Photo Finish camera – Olympic Games Atlanta



2001
Digitization of the 1st edition of the Gutenberg Bible



2005
Cameras for monitoring the Ariane V booster separation



2006
1st HD "Goal Finish" system for Canal+

Innovation-Driven Development

Within 25 years, i2S has distinguished itself as a **pioneer of digital vision and image-processing solutions under extreme conditions** for customers demanding high-quality images, ever-greater camera performance and increasingly smart and flexible image-processing systems.

"We are constantly striving to innovate. From 1983 to 2005, we filed 18 patent applications and currently have four active patents and a fifth one that is pending. Given the numerous research and development projects that we are undertaking at the French and European level, we want to place increased emphasis on our patent application policy over the next few years," said Jean-Louis Blouin, CEO.

Dynamic Technology Assets

Over the years, i2S Innovation has developed several areas of expertise while leveraging an excellent command of technology and the ability to anticipate both customer expectations and technological change.

■ Real-Time Image-Processing & 3D Tracking

The Goal Finish developed for Canal+ implements a real-time system for locating and 3D-tracking the ball, using HD cameras operating at 240 fps.



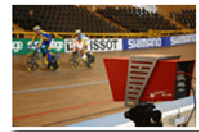
■ Embedded & Video Compression

To control the Ariane V booster separation, i2S developed an acquisition system incorporating cameras designed to withstand extreme vacuum and vibration conditions. i2S also compressed the videos by adapting them to the remote transmission requirements.



■ Real-Time Optronics and Transmission

The Photo Finish systems for SWISS TIMING, used for sports timing accurate to 1/2000th of a second, integrate an optical alignment device and a wireless Gigabit Ethernet image transmission.



■ System Integration & Complete Vision Chain

i2S can support the design, production and 2D/3D metrology of a full instrumentation bench, integrating all of the required electronic, optic, laser and mechanical components.



Customer-Oriented Innovation Strategy

Capitalizing on its proven ability for technological innovation, i2S has built a reputation for itself among the scientific community. Today, this unique ability leads the company toward major projects within two competitive clusters (AESE and "la route des lasers"), together with world-leading enterprises.

The development and recognition of i2S's expertise have been possible thanks to an industrial strategy based upon:

- an R&D policy advocating the development of systems built in the form of reusable technological building blocks, making it possible to leverage each development by reintegrating them as modules into new solutions.
- the strong determination to place the value of its customers' assets at the heart of its solutions: i2S puts its expertise to work for its customers and recognizes that the only true innovation lies within the benefit resulting from the incorporation of i2S solutions into its customers' own business offerings (increased productivity, process security, competitive advantage, etc.).

This innovation strategy has proven to be effective and will remain the basis for future developments.

Three Fast-Growing Divisions

i2S is organized around three major divisions:

■ Distribution and development of added-value application solutions

From its inception, **i2S Vision** has been the French specialist in digital vision and industrial cameras. An institutional partner of major companies such as Sony, Dalsa, and Matrox, **i2S Vision** distributes and integrates their solutions into functional subassemblies. Today, **i2S Vision** is the leading provider in the French market, making it a strategic partner for international equipment manufacturers and major technological groups. i2S is recognized for its high expertise in image acquisition and processing technologies, as well as for its quality service standards.

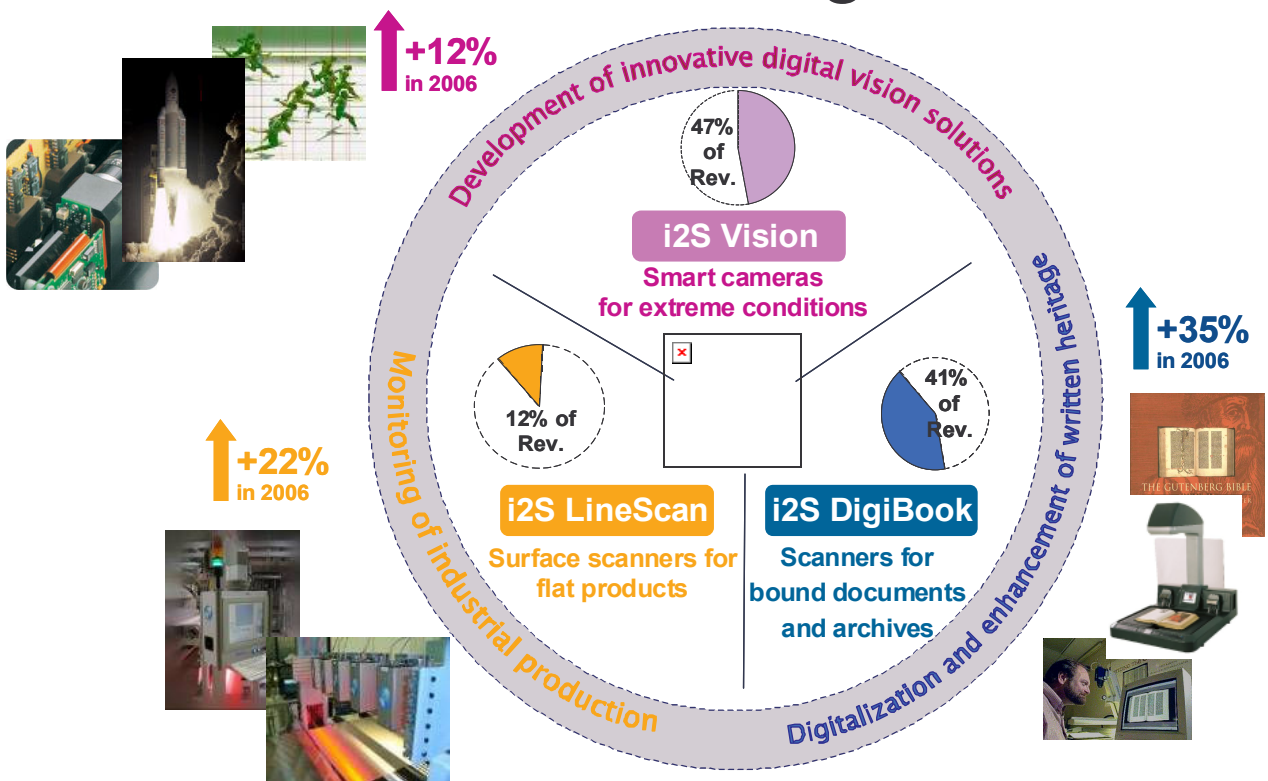
■ Digitization of written cultural heritage

Created in 2000, **i2S DigiBook** designs, manufactures and markets a comprehensive line of scanners for the digitization of ancient books, bound documents and archives, combined with powerful software suites for automatic image restoration. The i2S DigiBook division has gradually made itself the world leader in digital scanners for bound documents.

■ Monitoring of industrial production

Created in 2003, **i2S LineScan** designs, manufactures and installs turnkey Surface Inspection systems. Based on FLAWSCAN legacy technology, i2S's LineScan systems ensure consistent, real-time, 24/7 monitoring of the manufacturing of technical materials such as non-woven products, plastic films and floating glass. FLAWSCAN technology makes it possible to detect and classify defects as small as one tenth of a millimeter on surfaces several meters wide that may be moving faster than 1,000 meters per minute.

3 Divisions of Growing Business



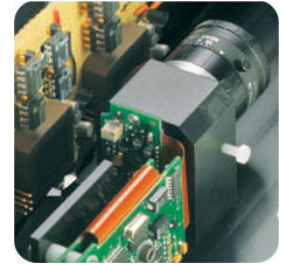
i2S Vision: Autonomous Cameras and Smart Sensors

i2S Vision, a service- and innovation-driven business division, is specialized in the fields of digital vision, optronics and image processing. i2S Vision designs and manufactures embedded cameras for extreme conditions.

The discovery of the TITANIC, the monitoring of the ARIANE V booster separation, the test flights of AIRBUS, the Photo Finish color camera at the Olympic Games in Atlanta, the digitization of the first edition of the Gutenberg Bible and even the goal detection system (Goal Finish for CANAL+) were all remarkable **"world premiers"**.

i2S Vision, a pioneer in digital vision in France, has placed great importance on developing values of professionalism, trust and loyalty, thus allowing the company to build **sustainable partnerships with international leaders**. i2S Vision has been distributing and integrating technologies and products from Sony, Dalsa, Matrox, Fujinon, etc. for more than 20 years, in some cases.

Recognized for its **industrial innovation capabilities**, i2S Vision is a strategic partner for all global equipment makers and major accounts eager to design and develop leading-edge **serial vision systems**. Drawing on the strengths of the i2S Innovation R&D center, i2S Vision has gradually become the **leader in high-end digital vision and image processing in France**.



■ Mission Statement

To serve major accounts, to support original equipment manufacturers (OEMs), to partner on major projects while being recognized as the benchmark in France for functional digital vision systems.

■ Objectives

To **penetrate the transportation security, sports, aeronautics, biomedical and media markets**, which deliver high levels of use-value as well as sustained growth, thus allowing for a consistent increase in revenues.

■ Client Portfolio

AVENTIS, EADS, MICHELIN, SAGEM, THALES, SNECMA, CEA, DGA, SNCF, HUTCHINSON, CANAL+, SWISS TIMING.

i2S DigiBook: Digitization Systems for Written Heritage

i2S DigiBook is the new world leader in the design and implementation of solutions for digitizing and adding value to cultural, administrative and industrial heritage materials.

In seven years, the DigiBook division has developed unique technological expertise. Now recognized as the world leader in the digitization of books and bound documents, i2S DigiBook provides a comprehensive range of scanners and image-processing, as well as indexing software suites.

The major library digitization and electronic publishing programs have revealed new cultural and economic challenges, thus leading i2S DigiBook to further develop its support, consulting and service solutions for major institutions.

As a matter of fact, i2S DigiBook is involved in major programs for digital libraries and archives throughout France and around the world.

Constantly seeking to optimize its equipment, i2S DigiBook embraces a strong policy of innovation. For example, out of a dual concern for protecting originals and operator comfort, the CopiBook scanner range is equipped with a scanning head that is **unique in the world** in that it allows electronic high-definition document capture without additional artificial light.



■ Mission Statement

To offer its customers a new value chain meeting the cultural, technological and economic challenges arising from digitalization: **accessibility** to digitized works for as many people as possible, **value creation** by creating widely delivered multimedia content, **hosting** and **protection** of digital heritage content, **preservation**, semantic mining, automatic searching of photographs and engravings, and digital reconstruction of works.

■ Objectives

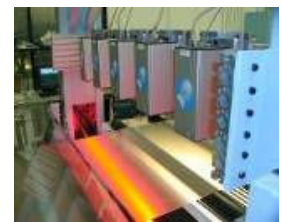
To penetrate the value chain and contribute to the growth of an emerging market driven by social, cultural and economic challenges. i2S DigiBook, which has already acquired a dominant share in the digital scanner market, further consolidates its competitive advantage with the development of full-featured solutions for the three major world markets (Europe, USA, and South America), as well as a set of "software" projects, supporting such critical issues as quality control of digitization and intelligent storage of digital heritage.

■ Client Portfolio: More than 1,000 scanners installed

National libraries (Scotland, Spain, France, Finland, Italy, USA, Israel, UK, etc.), university libraries (Göttingen, Louis Pasteur, La Sorbonne, Stanford, UCLA, Texas A&M, etc.), national archive centers (General Archives of the Kingdom of Belgium, NARA in the USA, etc.) and industry (Gazprom).

i2S LineScan: Industrial Surface Inspection Systems

i2S LineScan is a global player in the **market of added-value quality control and production optimization systems** for flat materials.



■ Mission Statement

To design, manufacture, and maintain **surface inspection systems for the glass, plastic film and non-woven products industries:**

cameras and multiray sensors, embedded image-handling systems, classification and analysis software, tools for interacting with the production chain, engineering services.

■ Objectives

To become a serious competitor among the current industry leaders, by offering major industrial accounts an effective and innovative option. i2S LineScan is driven by the strong growth of its markets: overall environmental quality challenges (solar panels, filter glass), growing demand in the health industry (medical tissue, etc.), acceleration of household equipment in technological products (flat screens, RFID/radio frequency identification systems, etc.).

■ Client Portfolio

GE Plastic (USA), TREDEGAR (USA), DAYUAN (CN), YAOLONG (CN), BOBST (Switzerland), AFG (USA), CELGARD, CORNING, TEMBEC, and more than 15 Chinese manufacturers.

Stock Exchange IPO, a Growth Accelerator

i2S decided to enter the stock exchange in order to gain additional resources for accelerating its global development, to strengthen its legacy businesses and to position itself within new technological markets. This IPO will allow the company to:

- finance **external growth** transactions, allowing for technological, business and/or geographical synergies:

- ⇒ DigiBook (software & project management)
- ⇒ LineScan (offering and European market share)
- ⇒ Vision (offering and USA market share)

- increase i2S's **brand awareness and financial robustness** with a view to strengthening its credibility with major projects and major accounts worldwide.

- close **industrial and R&D partnership** deals: gain a position within new market segments and seize key growth opportunities (international OEMs / responses to invitations to tender & enterprises)

i2S has been listed on Alternext since October 30, 2007 (ISIN Code: FR 0005854700 / Mnemonic Code: ALI2S).



Empreinte: i2S's Foundation



i2S created the *Empreinte* foundation to secure the continuity of initiatives they had already undertaken, in particular the digitization of Montesquieu's *The Spirit of Laws*¹, Rouget de Lisle's "*La Marseillaise*"², Gutenberg's *42-line Bible*³ and even manuscripts by Rimbaud⁴.

■ Two Ambitions

✍ **To preserve** – and thereby enhance – existing written and image heritage.

To do this, the *Empreinte* foundation will carry out sponsored activities to save library materials, photographic collections, manuscripts, images, etc. It will manage and finance – totally or partially – select projects, with one single objective in mind: to revive unsaved – or quite simply forgotten – treasures, including websites, art books, online documentary collections, etc. To achieve this objective, the foundation will scan and publish these treasures using new, high-quality media designed both for professionals and the general public. These documents from the past will then be enriched by the contributions of scientists, writers, and contemporary artists.

✍ **To promote** contemporary talents.

The Foundation will support contemporary talents in the fields of literature and photography by awarding prizes or subsidies, or by similarly rewarding young talented journalists, all of these initiatives being carried out in partnership with public and private organizations: museums, universities, publishers, bookstores, and more generally, with any entity that wishes to support the *Empreinte* foundation.

The first activity in preserving cultural heritage will begin as early as 2008.

■ Under the aegis of the Institut de France

The *Empreinte* foundation is housed by the *Institut de France* and likewise supported by the expertise of its members.

Its Board of Directors includes:

- Gabriel de Broglie, Chancellor of the *Institut de France*: President of the Foundation
- Jean Cluzel, Member of the Academy of Moral and Political Sciences
- Jean-Pierre G rault, Chairman of the Board of Management of i2S: Honorary President
- Alain Pierrot, i2S Development Manager: Secretary

■ Partners

Because culture is enriched by diversity, the *Empreinte* foundation participates in projects with key players sharing common cultural ambitions.

It will work in association with the following types of partners: public institutions involved in heritage conservation issues, private organizations including media corporations, schools or public figures.

■ Scientific Committee

To assist the Board of Directors, the *Empreinte* foundation will assemble a scientific committee consisting of representatives from the world of writing and imaging, such as writers, publishers, photographers, journalists, school directors, engineers, politicians, etc.

For more information about the *Empreinte* foundation, please visit: www.fondation-empreinte.org

¹ with the Bordeaux Municipal Library and the Mollat bookstore

² with the National Assembly Library and the 21st Century Gutenberg Association – download: <http://www.assemblee-nationale.fr/histoire/images/lamarsei.pdf>

³ with the National Library in Vienna (Austria) and the 21st Century Gutenberg Association

⁴ with the Charleville-M zi res Public Library, the Seuil and Textuel publications, and the 21st Century Gutenberg Association (Rimbaud, the unabridged manuscript, edited by Claude Jeancolas, Paris, Textuel, 1996)

Management Team



Jean-Pierre G rault: Chairman of the Board of Management

An engineering graduate of ENSCT, he received a Doctorate in Solid-State Physics (National Polytechnic Institute of Toulouse) and an MBA in Marketing-Finance.

He was formerly Managing Director of Xerox France, Senior Vice President of Xerox Europe, and then Managing Director of the Guilbert Group (formerly Pinault Printemps Redoute Group).

He is the President of the KM&P Company and a member of the Board of Directors of several companies.

He has developed several acknowledged industrial innovations, with prizes awarded by the Smithsonian Institute: Award in 1999, nomination in 2001 with Xerox, the 21st Century Gutenberg Association and i2S (Washington DC, US, Media & Computer World Awards).

Highly involved in culture and writing, he has authored several works highlighting the impact of new information and communication technologies on writing and the dissemination of knowledge ("*L' crit, le savoir et le num rique*" – Atlas, "*Le monde du livre en question*" – Actes Sud).

He is co-founder and honorary president of the *Empreinte* foundation under the aegis of the Institut de France. He is also the founder and vice-president of the 21st Century Gutenberg Association.



Jean-Louis Blouin: CEO and Co-Founder of i2S

INSA engineer, DESS (post-graduate diploma) in Business Management from the IAE Bordeaux, Executive MBA from the CPA Lyon, President of Aquitaine Inter Group, Member of the Board of Directors of Assy.

Along with his business activities, Jean-Louis is Vice President of the Electronics Branch of the ADEISO (Association for the Development of Electronics and Computer Science in Aquitaine), Vice President of the *Institut de la Cognitique* at the University of Bordeaux II, Founding Member and Secretary of the ALPHA Association (Supervision of the "*Route des Lasers*" competitive cluster), a Member of the Board of Directors of UIMM Gironde Lande, where he leads a working group on Industrial Strategies, Member of the *Aquitaine Amor age* Financing Committee (regional seed capital fund), Member of the Board of Directors of the AFPI (Association for Professional Training for Industry), Member of the CCRRTD (Regional Consultative Committee for Technological Research and Development) and more recently President of the Jury of the OSEO ANVAR National Contest for Entrepreneurship.



Alain Ricros: Chairman of the Supervisory Board and Co-Founder of i2S

An engineering graduate of ENSERG, Alain holds a Master's in Economics and a diploma from IAE Bordeaux.

Development Engineer at EADS.

Board member of several regional "High-Tech" companies.

Chairman of the ACI (*Aquitaine Cr ation Investissement*), regional venture capital company, Co-Founder of the *Empreinte* foundation.

He is in charge of international development and major industrial partnerships.