



## The Winners

The Hague, 15-17 November 2004

# The European IST Prize



02	The European IST Prize
03	Past European IST Prize Winners
12	The European IST Prize Winners from 1995 to 2004
15	The 2005 European IST Prize Winners
36	The 2005 European IST Prize Nominees
40	The European IST Prize Evaluation Group from 1995 to 2004
40	The European IST Prize Executive Jury from 1995 to 2004
41	The IST Programme of the European Union
42	Euro-CASE
43	The Euro-CASE Academies
44	The European IST Prize Info Points
46	Some of the applicants for the European IST Prize in 2004
47	Acknowledgements

The European IST Prize trophy "le profil retrouvé" has been created by Yérassimos Sklavos © La Monnaie de Paris

Conception: IMARRA SA

October 2004

## The European IST Prize

**T**he European IST Prize is an award for groundbreaking products that represent the best of European innovation in information technology. It provides public recognition and a highly visible profile to entrepreneurial teams that excel in generating and converting novel ideas and R&D into marketable products. The high standard of applicants and the competitive evaluation procedure for selecting the Winners make this Prize the most distinguished award for new IST-driven products.

Seventy European IST Prize Nominees are selected among the applicants. The Nominees receive the recognition and quality label "European IST Prize Nominee".

Twenty European IST Prize Winners are selected among the Nominees. Each Winner company receives a Prize of €5,000, the European IST Prize Winner Certificate and an invitation to exhibit the winning product at the yearly IST Event.

Three European Grand Prize Winners are selected among the Winners. Each Grand Prize Winner receives a Grand Prize of €200,000 and the European IST Grand Prize Trophy.

The theme is: Novel products with a high information technology content and evident market potential.

All applications are evaluated by independent experts nominated by Euro-CASE. An Executive Jury, composed of independent, highly respected European executives, nominated by Euro-CASE, proposes the three Grand Prize Winners. In 2004, the Nominees, Winners and Grand Prize Winners are selected by the European Commission based on a ranking proposal established by Euro-CASE.

The European IST Prize is organised by Euro-CASE, the European Council of Applied Sciences, Technology and Engineering, with the sponsorship and support of the Information Society Technologies Programme of the European Commission.

[www.ist-prize.org](http://www.ist-prize.org)



## Past European IST Prize Winners - making the difference

### Introduction

The European IST Prize is celebrating its tenth anniversary, ten years of rewarding, and above all recognizing, innovative and entrepreneurial talent. During this time, the benefits of innovation that the European IST Prize recognizes have received increasing attention. When the Lisbon European Council met in 2000, the issues they considered, which launched the Lisbon Agenda, were familiar to European IST Prize Winners and many others like them throughout Europe, if on a smaller scale. The Lisbon Agenda recognizes that globalization and the new knowledge-driven economy are changing the rules of the game – and that Europe needs to shape this process and grasp the opportunities for economic and social progress on offer. Taking opportunities and shaping the future is what the European IST Prize, now in its tenth year, is about.

### The many aspects of innovation

There are key aspects of the Lisbon Agenda of direct relevance to innovative enterprises, for example, an information society for all, establishing a European Area of Research and Innovation and creating a friendly environment for businesses, especially SMEs. But the Lisbon Agenda is much wider as befits a plan for Europe. It calls for education and training for living and working in the knowledge society – recognizing the benefits of highly trained workforce on competitiveness. It insists on an information society for all that is capable of improving the citizens' quality of life – based on new technologies. And it recognizes that the shift to a digital, knowledge-based economy involves doing things better and differently, particularly by incorporating information technologies, such as e-commerce and mobile communications into all aspects of business and society.

The European IST Prize is now celebrating its tenth year of rewarding excellence in entrepreneurial innovation in the broad field of the information society technologies. In this time we have had the great pleasure of awarding the European IST Prize to over 180 companies and organizations from 23 countries. While we know that our European IST Prize Winners are innovators, we wanted to look at the impact of their innovative technologies since winning the Prize, and how they contribute to the wider Lisbon objectives; how they benefit consumers and employment and how they change the way we do things. In brief – how they make the difference.

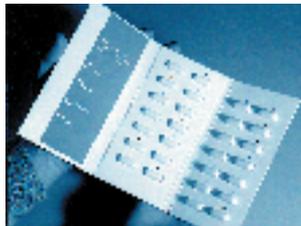
A selection of their stories is presented here:

## Enabling change

Innovative enterprises are key drivers for growth in Europe. While there are around 20 million SMEs in Europe, of these only 750 000 can be considered as hi-tech, based on R&D activity, innovative products or by using advanced manufacturing methods – less than 4% of the total. And of these, only a small fraction is growing rapidly, reflecting the risk attached to innovation. For this reason their direct impact on the economy is not great – but their indirect impact through leverage is much larger. New and innovative technologies contribute greatly to added value and the spill-over effects can be very large, for example down the supply chain, or by encouraging innovation in competitors leading to increased competition, or by enabling other economic sectors to do things better or more efficiently.

### More than just packaging

**CYPAK**



Cypak AB of Sweden is a 1999 Grand Prize Winner for an interactive packaging system based on cardboard with integrated microelectronics. Developed for the pharmaceutical industry it helps patients follow a drug dosage regime and allows clinical trials of new drugs to be followed reliably and accurately. The microelectronics embedded in the packaging record information on changes, such as when a pill blister is opened. This information can be accessed through a built in wireless antenna, giving accurate monitoring of dosage and timing, as well as any tampering with the packaging itself – critical information for controlled trials. When Cypak won the Grand Prize the two founders were the only employees of the company.

Since then it has grown to 14 people and a network of 50 producers, consultants and partners. Ms Stina Ehrensvärd, a founder and marketing director of Cypak, takes up the story. “From almost nothing apart from ideas, we now have customers throughout the world as we have moved from customer trials into licensing our product to leading pharmaceutical packaging companies. However, Cypak itself has remained small, we see ourselves as an innovation company, having ideas and then passing them on to others to develop and produce. We are big on ideas but small on implementation, so we rely on leveraging our innovations through a network of downstream partners”. This business model allows Cypak to make the most of its inno-

vations by taking them to other sectors, such as courier packaging to ensure tamper-proof secure delivery, and a disposable device for diabetes screening developed with a systems integrator partner and a European customer. As Stina Ehrensvärd says, “By concentrating on what we are good at – innovating – we get the most leverage, which benefits us, our networks of partners, and our consumers. Our products are helping to

ensure safer drugs, more reliable, tamper-proof, package deliveries, and easier detection of health problems; and this is just a beginning. Every improvement to our technology brings new possibilities and new markets and the only way we can address them all effectively is to build an innovation network of partners to take these great opportunities forward”.

### Kick-starting competition



C-VIS GmbH from Bochum, Germany, develops vision technologies based on biometrics. Founded by scientists from the Institute for Neurocomputing at Bochum University, C-VIS is a 1996 Prize Winner for Facecheck®, a self-contained software package for automatic face recognition. C-VIS Facecheck is a clear example of an enabling technology. For example, it is used in the medical sector for the time-consuming neurological examination and diagnosis of epilepsy patients; it is deployed in airport security for the positive identification of aircrew and known suspects, and for access control for employees; and it is being taken up at ATMs

for identification purposes. As Dr. Thomas Zielke of C-VIS reports, “C-VIS inspired a lot of our competitors when we won the Prize – we are one of the leading companies world-wide in the field of face recognition but it becomes more competitive every day”. C-VIS’ experiences demonstrate not only the leverage a small company with a big innovation can bring to other sectors, but also a characteristic of innovators, that they raise the level of competition in their field generally, as other companies respond to their success and the doors of opportunity they have opened.

## Knowledge workers

Finding skilled labour is a recognized problem for European enterprises, which is why a key element of the Lisbon Agenda is the education and training of 'knowledge workers' for the knowledge society. For innovative firms, start-ups and research groups the problems of finding employees with the right skills are greater. Innovative firms, almost by definition are dealing with new ideas, products and processes, which may require non-established skills. As a start-up this is less important as the innovator or innovative team will have the skills themselves. However, as they move to build on initial successes, and grow their company or group, then the lack of people with the right mix of scientific and technological skills, perhaps combined with business skills, is often a barrier to take off. Surveys suggest that up to 70% of new technology based firms have difficulty in recruiting the specialists they need, and firms in general report problems in identifying and employing staff for innovation activities.

### University – Industry Links



MorphoLogic of Hungary won an European IST Prize in 1999 for MoBiMouse, the world's first no-click dictionary initially incorporating English-Hungarian and German-Hungarian dictionaries. Later, MoBiDic, Morphologic's first window-based dictionary application was incorporated into MoBiMouse – so creating the state-of-the-art MoBiMouse Plus. Using the same no-click feature, MoBiCAT was launched in 2004 for complete sentence translation between English and Hungarian. The basic technology is language-independent; therefore it is applicable to European as well as Asian languages.

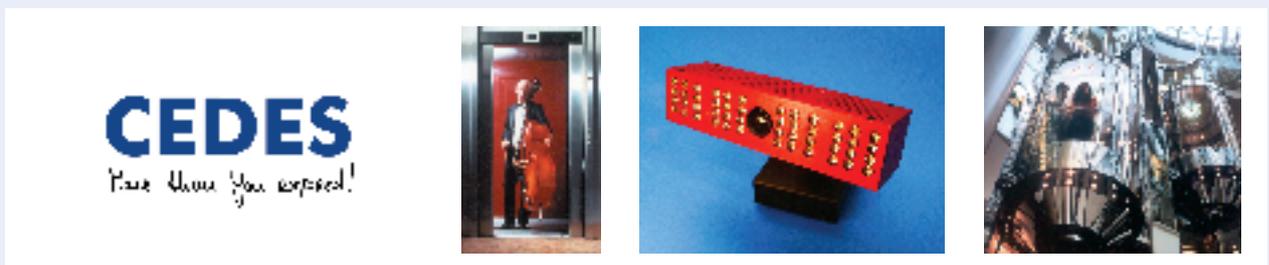
In addition Morphologic has developed more than 50 dictionaries and other language technology applications for other Central European languages such as Polish, Czech, Slovak, Romanian, etc.

CEO Dr. Gábor Prószéký describes MorphoLogic's experiences, "We have innovated continuously since winning in 1999 and this meant we needed to expand as a company, not only selling more and better products, but also building our research base to keep the momentum going, based on the market demands. Fortunately MorphoLogic was founded in 1991 as a spin-off from academic research and

those close contacts with the University remain. So even though we have increased in size from 3 to 30 employees, most of them are highly skilled computer linguists and software developers, therefore we did not have problems finding such spe-

cialised talent". Sustaining university-industry links and networking, as MorphoLogic is doing, is an important success factor for small high technology enterprises as many EU funded studies have shown.

#### Attracting researchers



CEDES of Switzerland won a Grand Prize in 2003 for the Swissranger series of optical 3D cameras – a miniaturised, solid state camera using time-of-flight technology for obtaining 3D image sequences, at video speeds and with 1cm range resolution. Application sectors are safety, security, automation, automotive, living aids and many more. Enabling the real time detection of people's movements is a critical aid in elevator convenience, safe factory automation, and product quality monitoring on production lines. Mr Beat De Coi, CEO of CEDES, reports that winning the Grand Prize helped sales enormously as the company became recognised as a leader in elevator technology. "The company has taken on 20 new employees, five of them in

R&D, largely owing to winning the Grand Prize" says Beat De Coi. "Competition is present, but they have a slower rate of innovation, they seem reluctant to innovate. CEDES is acknowledged as the innovation leader and therefore as a trend-setter – because of the Prize we got a lot of interest from very good people who wanted to work for CEDES". And this is in a country where 83% of technology enterprises have reported problems with finding suitable employees. CEDES works closely with the CSEM (The Swiss Centre for Electronics and Microtechnology), and they shared the Grand Prize with them, a link with a research institute that is also a source of highly skilled employees.

## Breaking the language barrier



A double Prize Winner, in 1998 and 2003, linguattec GmbH of Germany specialises in the development of language technologies. Talk & Translate, a software module that linked speech recognition, machine translation and speech synthesis to provide real time interpretation, won a Prize in 1998. This success was followed in 2003 by Beyond Babel that used more powerful algorithms and could be accessed over the Internet. The CEO of linguattec, Dr. Reinhard Busch is clear on the benefits of the Prize. "The recognition the European IST Prize brings helped us win contracts from big industrial players who demand leading products. A recent study by the Fraunhofer Institute shows that our translation technology can give a 41% productivity gain to users, most of whom are businesses

although there is now a growing market for home use, writing to foreign pen pals for example. However, the field of language technologies is developing all the time as incremental improvements are made, so the innovation cycles in our industry are accelerating. More than 80% of our revenues come from products we launched in the past 18 months, therefore maintaining a strong and pervasive innovation culture is important and one of our biggest challenges. Since winning the Prize in 2003 staffing has grown by 35%, most of them in R&D. Fortunately, although there are only a few universities with expertise in computer linguistics, we work closely with them and therefore have good sources for the very highly qualified staff that this field needs".

## Improving the quality of life

The quality of life for all citizens is a key concern of the Lisbon Strategy. While commercial success and employment contribute greatly to the wellbeing of the citizens of the EU, this is often achieved indirectly, because a true innovation has leverage – it enables us to do things in new and different ways. ‘Enabling’ often involves allowing downstream supply chains to take an innovative basic technology and apply it to a range of products and processes that directly change the quality of everyday life. Many European IST Prize Winners are chosen for exactly this reason, for the potential they hold to galvanize their existing supply chain and to create new opportunities for their customers to serve consumers in new and better ways. Eyetronics NV and Appear Networks offer particular examples of products that enable others.

### A snappy dresser



Eyetronics NV is a spin off from the University of Leuven in Belgium specializing in 3D scanning technologies. Eyetronics is a 1998 Prize Winner for Shapeware, a 3D scanning solution to capture objects, faces and whole bodies, based on a portable, laser-based photography system with Shapenatcher software that captures the shape, texture and colour of the subject. The technology evidently has applications in the movie industry – Shapeware was used in the production of ‘Lara Croft’ and ‘The Last Samurai’, among others, for high-end special effects. But while the movie industry is now a major sector, Shapeware is starting to realise its potential in other sectors.

BScan-S, a full body scanner, has been developed for the clothing industry to obtain exact measurements of customers’ dimensions. With a whole body scan of 200 000 points lasting less than a second Bscan-S produces a map within one minute. The potential for the clothing industry is enormous, not only can better fitting clothes be designed to order, but also it could give a huge boost to e-commerce in the fashion retail sector. A customer will never again need to try on shoes before buying – he or she can simply send an electronic file with a complete map of their feet, by email, to an e-retailer. And the innovation does not stop there: Eyetronics is using Shapenatcher technology in

the world of cultural heritage. The capability to build 3D images was used to reconstruct and visualize archaeological urban landscapes, monuments and artifacts around the ancient

town of Sagalassos in Turkey. Although in a trial phase at present, this application can change way people experience museums – allowing virtual 3D voyages through their collections.

### Embedding better services



Appear Networks from Sweden won the Prize in 2003. The Appear Server software platform allows wireless network operators to offer added-value services that are sensitive to the time, location, device and profile of the user. So, for example, a visitor to a trade exhibition can access a stream of information about the stands in his/her immediate vicinity through a handheld device, turning a simple WiFi hotspot into an intelligent workspace. The enabling characteristic of the Appear Server is evident from the client list so far: The largest conference center in Sweden, Stockholm Interna-

tional Fairs, is using Appear Provisioning Server technology to provide location and context specific information to visitors; Stockholm's underground railway uses handheld devices, linked through Appear Server, to provide instant location relevant information on delays and service disruptions to front-line staff and the Paris Metro is also testing the technology. The ability to supply information suited to location and context has many other application areas; hospitals and tourist sites come to mind as places where both customer satisfaction as well as productivity could benefit greatly.



## Still innovating after all these years

When the European IST Prize evaluation group evaluates the applicants, they are looking for products and people that break new ground in changing the way we live, work and play. It is this promise to change the way we do things, by applying information society technologies across a range of activities, that identifies those products and groups with the most potential. Thanks to the support of the European Commission and the Euro-CASE Academies, the European IST Prize is now celebrating its tenth year of rewarding and recognizing such innovative entrepreneurs, and during this time we have watched many of our past Winners build on their successes. Here we have looked at a small number of past Prize Winners, but many others tell the same story.

Each European IST Prize Winner is selected on the basis that their product holds the promise to 'make a difference'. Since receiving the European IST Prize the Winners portrayed here have been active in turning their 'promise' into reality. Building the kind of innovative enterprises that Europe needs, staffing them with the highly skilled workforce that makes them competitive and innovative, and changing the way that Europe's businesses and people experience life. Above all they have not stopped innovating, they are always looking for new and better products and processes that will 'make the difference'.

# The European IST Prize Winners

from 1995  
to 2004

2C3D medical  
3D Plus  
3D Scanners Ltd  
6WIND  
AbsInt Angewandte Informatik  
AcknoSoft  
Active Knowledge  
Advanced Engineering Technology  
Advanced Technology  
Advanced Travel Technology  
AEC  
Aitek  
Aladdin Knowledge Systems  
Animation Science  
Aplio  
Appear Networks  
Applied Spectral Imaging  
Arahne  
Arkus Electronics  
ATKOSoft  
Auralog  
AvatarMe  
Avitraco  
Babboo.com  
Baltimore Technologies  
BATM Advanced Communications  
Beilstein Informationssysteme  
Bildverarbeitungssysteme  
Birdstep Technology  
Bull CP8  
C Technologies  
Calluna Technology  
CAS Software  
Case Technology  
CEDES and CESEM  
Celsius Information System  
CoWare  
C-VIS Computer Vision und  
Automation  
Cybelius Software  
Cycore Computers

Cygron Research & Development  
CyPak  
Daimler Benz Aerospace  
Daon  
Decell Technologies  
Decros  
Decuma  
Definiens  
DFKI  
Digicash  
Digisens  
Digital Vision DV Sweden  
Dresden 3D  
DxO Labs  
ECO-DAN  
Effnet  
Ekahau  
Elan Informatique  
ELCA  
Electrogig Technology  
Elektronika  
Elva  
ESC Electronic System  
Concepts  
Esterel Technologies  
Etnoteam  
EXASOL  
Expert Edge Computer  
Systems  
Eyetronics  
Faculté Polytechnique de Mons  
FAST Multimedia  
Fast Search & Transfer  
FilmLight  
FogScreen  
Fraunhofer IGD

F-Secure  
GEMPLUS  
Genesys Conferencing  
Geutebrück & CO KG  
Graphisoft R&D Rt  
Grid Systems  
Haptica  
Hewlett-Packard Laboratories  
High Wave  
Hugh Symons Concept  
Technologies  
HYDROINFORM  
Hyperwave Information  
Management  
IBM  
IBM Scientific Center, Institut  
for Logic and Linguistics  
ICL Information Technology Centre  
Icomera  
ICONAG - Internet Control and  
Automation  
iD2 Technologies  
Idevio  
Idonex  
Illuminate Labs  
ILOG  
Immobiliser Central Europe  
Ingenium Technology  
In Medias Res  
InMotion Technologies  
Inobiz  
InSightec  
Institute of Electronics and  
Computer Science  
INTELLART  
Intelligent Applications  
Interactive Objects Software  
Interconsult Bulgaria  
International Center for  
Numerical Methods in  
Engineering - CIMNE  
Intershop Communications  
Intertext Data  
interzart AG 3D COMMERCE®  
INTRACOM  
IVEE & Dept. of Computing  
Science, Chalmers University of  
Technology  
IWI

k.s. Waves  
Knowledge Concepts  
Knowledge Support Systems  
Group  
LCI Computer Group  
LEA  
Let It Wave  
Linguatex  
LMS International  
LTU Technologies  
LuraTech Gesellschaft für Luft  
- und Raumfahrttechnologie &  
Multimedia GmbH  
Magori Consulting-Ingenieurbüro  
Marratech  
Materialdata  
Medium Soft  
Metaphor Systems  
Microcosm  
Mindlab  
MINEit Software (Lumio)  
MISON  
MLS LaserLock International  
Molynx  
MONDECA  
MorphoLogic  
MRC Systems  
M-Systems Flash Disk Pioners  
NetGem  
New Index  
Nokia Mobile Phones  
Nomai  
Norwood Systems  
NxN Digital Entertainment  
Software  
Océ  
OMNIKEY  
OnRelay  
Optenet  
Oticon  
PacketFront  
Parkaid  
Philips Austria, Multimedia  
Business Systems & Solutions  
Philips Magnetic Heads &  
Modules (MH&M)  
Picsel Technologies  
PixTech  
Plustech

Praxim Medivision  
Prism Technologies  
Prous Science  
QWED  
Radionor Communications  
Recognita  
Redac Systems  
Right Information Technology  
RunTime  
Sandbox Security  
SC Softwin  
Scalado  
Scytl Online World Security  
Shockfish  
Siemens Nixdorf Informations  
systeme LOB GP  
Silmag  
SIMONE Research Group sro  
Sirma AI  
Skinkers  
Snell & Wilcox  
Softissimo  
Spectronics Micro Systems  
SSH Communications Security  
Steinbeis-Transferzentrum  
Medizinische Informatik  
STMicroelectronics  
SWT  
SYLLEM  
Sympalog  
Syngene division of Synoptics  
Systran  
Tadiran Spectralink  
Target Compiler Technologies  
TCTS Lab.  
TechForce

Technical University of Budapest,  
Dpt. of Telecommunications  
and Telematics  
Technopuce  
Telemedia  
Teleprotect International  
Teles  
The PhonePages of Sweden  
Total Immersion  
TransAction Software  
Trusted Logic  
TTTech Computertechnik  
Unis  
Universitat Politècnica de  
Catalunya & Sistemas  
Radiantes F. Moyano (Fractus)  
University of Greenwich  
Vingmed Sound  
VIRTOOLS  
VirTouch  
VISUCOM®  
VITEC Multimedia  
VITRONIC  
ViVi Software  
Wany  
Web Educationat Support Tools  
(West)  
XiTact  
Zeneca

See all the Winners at :  
[www.ist-prize.org/winners/](http://www.ist-prize.org/winners/)



## The 2005\* European IST Prize Winners

16	Babboo (UK)
17	Cypak (SE)
18	Digisens (FR)
19	DxO Labs (FR)
20	ELVA (FR)
21	F-Secure (FI)
22	FilmLight (UK)
23	FogScreen (FI)
24	Haptica (IE)
25	Illuminate Labs (SE)
26	Let It Wave (FR)
27	New Index (NO)
28	OPTENET (ES)
29	PRAXIM medivision (FR)
30	Scytl Online World Security (ES)
31	Skinkers (UK)
32	SYSTRAN (FR)
33	Teleprotect International (NL)
34	Total Immersion (FR)
35	VirTouch (IL)

\* The Prizes are awarded at the end of the year.  
To allow the European IST Prize Winners to fully benefit from their nomination, the Prizes are named the year after they are awarded.  
The Prizes awarded in September 2004 are "the 2005 European IST Prizes".



## XClone

World's first automated cloning solution for corporate databases and applications.

### The product

40% of the world's major organisations use Oracle databases and applications. These organisations need 'clones' – exact replicas of their database environments – for training, testing and maintaining their systems. They currently spend large sums of money managing this cloning process, and use up valuable time from their most experienced technical staff.

XClone, from Babboo, is the world's first fully-automated, graphical software solution for cloning databases and applications.

Not only is it simple enough for non-experts to use, it delivers huge savings for its users. It reduces the time it takes to deliver clones, from as much as 4 days per clone down to a few hours. This alone can save tens of thousands of Euros each year.

XClone doesn't just save time and money: it helps improve operational efficiency through better management of the entire development process, reduces system down-time, and allows staff to focus on creating better applications, with more user involvement and with fewer bugs. It also improves the movement to new versions of database software, as multiple clones are required during these migrations.

### The company and the team

Babboo is a relatively young software company, started in the UK and with offices in San Francisco. The company grew out of a group of database consultants who were frustrated with the repeated manual tasks required to get the best out of their customers' databases and applications, and the fact that the underlying technology becomes more complex with each release.

Its first solution was a custom application created for Lloyds TSB, one of Europe's largest financial services providers. Success with this software led to XClone, which was developed by the founders of Babboo.com. Now, the company has continued to grow, and customers are attesting to the benefits and savings from using XClone. Not only is it addressing the pure, technical challenges facing organizations today, but it is also helping those organizations reap the social benefits of improved productivity, efficiency and quality.

The company is self-financed by its founders and advisory board members.

A full version of XClone is available for free evaluation at [www.babboo.com](http://www.babboo.com). If you have questions, or would like a customizable ROI tool, email [sales@babboo.com](mailto:sales@babboo.com).

Contact	Mr Steven Marsh
Address	Babboo - West Point - 78 Queens Road BS8 1QX Bristol
Country	United Kingdom
Telephone	+44 11 79 85 69 99
Fax	+44 11 79 2115 94
E-mail	<a href="mailto:steven.marsh@babboo.com">steven.marsh@babboo.com</a>
Web	<a href="http://www.babboo.com">www.babboo.com</a>

# CYPAK



## **PIN-on-Card technology**

Contactless smartcard with integrated PIN pad for secure verification over the Internet.

### **The product**

In less than one decade the Internet has become a vital part of communication infrastructure for business, organisations and individuals. But a fundamental part is seriously being threatened - identity and trust. Personal data stored in standard computers is being compromised. Passwords entered on computer keyboards are being copied. To protect our identity and integrity from attacks by malicious code, there is an obvious solution - move sensitive data out from the computer!

The PIN-on-Card technology consists of a microcontroller and numeric keypad sensors for integration into a contactless smart card. Placed on a reader connected to a computer, the user is verified by entering a PIN on a keypad on the card. The PIN, personal information and secret keys are securely stored in the card - not in the computer. The information only leaves the card as highly encrypted and digitally signed messages, and cannot be copied or eavesdropped over the Internet.

The solution has been successfully validated in field trials. It is cost effective, easy to use and provides the highest level of security.

### **The company and the team**

Cypak is a Swedish technology innovator and pioneer in the field of making simple objects smart, secure and connected.

Our business is to license and sell a patented set of high-end RFID and low cost computer technologies for turning paperboard packaging, cards and other static objects into secure data collection devices, capable of interacting with the user.

Since the company was founded in 1999, the technology has enabled a range of new products, including intelligent and disposable pharmaceutical packaging, electronic tape with time-tagged tamper detection and contact-less smart cards with integrated PIN pad.

We are actively working with system integrators and product companies in various industries, bringing small but vital parts to larger and vulnerable computer based systems.

To explore how Cypak technology can support your business, please visit [www.cypak.com](http://www.cypak.com). Here you can also order evaluation kits with working samples of our first reference designs.

Contact	Ms Stina Ehrensward
Address	Cypak - Funckens Gränd 1 - Box 2332 10318 Stockholm
Country	Sweden
Telephone	+46 8 545 008 35
Fax	+46 8 545 008 36
E-mail	<a href="mailto:stina@cypak.com">stina@cypak.com</a>
Web	<a href="http://www.cypak.com">www.cypak.com</a>



## VMGS - Virtual Museum Global Solution

VMGS is an innovative offering for cultural heritage and scientific research from 3D CT digitization to interactive visualization of museum's objects by means of net connection for visitors and research needs.

### The product

The Digisens VMGS is the result of technological convergence that provides answers citizen and scientists requests: educate oneself by sharing worldwide information anytime anywhere while protecting the cultural heritage of humanity.

Our targeted customers are Museums. They all expect to develop ICT and data storage solutions for 3D cultural heritage. The Digisens solution is reassuring to customers, because it is a user friendly global offering from volume and surface digitization to interactive visualization with light and efficient data.

VMGS incorporates a 3D Computed Tomography scanner based on latest X-Ray technology, which solves, for the first time, all 3D digitizing problems and a software suite for real time viewing in art work web sites. For the general public the software blends 3D renderings with pedagogic multimedia. For researchers it provides high resolution databases and measuring tools.

A first sale to a prestigious institution like the C2RMF research center in the Louvre museum and the prize "seal of innovation" at the international museum fair (SITEM) confirm the competitive advantage of our innovative VMGS offering.

### The company and the team

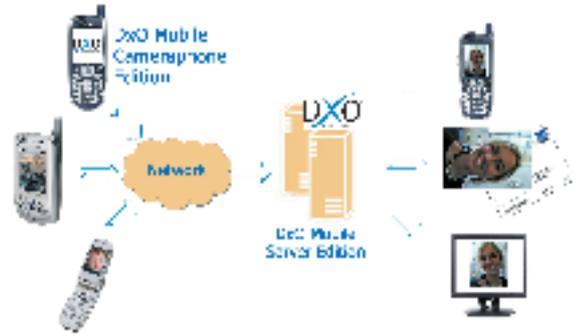
Digisens is a two year old company run by founders Dr Curnier, member of Geneva (CH) dental school, and Mr Gascuel (Ecole Normale Sup ULM) CNRS researcher in the INRIA Grenoble (F) and four other employees (average age 27).

The Digisens know-how is based on the experience of 3 engineers' R&D capacity coming from ARTIS a leading computer graphic lab. The first Digisens product is a virtual reality simulator for surgical skill training. In 2003, Digsens sold the first dental virtual training room in the world.

The technology is based on cutting-edge digitization and visualization methods for virtual reality simulation. There is an existing market demand to make this innovative development cost effective: the virtual museum. The company impetus for virtual museum is the same as for the dental simulator product:

- Create a unique market offering builds on a strong technological development
- Gain professional recognition by means of prize and contest
- Generate initial sales to show investors our market/-innovation suitability
- Source funding via capital venture to facilitate the internationalization of the product.

Contact	Mr François Curnier
Address	Digisens - 13B Chemin du Levant 01210 Ferney-Voltaire
Country	France
Telephone	+33 4 79 65 89 16
Fax	+33 4 79 65 89 16
E-mail	francois.curnier@digisens.fr
Web	www.digisens.fr - www.digitalscanservice.com



## DxO Mobile Solutions

DxO Mobile Solutions provide Mobile Operators with a wide set of server software, embedded software, marketing and photography expertise they need to enable the best photo experience from a single wireless device.

### The product

DxO Labs has developed specific "DxO-powered" solutions to help Mobile Operators enhancing the quality of any image. The DxO Mobile Solutions offer a variety of comprehensive, far-ranging solutions to Mobile Operators in order to grow their photo revenues.

DxO provides Mobile Operators with a complete "End-to-end Photography Solution" composed of the "DxO Mobile Cameraphone Edition" in the handset and the "DxO Mobile Server Edition", in order to provide end user with an optimal image quality and a rewarding photo experience.

DxO Mobile Cameraphone Edition is an embedded software enhancing image quality and providing photo services adding ease of use, photography help and quick photo notepad. DxO Mobile Cameraphone Edition raises dramatically the end user experience to a new level making the cameraphone a photographic MUST HAVE.

DxO has developed a server software suite turning mobile operator network into a competitive photo lab for any cameraphone helping consumers improve, print and share their pictures. DxO Mobile Server Edition differentiates the mobile operator network for services such as email, album, mobile to mobile, postcard and prints with enhanced image quality.

### The company and the team

DxO Labs is a software company developing image processing technologies and image quality enhancement solutions. We provide reliable, off-the-shelf solutions for both end-users - serious amateur and professional photographers, photography journalists and experts - and companies in the imaging business such as digital camera or cameraphone manufacturers, mobile operators, and printing or photofinishing professionals.

The DxO Foundations are a set of software components to automatically enhance image quality by addressing the major issues that impact the imaging chain such as Blur, Contrast, Noise, Demosaicing, Distortion, Vignetting, Lateral Chromatic Aberration, etc.

DxO Labs management team brings significant experience in technology start-ups, image processing and the imaging industry. DxO Labs leverages relationships with the world's leading research centres in applied mathematics, and image processing to continuously access new technologies, and benchmark its own technology versus the state-of-the-art. The company's Scientific Committee includes some of the leading experts in the world.

Contact	Mr Rémi Lacombe
Address	DxO Labs - 3, rue Nationale 92100 Boulogne-Billancourt
Country	France
Telephone	+33 1 55 20 55 99
Fax	+33 1 55 20 55 98
E-mail	rlacombe@dxo.com
Web	www.dxo.com



## Vocalid™ Technology

Vocalid™ Technology provides a crypto acoustic interface in a standard format card.

A Vocalid™ card provides secure online transactions by sending dynamic authentication codes via any telephone or PC, without card readers.

### The product

In addition to the usual functions of conventional magnetic and smart cards, Vocalid™ technology provides the innovative crypto acoustic features, which radically enhance ergonomics, security and mobility in the area of online applications for the general public. A slight pressure on the card next to a phone set or a computer microphone is sufficient to authenticate online. The crypto acoustic process consists of sending cryptograms online within sound sequences. These cryptograms are used as dynamic passwords in replacement of conventional fixed logins or card numbers-based process.

No card reader is required: Therefore a Vocalid™ card-holder uses any phone or PC, anywhere in the world with the same level of security. Moreover he enjoys not being required to type long codes, sending card numbers online or memorising passwords.

Vocalid provides convergence and enhances consumer and citizen's global transactional environment: cards are already the international standard for transactions in the real world. By adding its crypto acoustic chip to any of these cards, Vocalid™ aims at extending card-based standards toward a secure online environment for the benefit of users and service providers.

### The company and the team

Elva S.A. is a French company specialised in the conception and development of chip-based technologies. In addition to Vocalid, Elva's design centre has conceived several chips currently marketed by Atmel (semi conductor manufacturer) all over the world in different fields of applications.

Vocalid™ technology, based on a specific, patented and unique chip design and security process, is Elva's main innovative achievement.

Recently, Elva has been the conceiver and consortium's leader of the first Vocalid™-based transactional European platform: iProved. The platform unveils secure online access, e-commerce and e-payment from any phone or PC using Vocalid™ cards. This project has ended January 2004 and has been supported by the European Commission (IST Program). The successful field trial is now leading the iProved consortium to a new and innovative business model.

Elva's staff is 5 permanent people. It should be extended with the need for technical support and marketing in the course of Vocalid™ products deployment. Today Elva's sales and marketing rely on its network of distributors and partners at the international scale including Europe, United States and China.

Contact	Mr Serge Parienti
Address	Elva - 74, avenue Edouard Vaillant 92100 Boulogne
Country	France
Telephone	+33 1 41 31 66 77
Fax	+33 1 41 31 66 70
E-mail	vboutet@elva.fr
Web	www.elva.fr - www.iproved.org



## F-Secure Mobile Anti-Virus

Provides automatic real-time protection on your mobile device against harmful and malicious content. It is the only antivirus solution in the world that can be incrementally updated with SMS messages.

### The product

Smartphone user has the best-featured device on the market and should be able to use all benefits that the Smartphone offers without worrying about mobile threats.

F-Secure Mobile Anti-Virus solution protects mobile devices against harmful and malicious content. Smartphone users can securely surf web and WAP, receive messages through SMS, MMS and emails over Bluetooth, synchronization, infrared and cable connection. Mobile Anti-Virus scans automatically & real-time all traffic, blocks malicious content and informs the user of any suspicious content.

The Mobile Anti-Virus users do not need to worry about updating the client as the F-Secure Mobile Anti-Virus client uses F-Secure patented SMS update service to update the client with the latest anti-virus updates. The F-Secure Mobile Anti-Virus users have the best & fastest protection at all the times.

F-Secure Mobile Anti-Virus is available for Symbian S60 phones now at the F-Secure web site: [www.f-secure.com](http://www.f-secure.com). Other platforms will be supported later 2004.

Contact F-Secure mobile security sales at [wireless-sales@f-secure.com](mailto:wireless-sales@f-secure.com).

### The company and the team

F-Secure Corporation protects individuals and businesses against computer viruses and other threats coming through the Internet or mobile networks. The award-winning solutions include antivirus, desktop firewall with intrusion prevention and network encryption. F-Secure's key strength is the speed of response to new threats.

F-Secure is also the world leader in mobile content security solutions. The product range includes solutions for securing mobile content from Java to native applications on both Symbian OS and Windows Mobile, in the network as well as on the terminals. The fully automatic antivirus clients with the patented SMS update service form the most comprehensive wireless antivirus solution in the market.

Founded in 1988 in Finland, F-Secure is a European company listed on the Helsinki Exchanges since 1999. Headquarter is located in Finland, and offices in USA, France, Germany, Sweden, UK and Japan. F-Secure is supported by a value added resellers and distributors in over 50 countries. F-Secure protection is also available through major Internet Service Providers, such as Deutsche Telekom and France Telecom.

Contact	Ms Mira Sivonen
Address	F-Secure - Tammasaarenkatu 7 00181 Helsinki
Country	Finland
Telephone	+358 9 25 20 07 00
Fax	+358 9 25 20 50 15
E-mail	<a href="mailto:mira.sivonen@f-secure.com">mira.sivonen@f-secure.com</a>
Web	<a href="http://www.f-secure.com">www.f-secure.com</a>



## Baselight Eight

High-end colour grading and finishing workstation for motion picture mastering, providing real-time, multi-format operation at very high resolutions.

### The product

Baselight Eight is the first product based on SpeedFX technology. The extremely high bandwidth and high performance offered by the platform enable an unlimited number of layers for colour grading and other effects to be applied during digital film finishing. Through the use of multiple parallel processors, each working on a different part of the image, high resolution digital film sequences can be manipulated in real-time, at full resolution, effectively bypassing innovation in the computing industry by scaling existing technology for high band-width applications.

Baselight Eight is composed of a synchronized cluster of eight computer nodes, each made up of standard PC components. The SpeedFX architecture uses a proprietary method to combine the graphics output from each node, enabling fully interactive, real-time operation at the highest mastering quality.

SpeedFX was designed specifically for the high bandwidth requirements of large-scale digital imaging for film, digital cinema, visualisation and medical applications, offering massive scalability directly in line with the number of processors. By adding further nodes, Baselight Eight and other upcoming applications can be easily expanded, supporting even higher resolutions and faster performance.

### The company and the team

FilmLight is based in London, with offices in Los Angeles, and now employs more than 30 full-time staff. FilmLight was established as an independent company in April 2002 by Wolfgang Lempp, Steve Chapman, Peter Stothart and colleagues from the former Computer Film Company, pioneers in digital film technology since 1986. FilmLight has grown rapidly in direct response to the success of its products for the film making community; most notably the highly acclaimed Northlight film scanner, with more than 25 units currently in use world-wide. Throughout 2003-2004 growth has continued with the addition of the Truelight and Baselight product families.

Our technology base is rooted in over fifteen years experience of digital film post production, having pioneered and developed digital film techniques on hundreds of feature films. This core experience has been augmented with the recruitment of leading technologists to create a team with unique technical breadth and depth.

FilmLight's portfolio of skills includes multiple design disciplines: industrial, mechanical, optical, electronic and software engineering; production engineering and manufacturing quality control, and highly skilled test and support engineers.

Contact	Mr Wolfgang Lempp
Address	FilmLight - 38 Bedford Square WC1B 3EL London
Country	United Kingdom
Telephone	+44 20 76 31 49 05
Fax	+44 20 76 31 49 06
E-mail	wolf@filmlight.ltd.uk
Web	www.filmlight.ltd.uk



## FogScreen

FogScreen, the unique walk-through projection screen. FogScreen makes it possible to walk through images, and write and draw in the air.

### The product

The FogScreen is a penetrable, immaterial projection surface, consisting of dry fog made from pure tap water with no chemicals. The fog feels dry and cool to the touch. The screen is easily switched on and off in seconds. The FogScreen is thin and flat and thus creates a high-quality projected image. The image seems to magically float in thin air. With just two standard projectors, you can even create a different image on front and back. There are numerous applications for this technology: point-of-sale advertising, event and exhibition marketing, entertainment industries, corporate and home use. Also military and medical solutions of interactive screen are examined.

There is no frame around the screen; the fog screen is created by a fog-generating unit that is hanging above it. A mild airflow coming down from the fog unit regenerates the screen continuously. The unit is suspended from the ceiling, truss or other scaffolding, so that the bottom of the unit is about 2.2 meters (7 ft.) off the ground. The unit is robustly built and easily transportable.

### The company and the team

FogScreen Inc., founded in 2003, develops, manufactures and markets products based on the patented FogScreen technology. The privately-held company has its headquarters in the Seinäjoki Technology Center, Finland.

Our mission is to provide and deliver tools for creating most innovative, unique experiences or eye-catching attractions based on projecting on air to help clients to rise attention and win more business.

Our vision is a living room in 2010 being furnished with a FogScreen, which appears when TV or video is to be viewed. It can be centrally located, as users can walk through the screen. Two programmes may be watched on the two sides of FogScreen.

The company sees the current FogScreen technology and product as a starting point for an unparalleled product line which will blend together fog, digitality, interactivity and a great deal of innovation.

The team is composed by CEO Mika Herpiö (39), Dr Karri Palovuori (37), Dr Ismo Rakkolainen (41), Jan Landkammer (31) and Juuso Liljeroos.

Contact	Mr Mika Herpiö
Address	FogScreen Inc. - Seinäjoki Technology Center Kampusranta 9C - 60320 Seinäjoki
Country	Finland
Telephone	+358 20 1244 024
Fax	+358 20 1244 020
E-mail	mika.herpio@fogscreen.com
Web	www.fogscreen.com



## ProMIS™

Minimally Invasive Surgery training system that uses augmented reality to combine virtual reality with real surgical instruments.

### The product

Minimally Invasive Surgery (MIS) is a rapidly developing field. Consequently there is a need to provide efficient, cost-effective training to maintain the high standard of skills within surgical teams.

ProMIS™ is an open platform that delivers a blended solution for training MIS teams. Haptica's unique platform technology integrates a patient manikin, real surgical equipment, objective assessment of surgical skills, 3D graphics and certified curricula.

ProMIS™ contains a number of ground breaking innovations.

- A user interface based on real-time 3D computer vision tracking
- A Virtual Reality(VR) simulation of the abdomen that reacts to real surgical instruments
- A motion analysis system to objectively measure surgical skills
- A fully interactive 3D Augmented Reality (AR) system that blends video and interactive graphical objects
- Augmented reality lesson creation tools for non-programmers

### The company and the team

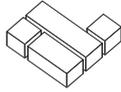
Haptica is an Irish company that was founded in 2000. The company is a spin out from Trinity College Dublin and is built on a strong research track record in computer vision and robotics.

Previously Haptica has commercialised mobile robot aids for the disabled and partnered on work to develop embedded vision systems for consumer applications.

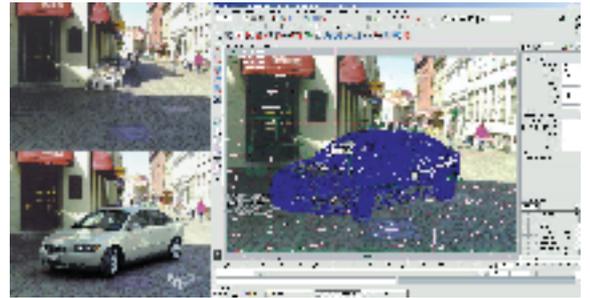
Currently Haptica employs 18 people in Dublin, Sweden and the USA. The company is dedicated to improving healthcare delivery by developing innovative products based on our core technology.

We work closely with world-leading surgeons and industry partners to develop new and innovative products.

Contact	Dr Gerard Lacey
Address	Haptica - Unit 1 - Trinity Enterprise Centre Pearse Street - Dublin 2
Country	Ireland
Telephone	+353 1 635 9775
Fax	+353 1 675 2182
E-mail	gerard.lacey@haptica.com
Web	www.haptica.com



ILLUMINATE LABS



## Turtle™

Turtle™ is a radically faster rendering software for creating photorealistic digital images from 3D computer models.

### The product

Rendering is the process of creating digital images from 3D computer models. Modern visual digital entertainment and industrial design processes depend on rendering for the creation of images. Rendered images of the highest quality are referred to as "photorealistic" as they are impossible to distinguish from real photographs.

Turtle™ is a rendering software for radically faster creation of photorealistic images from 3D computer models. Turtle™ users in animation, automotive, industrial design, architectural visualisation and computer game industries have gained dramatic productivity increases when switching to Turtle™.

Turtle™ allows a more efficient workflow and increased performance in image production, resulting in greater visual quality in films, games, product design and architecture.

### The company and the team

Illuminate Labs develops and markets rendering technology for CGI, design visualization and digital content creation. The company was founded in 2002 to commercialize research breakthroughs in computer graphics at Chalmers University of Technology.

During 2002-2004, the product development team focused on developing the company's first product - the rendering software Turtle™. Turtle™ was released for the Maya® animation platform in July of 2004. Among the first customers were Sony and Nintendo.

Illuminate Labs is based in Gothenburg, Sweden, and is represented internationally by over twenty resellers in fifteen countries.

For more information, go to [www.illuminatelabs.com](http://www.illuminatelabs.com).

Contact	Mr Per Hulthén
Address	Illuminate Labs - Stena Center 1C 412 92 Gothenburg Sweden
Country	Sweden
Telephone	+46 31 772 84 32
Fax	+46 31 772 80 91
E-mail	<a href="mailto:sales@illuminatelabs.com">sales@illuminatelabs.com</a>
Web	<a href="http://www.illuminatelabs.com">www.illuminatelabs.com</a>



**JPEG-2000**  
500 bytes



**LET IT WAVE**  
500 bytes

## CodeCID

CodeCID is a compression software enabling the storage of high-quality identity photos with as few as 500 bytes, for secured documents such as ID cards, visas, access badges.

### The product

CodeCID is a product for the identification document market, providing a high security at a low cost. It improves by a factor three the state of the art of photo ID compression. As a result, CodeCID can store an encrypted ID photo on 2D bar codes or low memory contactless chips, embedded in identification cards including passports and driving licenses. The identification of the document holder is secured by checking the stored digital photo with a reading terminal such as a PDA.

An encrypted digital photo can not be forged, which provides a much higher security level than printing a photo on a document. Personalized smart cards can also be reused in a transport pass, by changing the digital photo stored in the chip.

On secured police and army networks, CodeCID enables efficient transmission of ID photos. Faster and cheaper transmission is obtained with better image quality thanks to its exceptional compression rate.

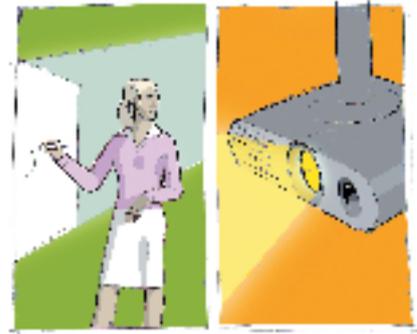
### The company and the team

Let It Wave was created in 2001 by four internationally known experts in image processing, including Stéphane Mallat, co-inventor of the wavelet technology embedded in the image compression standard JPEG 2000. Let It Wave was awarded in 2002 the French first national prize for innovation.

The company has developed and patented a breakthrough image processing technology that takes advantage of multi scale geometrical image properties for image compression and image quality enhancement.

Besides its IST prize-winning CodeCID product, Let It Wave is commercializing a product that improves the resolution of videos for security applications and High Definition Television. Its image quality enhancement technology is also used for satellite observation and seismic imaging (oil exploration).

Contact	Mr Thierry Maupetit
Address	Let It Wave - XTEC - École Polytechnique Route de Saclay - 91128 Palaiseau cedex
Country	France
Telephone	+33 1 69 33 28 90
Fax	+33 1 69 33 30 44
E-mail	maupetit@letitwave.fr
Web	www.letitwave.fr



## New Index™

This disruptive technology from New Index creates a scalable and instant electronic whiteboard directly on any wall. All electronics may be integrated into a data projector. The pen can even be a piece of plastic.

### The product

New Index' product is a drawing, writing and pointing device for meeting rooms, video conferences and education. One may draw or write as if on an ordinary blackboard, but electronically, directly on the screens from the data projector. The resulting presentation may be directly used as meeting minutes, lecture notes, as input to electronic document processing tools, or as a starting point for a new meeting, lesson or class.

The system has several unique features:

- Simplicity and scalability: No installation. Automatic calibration for different screen sizes.
- No maintenance: The pen and eraser can be totally passive (without electronics and batteries).
- Low price: The system comprises low-cost standard components.
- Flexibility: The whiteboard is invisible if not in use. The original building architecture is kept untouched, and the installation budget is lowered.
- Performance: The system utilizes digital video camera chips, as found in mobile phones, with their steadily increasing performance.
- Patented technology: High resolution and speed is achieved by using special optical patterns, applied on the pen surface or projected from the pen.

### The company and the team

New Interaction Devices and Technologies AS, or New Index AS for short, was founded in January 2003 in Trondheim, Norway, by the inventor and CEO, Dr. Tormod Njølstad, to commercialize his patented idea and in later stages develop other novel products for intuitive interaction. Our low-cost e-whiteboard technology has a large market potential in the education sector.

The staff and owners represent substantial operational, industrial and academic experience. The Chairman of the Board, Hans Olav Torsen, has co-founded and headed another Norwegian high-tech company from start in 1984 to a USD 150 Mill. turnover in 1998.

New Index AS will focus on product development with core competence in digital circuit design, digital signal processing, cybernetics, optics and industrial design. New Index is currently in discussions with potential partners to establish licensing agreements and/or OEM delivery agreements.

The company is co-located with the Norwegian University of Science and Technology, NTNU, and the largest research institute in Scandinavia, SINTEF. This network of professors, researchers and students will actively be used to make the electronic whiteboard technology from New Index a further success.

Contact	Dr Tormod Njølstad
Address	New Index - Richard Birkelandsvei 2B 7491 Trondheim
Country	Norway
Telephone	+47 73 55 18 78
Fax	+47 73 55 18 70
E-mail	tormod.njolstad@newindex.no
Web	www.newindex.no



## OPTENET Antispam

The most effective Antispam that blocks and manages spam, other unwanted emails and dangerous attachments through the use of artificial intelligence techniques developed by OPTENET.

### The product

OPTENET Antispam blocks the reception of unwanted emails and spam. Additional functionalities are the elimination of unwanted attachments, rapid-response reporting, and the management of unwanted emails through a quarantined zone.

OPTENET Antispam has a filtering accuracy superior to 94% and a false positive ratio of virtually 0%. It processes 1.000 emails/second with complete scalability to any number of emails per second.

The integrated cluster system designed to manage spam is based on three main modules, filtering, quarantine and reporting, which allow OPTENET Antispam to work in highly complex environments and simple architectures.

Emails are diagnosed using a semantic content analyser, a spammer and URL database based on the organization's own preferences and OPTENET's own continuously updated database.

The managed service option makes installation at the client level unnecessary and novel solutions for ISPs are also available.

### The company and the team

OPTENET is a leading provider of optimal Internet access solutions (content filtering, anti-spam, ads-free browsing, real time monitoring tools, etc.) throughout Europe and The Americas.

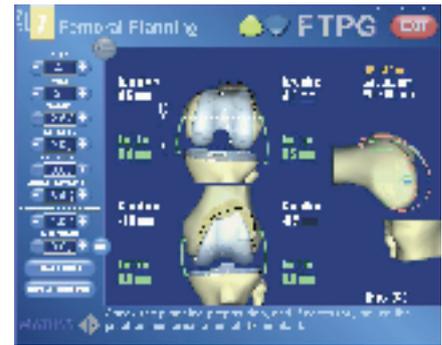
Established in San Sebastian, Spain, in 1997, OPTENET was founded on the principle of providing filtered Internet access services to residential users.

Through time and experience OPTENET evolved into a software company focused on providing Internet access solutions to all types of users.

Today, OPTENET is the undisputable leader of optimal internet solutions in the Spanish market, as well as a key player in Europe and an increasingly important newcomer in the US and Latin America.

OPTENET currently has over 60 employees in Spain, France, the UK, Italy, the USA and Mexico, of which half work on R+D+I. OPTENET is a fast-growing company with excellent references from corporations and ISPs. Over 5 million users have chosen OPTENET Solutions.

Contact	Mrs Ana Luiza Rotta Soares
Address	Optenet - C/ José Echegaray nº 8 Edif. 3 Parque Empresarial Alvia - 28230 Las Rozas, Madrid Spain
Country	Spain
Telephone	+34 902 154 604
Fax	+34 943 30 81 82
E-mail	al.rotta@optenet.com
Web	www.optenet.com



## SURGETICS Kneelogics Application

The SURGETICS Kneelogics Application is a Computer-Assisted Surgical System dedicated to the precise positioning of implants and grafts in Knee Replacement and Anterior Cruciate Ligament surgery.

### The product

Orthopaedic Surgery is a demanding area where operative planning is essential, but very hard to transfer in the operating room, and where great precision is required. This, however, relies heavily on the individual knowledge, skills and experience of the surgeon.

The Surgetics Kneelogics Application that runs on Surgetics station®, allows a precise planning for Knee implant and Anterior Cruciate Ligament positioning during surgery, and combines relevant anatomical patient data with pre-operative statistical knowledge. Planning is thus fully adapted to the patient's anatomy. Easy to use, the Surgetics station® includes cameras which emit infrared signals and receive those sent by the reflective markers that are fixed to the surgeon's tools, and thus allow the surgeon to view the position of surgical instruments in real-time and in three-dimensions. The system helps the surgeon performing exactly the planning with a submillimetric guidance and a less invasive approach.

Benefits are clear for both the surgeon and the patient :

- more accurate implant placement,
- reduced risk of revision surgery,
- reduced surgical invasiveness and pain,
- reduced risk of errors.

### The company and the team

PRAXIM was founded in 1995 by academic researchers from the CAMI (Computer-Assisted Medical Interventions) team (CNRS & UJF, France). This multidisciplinary team of international scientists, mathematicians and physicians leader in computer-assisted surgery with over 15 years' experience, more than 200 publications and 20 international patents, is internationally recognized by several awards.

In October 2003, PRAXIM acquired one of its competitors, Medivision based in Switzerland. Medivision was closely linked with the Institute for Surgical Technology and Biomechanics (STB) from the Müller Research Center for Orthopaedic Surgery. This acquisition helped double PRAXIM's installed base and acquire key positions in Germany, Austria and Switzerland.

PRAXIM medivision is a privately owned company with a strong focus in the Orthopaedic field. With more than 18 partnerships with major orthopaedic companies and 200 systems installed all over the world, PRAXIM medivision has a clear objective: to develop innovative, simple and clinically effective computer-assisted solutions in order to improve the quality of surgery for patient's benefit.

Contact	Ms Marie de La Simone
Address	PRAXIM medivision - 4 Avenue de l'Obiou 38700 La Tronche
Country	France
Telephone	+33 4 76 54 95 03
Fax	+33 4 76 03 75 21
E-mail	delasimone@praxim-medivision.com
Web	www.surgetics.com



## Pnyx.core

Pnyx.core is a software solution that provides security, privacy and trust to electronic voting platforms.

### The product

Pnyx.core is a set of software modules that are integrated into electronic voting platforms to guarantee the same level of trust, privacy and security that you get in conventional electoral systems. Pnyx.core derives from more than 10 years of research and development and is protected by international patents.

The main objective of Pnyx.core is to allow a virtual end-to-end dialogue between the voter and the electoral board, avoiding the need to trust the complex technological infrastructure and privileged personnel sitting between them.

Pnyx.core has been successfully installed in several e-voting platforms in Europe, including the platform of the Swiss canton of Neuchâtel, one of the only two permanent Internet voting platforms for binding elections and consultations in the world. Pnyx.core was also recently used in Madrid Participa, one of the largest e-participation events in Europe.

### The company and the team

ScytL is a software company specialized in application-level cryptography and a worldwide leader in developing security solutions for the electronic voting industry.

ScytL was formed in 2001 as a spin-off from a leading research group at the Universitat Autònoma de Barcelona that has pioneered the research of security solutions for the electronic voting industry since 1994. This group accounts for over 20 scientific papers published in international journals, holds the only two European PhD thesis on the subject and participated in the first Internet binding election in Europe in 1997.

ScytL designs and implements special cryptographic protocols with the objective of guaranteeing critical security requirements that other conventional security measures do not cover. Conventional solutions such as firewalls, perimeter protection and gateway or transport encryption do not sufficiently address the specific security issues of certain sectors with strong security requirements. ScytL's application-level cryptographic solutions provide a new layer of security by directly addressing those specific security requirements.

Contact Address	Mr Ramon Barriga ScytL - Entença 95, 4-1 08015 Barcelona
Country	Spain
Telephone	+34 93 42 30 324
Fax	+34 93 32 51 028
E-mail	ramon.barriga@scytL.com
Web	www.scytL.com

# SKINKERS®



## Skinkers Desktop Alerts

Skinkers Alerts are a business controlled channel to the desktop of computer users that guarantees important messages are seen when most needed.

### The product

With email communication starting to fail under the pressure of "spam" and viruses, it is crucial for business to be able to guarantee the delivery of important messages to both customers and employees.

Skinkers have created a software technology that allows businesses of all sizes to quickly and cost-effectively deploy their own high-priority message delivery channel to the desktop of their employees or their customers worldwide.

Skinkers Alerts are very effective as they can:

- deliver messages at a predefined time
- support hundreds of thousands of users in a very cost effective way
- track how many people receive and interact with the messages
- deliver alerts both to anonymous and identified users
- control the look and feel of messages for brand control
- drive people to other information on the internet/ intranet/television/etc
- deliver large multimedia files in a highly optimised way

Skinkers Alerts power high profile communication services such as BBC News Alerts, Il Sole 24 Ore Flash News, Cisco Systems Exec Messaging, the London Stock Exchange Internal Alerts and many others.

### The company and the team

Skinkers is a privately owned UK software company founded in 2001. Skinkers started commercialising desktop alerts in early 2002. Clients include Blue-Chip organisations from all sectors and in particular companies that have communication at the core of their business model or that realise the importance of effective internal communication to grow their businesses.

Skinkers has gained a leading position in the space of desktop alerts and notification in the UK and it is quickly expanding in Italy, Germany, Ireland, Australia, South Africa and the United States of America.

The company's focus is to establish desktop alerts as the primary channel for urgent and priority desktop communication.

Skinkers was founded by Matteo Berlucci, and David Long. They shared the dream of creating an alternative to email. In their words "We wanted to provide companies with the digital equivalent of a courier service. When you need to send an important letter you don't send it via the standard postal service but by courier. Why shouldn't companies be able to do this on the Internet too?"

Contact	Mr Steve Harper
Address	Skinkers - 28-30 Kirby Street EC1N8TE London
Country	United Kingdom
Telephone	+44 20 75 79 83 50
Fax	+44 20 75 79 83 51
E-mail	steve@skinkers.com
Web	www.skinkers.com



## SYSTRAN Professional Premium™ 5.0

The leading language translation software for multilingual communication and expert-level translations. Reliable and proven, SYSTRAN Professional Premium™ 5.0 combines the latest language translation technologies for today's multilingual marketplace.

### The product

SYSTRAN Professional Premium 5.0 represents the most sophisticated language translation software, capable of multi-level customization. You can easily translate files in Word, Outlook, PowerPoint, Excel, and Web pages in Internet Explorer™, directly from your Microsoft® Office desktop with SYSTRAN Professional Premium. It also supports quick translations of business-critical PDF documents, XML, and other universally used file formats, all while preserving the original layout of your document.

Integrated into SYSTRAN Professional Premium are customization tools that enhance translation results and ensure efficient management of translation projects. These include 5 specialized dictionaries – Business, Colloquial, Industries, Sciences, Life Sciences – covering 20 domains, a highly intuitive dictionary manager that allows you to train the software to understand your company's terminology, language normalization dictionary, integrated translation memory, and a translator's workbench.

Use of SYSTRAN Professional Premium results in higher quality translation results when used with the advanced customization tools and an increase in user productivity levels and time-savings.

### The company and the team

SYSTRAN develops the world's most extensible and modular Language Translation Technologies. Our core technologies power innovative translation solutions for the Internet, PCs and networks that facilitate global communication in 40 language combinations and in 20 specialized domains.

SYSTRAN markets the most widely used Translation Software in the world covering desktop products, scalable client-server applications and ASP solutions.

SYSTRAN's enterprise solutions automatically enable the creation of multilingual content for businesses to manage huge amounts of knowledge assets. SYSTRAN solutions are applied across diverse best-practice solutions for intra-company communications, content management, online customer support, eCommerce, email systems, chat, and more.

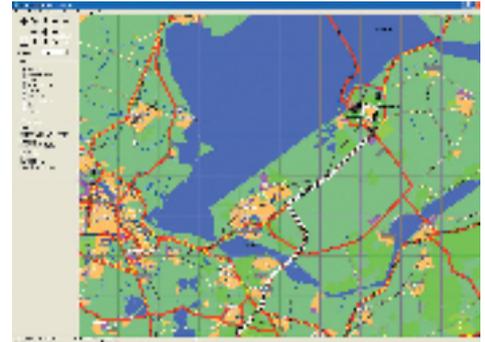
The choice of leading search engines like Google™, Yahoo!® and AOL®, as well as global corporations and governments, SYSTRAN's proven expertise spans over 35 years of building customized translation solutions through open and robust architectures.

SYSTRAN SA is headquartered in Paris, France and maintains a subsidiary office in San Diego, USA.

Contact	Mr Dimitris Sabatakakis
Address	Systran - Paroi Nord - La Grande Arche 1 Parvis de la Défense - 92044 Paris La Défense Cedex
Country	France
Telephone	+33 1 47 96 86 86
Fax	+33 1 46 98 00 59
E-mail	sabatakakis@systran.fr
Web	www.systransoft.com



**TELEPROTECT International b.v.**



## Teleprotect

An open platform for tracing and tracking via Internet.

### The product

The history of tracing and tracking technology started in the early nineties with hardware that was specially developed for police and other emergency services; enabling instant remote surveillance, mapping, interactive communications and immediate access to relevant back-ground information. The benefits to other fields such as logistics and personal security were soon recognized and led to a variety of new applications.

The only problem is: tracing and tracking applications are dedicated and stand-alone. They can't communicate with other systems and are designed to run only on those computers where the application has been installed. Suppliers sell the combination of their specific (SMS, GSM, GPRS, Satellite) wireless hardware and their specific dedicated back-office system, thus creating a captive customer. And, even more importantly: keeping the tracing and tracking technology out of reach of many companies and private individuals who simply cannot afford the necessary investments.

Teleprotect has filled the gap with an open but secure platform for tracing and tracking via Internet. It's a user-friendly interface offering simultaneous communication and worldwide coverage, simply available on a subscription basis.

### The company and the team

Teleprotect's aim is to offer tracing and tracking technology to a wider audience, thus contributing to a safer and happier world and increased logistics efficiency.

"We were already involved in stand-alone geographical systems for police and other emergency services. In 2000 we developed plans for migrating and expanding our existing application to a general service via Internet. A universal front-end solution with very high performance and security levels, up and running 24/7, international links and unlimited expansion possibilities was our ultimate goal", says Huib Broekman MA, founder and CEO. "Our development is the only service offering simultaneous tracing and tracking communications, regardless of different protocols and telecom infrastructures. It's fast, easy, reliable and affordable".

Teleprotect is a private company, currently employing 4 people and a number of free lance developers. They are managing an ever expanding worldwide network of selected technology partners, security control centers and distributors. The servers are located in a high-security facility in Amsterdam. Growth expectations are spectacular and may be boosted even further by new hardware developments.

Contact	Mr Huib J.D. Broekman
Address	Teleprotect International b.v. - Kempenaar 03-01 PO Box 81 - 8200 AB Lelystad
Country	The Netherlands
Telephone	+31 320 220 888
Fax	+31 320 233 880
E-mail	<a href="mailto:h.broekman@teleprotect.com">h.broekman@teleprotect.com</a>
Web	<a href="http://www.teleprotect.com">www.teleprotect.com</a>



## D'fusion

A real time augmented reality visual software : generating virtual objects that are perfectly inserted inside the real world seen by any live camera.

### The product

Using a standard personal computer, D'Fusion can mix real and virtual together with a new level of fluidity and a new level of interactivity in real time.

D'Fusion software is already used by clients such as Airbus, Nissan, BMW, PSA, EADS, Renault, GM, and Disney Studios etc. A powerful new product with multiple applications from entertainment or design simulations to maintenance, merging 3D with a real world.

Taking into account the actual relief of the real models or real environment using the real terrain feed back, interact and passing in front of or behind buildings or real elements, City planners and architects can test models for new projects, engineers and designers can visualize new prototypes changing shapes, colors, and testing ergonomics in real-time, producers can let new elements into shows, TV and film production instantly, cutting design time and costs dramatically.

The ability and the flexibility of D'Fusion to mask the 3D objects with the real elements with such accuracy, is unique.

### The company and the team

Total Immersion mission is to become the leader in Augmented Reality solutions, to power extraordinary perception in our daily lives.

D'Fusion software solution is allowing video capture and perfect merges between video stream and 3D objects, in real time with high level performances and quality, to provide vertical applications on 3 different markets, car and aeronautics manufacturers, media and entertainment production, and medical applications. D'Fusion innovations are as following: use of standard low cost hardware, strong real time kernel with high accuracy, bring added value to operational teams allowing them to keep contact with reality while using virtual information/simulation.

D'Fusion technology is completely unique as it is the only commercial solution, existing in the worldwide market, which has succeeded in selling Augmented Reality solutions to its customers.

Founded by Valentin Lefevre (CTO) - a software engineer specialized in real time image processing, after 6 years worked in visual software design at Thales Training & Simulation - and by Bruno Uzzan (CEO) - a financial auditor after 4 years worked in Pricewaterhouse affiliate - Total Immersion team employs 8 software engineers with high level of knowledge in video signal.

Contact	Mr Bruno Uzzan
Address	Total Immersion - 22 rue Edouard Nieuport 92150 Suresnes
Country	France
Telephone	+33 1 46 25 97 40
Fax	+33 1 46 25 97 39
E-mail	bruno.uzzan@t-immersion.com
Web	www.t-immersion.com



## VTPlayer

VirTouch's VTPlayer is a hand-held device that attaches to a PC, makes it possible for images on a computer screen to be experienced by a person's sense of touch, of motion and of sound.

### The product

Like an ordinary mouse, VTPlayer is an input device; the user moves her hand, the cursor crosses the PC screen. What makes it special is this device also creates output. Two integrated tactile pads hold an embedded matrix of soft pins under the user's fingers. These "dance" and move under the fingertips according to what is on the computer screen. The sensation is unusual, a bit like Braille-reading and quickly learned. Clever software especially developed for VTPlayer blends the best of multimedia, education, cognitive entertainment – for fun and for information.

Today it enables blind adults and children to play exciting action and adventure games, alone or with their sighted friends. They can explore images, maps, charts, pictures of all kinds – in fact, any kind of non textual content – even those which were not adapted for people with visual impairment. Through their computers, it gives them access to all kinds of online visual arts, paintings and photography. VTPlayer's rapid rate of display-refresh creates a user experience that's practical and useful, different from Braille displays, and with surprising potential for sighted people.

### The company and the team

Technology with a tactile approach has a bright future, and VirTouch has a leading role.

VirTouch was founded as a research company in 1996 by two former-Soviet scientists, passionate about the idea of hardware/software that would let fingers and ears be a functional alternative to eyes for people with visual impairment.

Dr Roman Gouzman, a distinguished cognitive psychologist and one of the company's founders, is our chief scientist. His interest in the challenges facing blind people came after a skiing accident severely damaged his daughter's eyesight.

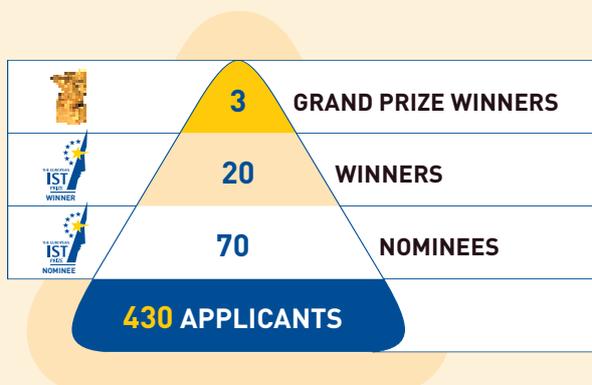
VirTouch's engineering research was originally funded by the Hebrew University of Jerusalem. Some 40 private "angel" investors funded the second stage, and in 2002, institutional investors from Europe joined the company's roster of shareholders. By mid-2004, the company's team comprised 12 professionals, including management, marketing and development specialists.

VTPlayer's hardware and software are an evolving platform for a range of tactile solutions. Blind people enjoy the benefits today; doctors and engineers are evaluating future applications like remote medical diagnosis.

Contact	Dr Roman Gouzman
Address	VirTouch - Har Hotzvim Technology Park PO Box 23637 - Jerusalem 91236
Country	Israel
Tel.	+972 2 587 0340
Fax	+972 2 591 6017
E-mail	info@virtouch2.com
Web	www.virtouch2.com

## The 2005 European IST Prize Nominees\*

**70** Nominees are selected among the applicants. The 20 Winners are selected among the Nominees, and the three Grand Prize Winners are selected among the Winners. The Nominees have undergone the thorough, highly competitive evaluation procedure of the European IST Prize, rewarding them with the quality label "European IST Prize Nominee". The Nominees have access to specific services and contact with accredited investors on the "Gate2Success" section of the European IST Prize website.



### The 2005 European IST Prize Nominees including the 20 Winners (W)

**20six Weblog Services (DE) for Internet Weblogs**  
Personal internet pages that can be easily set up and updated.  
[www.20six.net](http://www.20six.net)

**4Plus (EL) for ALPHA**  
The ALPHA system provides a wide range of testing services for the performance evaluation of the UMTS Core Network.  
[www.4plus.com](http://www.4plus.com)

**ACE (NL) for CoSy Express**  
Provides efficient and effective generation of C-compilers in such a manner that it enables non-compiler experts, such as processor designers, to create optimizing C-compilers in a short time frame.  
[www.ace.nl](http://www.ace.nl)

**Animech (SE) for AniPart™**  
A graphical visualization tool making after sales support and education easy.  
[www.animech.com](http://www.animech.com)

**ATC (IT) for WOB - Welcome On Board**  
Infomobility, entertainment and advertising multimedia system for public transport.  
[www.atc.bo.it](http://www.atc.bo.it)

**Atlantis Consulting (EL) for Change2IT.com**  
An innovative e-recruitment and career development website for alternative workforce in ICT.  
[www.Change2IT.com](http://www.Change2IT.com)

**Axetel (RO) for Eupki**  
The objective of Eupki is to specify and implement an operational libre software PKI (Public Key Infrastructure) with smartcard support.  
[www.axetel.com](http://www.axetel.com)

**(W) Babboo.com (UK) for XClone**  
The World's first fully automated cloning solution for Oracle databases and applications.  
[www.babboo.com](http://www.babboo.com)

**Bianor (BG) for MoGa CMS**  
Content management and distribution system for 3G mobile devices and networks.  
[www.bianor.com](http://www.bianor.com)

**BISON Schweiz (CH) for BISON Solution**  
An integrated software development framework for highly flexible, workflow-driven standard business software, which offers full release capability.  
[www.bison-group.com](http://www.bison-group.com)

\* The Prizes are awarded at the end of the year. To allow the European IST Prize Winners to fully benefit from their nomination, the Prizes are named the year after they are awarded. The Prizes awarded in September 2004 are "the 2005 European IST Prizes".

**CAPTEC (IE) for CardiCon**

A tele-conferencing system for remote diagnosis and referral of cardiac patients for surgery.  
[www.captec.ie](http://www.captec.ie)

**Cebra (NL) for Virtuocity**

Technology for the development and exploitation of Interactive, multi-user virtual reality applications over the Internet.  
[www.cebra.tue.nl](http://www.cebra.tue.nl)

**ConfigWorks Informationssysteme & Consulting (AT) for CW Advisor Suite**

An intelligent virtual assistant system for personalized product-advisory and recommendation.  
[www.configworks.com](http://www.configworks.com)

**(W) Cypak (SE) for PIN-on-Card technology**

Contactless smartcard with integrated PIN pad for secure user verification over the Internet.  
[www.cypak.com](http://www.cypak.com)

**Deval Software (ES) for DevalVR: Advanced graphic visualisation on Internet**

Development and application of our own technology "DevalVR" for the realisation of graphic contents advances on Internet.  
[www.devalvr.com](http://www.devalvr.com)

**Digimind (FR) for Digimind webnews**

HTML-to-RSS intelligent agent delivering 100% automatic news monitoring out of one's own sources.  
[www.digimind.fr/en](http://www.digimind.fr/en)

**(W) Digisens (FR) for Digisens virtual museum global solution**

A global innovative offer, x-ray tomography based, from digitalization to visualization of works of art by the mean of a net connection for visitors and research needs.  
[www.digisens.fr](http://www.digisens.fr) - [www.digitalscanservice.com](http://www.digitalscanservice.com)

**Diseno de Sistemas en Silicio (ES) for 200Mbps Powerline Communications Chipsets**

World's first 200Mbps Broadband Powerline Communication chip sets for broadband access and in-home applications.  
[www.ds2.com](http://www.ds2.com)

**(W) DxO Labs (FR) for DxO<sup>®</sup> solution for Mobile Operators**

DxO Labs has developed specific "DxO-powered" solutions to help Mobile Operators enhance the quality of any image.  
[www.dxolabs.com](http://www.dxolabs.com)

**Dylog Italia (IT) for Dylog Visual Security Box**

Image processing systems for security and control application.  
[www.dylog.it](http://www.dylog.it)

**E-Fractal (CZ) for SMS Touch**

Set of products which integrate SMS communication with common PC user environment and business applications.  
[www.e-fractal.com](http://www.e-fractal.com) - [www.sms touch.com](http://www.sms touch.com)

**(W) Elva (FR) for Vocalid Technology / Vocalid smart Card**

Vocalid cards provide crypto acoustic interfaces allowing secure online transactions from any phone or PC without card readers.  
[www.elva.fr](http://www.elva.fr) - [www.iproved.org](http://www.iproved.org)

**(W) F-Secure (FI) for F-Secure Mobile Anti-Virus Service**

Protectes mobile devices against malicious and harmful content.  
[www.F-Secure.com](http://www.F-Secure.com)

**(W) FilmLight (UK) for Speed-FX**

A high-performance creative workstation for very high-resolution graphic interaction.  
[www.filmlight.ltd.uk](http://www.filmlight.ltd.uk)

**(W) FogScreen (FI) for Fogscreen**

The world's first product to enable projecting in the air and walking through pictures.  
[www.fogscreen.com](http://www.fogscreen.com)

**Fraunhofer Institute IPA (DE) for Planning Table**

An approach to the participative and team-based planning of factory and production systems, improving communication and integration into work.  
[www.ipa.fhg.de](http://www.ipa.fhg.de) - [www.i-plat.de](http://www.i-plat.de)

**(W) Haptica (IE) for ProMIS**

An innovative augmented reality simulator for learning the skills of minimally invasive surgery.  
[www.haptica.com](http://www.haptica.com)

**IBM (UK) for Ubiquitous Telematics Computing Environment**

An environment delivering telematics-based time, position and sensor data to back office value-add on-demand applications.  
[www.ibm.com](http://www.ibm.com)

**(W) Illuminate Labs (SE) for Turtle™ rendering software**

Radically faster rendering software for digital film production, computer games industry and industrial digital design.  
[www.illuminate labs.com](http://www.illuminate labs.com)

**ILOG (FR) for ILOG Discovery**

A complete and interactive visualization tool for analyzing data sets intuitively.  
[www.ilog.fr](http://www.ilog.fr)

**KHKempen (BE) for WAI-NOT**

Offers tailor made ICT and Internet access to mentally disabled people.  
[www.khk.be](http://www.khk.be) - [www.wai-not.org](http://www.wai-not.org) - [www.wai-not.be](http://www.wai-not.be)

**(W) Let It Wave (FR) for CodeclD**

A compression software that reproduces high-quality identity photographs with as few as 500 bytes.  
[www.letitwave.fr](http://www.letitwave.fr)

**Micro Focus (IE) for Mainframe Express Enterprise Edition**

Enables the fast and agile development of IBM Mainframe applications in a PC environment.  
[www.micofocus.com](http://www.micofocus.com)

**Mitrionics (SE) for The Mitrion Processor**

Has a revolutionizing architecture making it 10-30 times faster than conventional microprocessors.  
[www.mitrion.com](http://www.mitrion.com)

**Netintact (SE) for PL2 (packetLogic Generation 2)**

The leading high-end product for traffic management and broadband provisioning.  
[www.netintact.se](http://www.netintact.se)

**Net Transmit and Receive (ES) for InQuiero**

A secure remote control helpdesk software, operating without pre-installation of software.  
[www.inquiery.com](http://www.inquiery.com)

**New Development (IS) for SAGAsystem**

Fully web-based fleet management system that includes driving behaviour analysis.  
[www.nd.is](http://www.nd.is)

**(W) New Index (NO) for New Index' scalable and instant e-whiteboard**

A scalable and instant electronic whiteboard completely embedded into the data projector.  
[www.newindex.no](http://www.newindex.no)

**Optenet (ES) for Optenet Mobile Filtering System**

Provides the most efficient filtering technology for preventing the access of children to inappropriate Internet content from their mobile phones.  
[www.optenet.com](http://www.optenet.com)

**(W) Optenet (ES) for Optenet Anti-Spam System**

An effective product intended for companies, public institutions and universities that makes it possible to avoid unwanted e-mail.  
[www.optenet.com](http://www.optenet.com)

**PicScout (IL) for Image Tracker**

Monitoring usage of copyrighted digital images for the stock photography industry.  
[www.picsout.com](http://www.picsout.com)

**(W) Praxim Medivision (FR) for Surgetics KneeLogics**

**Application**

A computer assisted surgical system dedicated to the precise positioning of implants and grafts in Knee Replacement and Anterior Cruciate Ligament surgery.  
[www.surgetics.com](http://www.surgetics.com)

**Primal Pictures (UK) for Interactive Functional Anatomy**

Offers an extensive visualisation of the human musculoskeletal function to medical educators and practitioners.  
[www.primalpictures.com](http://www.primalpictures.com) - [www.anatomy.tv](http://www.anatomy.tv)

**Pro Soft (DK) for Handy Eye**

Portable scanner/speech synthesis system, consisting of scanner pen and box with text recognition and speech synthesis.  
[www.prosoft.dk](http://www.prosoft.dk)

**Resultmaker (DK) for Online Consultant**

The intelligent transaction e-Government Portal.  
[www.resultmaker.com](http://www.resultmaker.com)

**(W) Scytl Online World Security (ES) for Pnyx.core**

A security software and architecture that provides security to existing e-voting platforms.  
[www.scytl.com](http://www.scytl.com)

**Secured eMail Göteborg (SE) for Secured eMail for Microsoft Outlook**

An encryption program that uses the AES and system SKG technologies to secure email communication.  
[www.securedemail.com](http://www.securedemail.com)

**SecureOL (IL) for Enterprise Virtual Environment**

Fully protects an organization's vital processes while providing total computer freedom.  
[www.SecureOL.com](http://www.SecureOL.com)

**Siveco (RO), for AEL Learning Solution**

A flexible accessible interface teacher/student encouraging a democratic learning process.  
[www.siveco.ro](http://www.siveco.ro)

**(W) Skinkers (UK) for Skinkers Communications Platform**

A revolutionary priority communications and file distribution channel for the PC. Enables accurate measure of the impact of your communication.  
[www.skinkers.com](http://www.skinkers.com)

**Skynamics (DE) for Revologic**

Unique visual modelling environment for business processes, workflows and pageflows of Java web applications.  
[www.skynamics.com](http://www.skynamics.com)

**SkyRecon® Systems (FR) for WiViser®**

Provides 100% proactive protection on end-user devices against known and unknown attacks on wireless or wired networks.  
[www.SkyRecon.com](http://www.SkyRecon.com)

**Snell & Wilcox (UK) for Ingest Station**

Integrated software and hardware product for media mastering and management, using open standards and architecture.  
[www.snellwilcox.com](http://www.snellwilcox.com)

**Software602 (CZ) for 602XML**

Efficient XML solution including the off-line form filler and the XSL-FO formatting features to design XML forms and acquire authorised data.  
[www.software602.cz](http://www.software602.cz)

**Strømberg Larsen (DK) for hyperGIS**

System for sharing and displaying geographical information over the internet with hyperlinks to associated data and media.  
[www.stromberglarsen.dk](http://www.stromberglarsen.dk)

**(W) Systran (FR) for Systran Professional Premium™ 5.0**

Translate digital content from the MS Office desktop, PDF files, Web pages, emails, and written text.  
[www.systransoft.com](http://www.systransoft.com)

**(W) Teleprotect International (NL) for Teleprotect**

An open platform for tracing and tracking via Internet.  
[www.teleprotect.com](http://www.teleprotect.com)

**TNO Telecom (NL) for The Internet Video Gateway**

Brings video content to third generation mobile devices today.  
[www.telecom.tno.nl](http://www.telecom.tno.nl)

**(W) Total Immersion (FR) for D'fusion**

A real time visual software for augmented reality blending virtual objects with actual physical objects.  
[www.t-immersion.com](http://www.t-immersion.com)

**TrendNET (SI) for Networks Defender**

A network security appliance, delivering integrated firewall protection, virtual private networking (VPN), anti-virus scanning, content filtering, and unlimited anti-spam protection to your business network.  
[www.trendnet.si](http://www.trendnet.si)

**Trolltech (NO) for Qtopia**

A Linux-based application platform for PDAs and Smartphones.  
[www.trolltech.com](http://www.trolltech.com)

**Universitat Pompeu Fabra / Yamaha corporation (ES) for Vocaloid**

A vocal-synthesizing software that enables song writers to generate authentic-sounding singing on their PCs.  
[www.iua.upf.es/mtg](http://www.iua.upf.es/mtg)

**up2date.IT (DE) for PORTA Technology**

Rapid application development system for dynamic cross-platform (Java/.NET) Web-Applications.  
[www.up2date.it](http://www.up2date.it)

**Village Tronic (IT) for VTBook**

Graphics card for notebook computers with DVI output.  
[www.villagetronic.com](http://www.villagetronic.com)

**Viralg (FI) for P2P Anti-piracy**

Offers a method to stop the Internet piracy in P2P (peer-to-peer) networks like KaZaA. Copyrighted records, movies and games are protected against the illegal file swapping.  
[www.viralg.com](http://www.viralg.com)

**(W) VirTouch (IL) for VT Player™**

Tactile computer mouse (with multimedia features) enabling blind people to "see" images with their finger-tips.  
[www.virtouch.com](http://www.virtouch.com)

**Virtual-Mirrors (UK) for 3D Tailoring**

The technology needed to create a mass market for custom made clothes.  
[www.virtual-mirrors.com](http://www.virtual-mirrors.com)

**Waag Labs (NL) for Pilotus**

Enables persons with a mental challenge to communicate with their relatives, friends and coaches.  
[www.pilotus.com](http://www.pilotus.com) - [www.waag.org](http://www.waag.org)

**WaveMind (CH) for WaveFinder**

A wireless man overboard system for marine navigators that automatically alerts crewmembers and guides the boat to the man overboard.  
[www.wavefinder.ch](http://www.wavefinder.ch)

See all the Nominees at :  
[www.ist-prize.org/nominees/](http://www.ist-prize.org/nominees/)

# The European IST Prize Evaluation Group

from 1995  
to 2004

Prof. Einar Aas  
Prof. Jans Aasmann  
Prof. Petter E. Bjørstad  
Dr Jozsef Bokor  
Prof. John Byrne  
Prof. Maria da Graça Carvalho  
Prof. Luigi Dadda  
Dr Bjarne Däcker  
Dr Marc Durvaux  
Dr Florin-Gheorghe Filip  
Dr Esther Gelle  
Mr Georges Grunberg  
Dr Ivan Herman  
Prof. Andrew Hopper  
Prof. José A. Jaén  
Dr Ing. Ivo Janousek  
Prof. Arto Karila  
Dr Kurt Katzeff  
Mr Apostolos Koukouvinos  
Dr Ossi Kuitunen  
Dr Reidar Kuvaas  
Dr Jens Langeland  
Mr Yiannis Loumakis  
Dr Aake Lundqvist  
Dr Hannu Martikainen  
Dr Frank McCabe  
Prof. Roberto Negrini  
Mr Henrik Nielsen  
Prof. Ian Nussey  
Prof. John J. O'Reilly  
Ir. Paul Peeters  
Mr Lucio Pinto  
Dr Martin Reiser  
Dr Michel E. Roulet  
Prof. Mariagiovanna Sami  
Mr Peter Saraga  
Prof. Heinz Schwärtzel  
Dr Matti Sihto  
Mr Paul ten Hagen  
Dr Jean Van Keymeulen  
Mr Eldert van Schagen  
Dr Péter Varlaki  
Mr Antonio Vidigal  
Prof. Luis Vidigal  
Prof. Peter Werkhoven  
Mr Giacomo Zanotti

# The European IST Prize Executive Jury

from 1995  
to 2004

Prof. Oddvar Aaserud  
Dr Pierre Aigrain  
Dr Giampaolo Amadori  
Tekn. Lic. Lars Arosenius  
Prof. Gerhard Barth  
Prof. Alain Bensoussan  
Mr Robert Bishop  
Prof. Petter E. Bjørstad  
Prof. Kiril Boyanov  
Prof. Giampo Bracchi  
Mr Thierry Breton  
Dr Hellmuth Broda  
Mr Christian Buhl  
Dr K. Bulthuis  
Prof. Dr Christof Burckhardt  
Prof. Christer Carlsson  
Prof. Maria da Graça Carvalho  
Dr Gil de Bernabé  
Drs. Maurice de Hond  
Mr Guy Demuyneck  
Sir John Fairclough  
Dr Werner Frantsits  
Ir. Otto Gerdes

Dr Aasmund Gjeitnes  
Prof. Rudolf Hagenmüller  
Dr Veikko Hara  
Mr Jenő Hetthéssy  
Dr Johannes Jacobsen  
Mr Kaj Juul-Pedersen  
Prof. Dr Karlheinz Kaske  
Dr Laszlo Keviczky  
Prof. Vladimir Kucera  
Mr Philippe Maréchal  
Prof. Olli Martikainen  
Mr Daniel V. McCaughan  
Dr Klaus Neugebauer  
Ms Ann-Marie Nilsson  
Dr Jean-Pierre Noblanc  
Prof. Ian Nussey  
Prof. John O'Reilly  
Prof. Bill O'Riordan  
Dr Pasquale Pistorio  
Prof. Gustav Pomberger  
Dr Nandor Richter  
Prof. André Ripoll  
Sir Derek Roberts  
Prof. Eduardo Romano de  
Arantes e Oliveira  
Mr Christian Saguez  
Prof. Dr Pekka Silvennoinen  
Mr Rolf Skoglund  
Prof. Renato Stefanelli  
Prof. Reijo Sulonen  
Dr Björn Svedberg  
Mr Vassilis Trapezanoglou  
Dr Klaus Tschira  
Prof. Dr Mateo Valero  
Mr Jacques Van Haren  
Dr ir. Gerard van Oortmerssen  
Dr Jacques Van Remortel  
Prof. Heinz Zemanek  
Dr Andreas Zendler

# The IST Programme of the European Union

## The Sixth Framework Programme

The IST Programme is part of the European Union's Sixth Framework Programme for Research and Technological Development (RTD), covering the period 2002-2006:  
[http://europa.eu.int/comm/research/fp6/index\\_en.html](http://europa.eu.int/comm/research/fp6/index_en.html)

Information Society Technologies is one of the seven priority thematic areas identified in the Sixth Framework Programme for RTD:  
[http://europa.eu.int/information\\_society/programmes/research/index\\_en.htm](http://europa.eu.int/information_society/programmes/research/index_en.htm)

The main societal and economic challenges to be addressed are:

- Solving "trust and confidence" problems
- Strengthening social cohesion
- Enabling sustainable growth and improving competitiveness
- Supporting complex problem solving in science, society, industry and businesses

This requires progress in three main technology building blocks:

- Pushing the limits of miniaturisation and minimising the costs and power consumption of microelectronic components and micro-systems
- Developing mobile, wireless, optical and broadband communication infrastructures as well as software and computing technologies that are reliable, pervasive, interoperable and can be adapted to accommodate new applications and services
- Developing user friendly interfaces which are intuitive, can interpret all our senses such as speech, vision and touch and that understand our gestures and various languages

## Euro-CASE

**T**he European Council of Applied Sciences, Technologies and Engineering is a European non-profit-making organisation of Academies from eighteen European countries. Euro-CASE has access to top level expertise and provides impartial, independent and balanced advice on technological issues with a clear European dimension. Euro-CASE has access to a unique resource of experts counting 5,200 individual Fellows of 18 national Academies.

Through its member Academies, Euro-CASE acts as a permanent forum for exchange and consultation between European Institutions, Industry and Research.

Euro-CASE furthers the transformation of knowledge into products and services for recognised societal needs, thereby providing the link between knowledge and society. By defining, promoting and disseminating a genuine European point of view and corresponding actions, Euro-CASE contributes to the competitiveness of the European Community and the welfare of its citizens.

The interdisciplinary character of Euro-CASE provides a unique range of experience and promotes independence, excellence and European added value in all its activities.

Euro-CASE organises the European IST Prize scheme with the sponsorship and support of the European Commission within the framework of the IST Programme.

Key words for Euro-CASE: Independence, Excellence, European added value.

[www.euro-case.org](http://www.euro-case.org)

# The Euro-CASE Academies

## AUSTRIA

Austrian Academy of Sciences  
Dr. Ignaz Seipel-Platz 2 - 1010 Wien  
Tel: +43 1 51581 1213 - Fax: +43 1 51581 1211  
herbert.mang@oeaw.ac.at - www.oeaw.ac.at

## BELGIUM

Royal Belgian Academy Council of Applied  
Sciences - BACAS  
Hertogsstraat 1, rue Ducale - 1000 Brussels  
Tel: +32 2 550 23 23 - Fax: +32 2 550 23 25  
gilbert.reynders@kvab.be  
www.kbr.be/~capas - www.kvab.be

## CZECH REPUBLIC

Engineering Academy of the Czech Republic  
Narodni trida 3 - 117 20 Prague 1  
Tel: +420 2 24 24 05 30 - Fax: +420 2 24 24 05 30  
hayer@kav.cas.cz - www.eacr.cz

## DENMARK

Danish Academy of Technical Sciences - ATV  
Lundtoftevej 266 - 2800 Kgs. Lyngby  
Tel: +45 45 88 13 11 - Fax: +45 45 88 13 51  
atvmail@atv.dk - www.atv.dk

## FINLAND

Finnish Academies of Technology - FACTE  
Mariankatu 8 B 11 - 00170 Helsinki  
Tel: +358 9 27 82 400 - Fax: +358 9 27 82 177  
facte@facte.com - www.facte.com

## FRANCE

National Academy of Technologies of France - NATF  
28, rue Saint Dominique - 75007 Paris  
Tel: +33 1 53 85 44 44 - Fax: +33 1 53 85 44 45  
president@academie-technologies.fr  
www.academie-technologies.fr

## GERMANY

Council of Technical Sciences of the Union  
of German Academies of Sciences and  
Humanities - acatech  
Residenz München - Hofgartenstraße 2  
80539 München  
Tel: +49 89 5 20 30 90 - Fax: +49 89 5 20 30 99  
info@akatech.de - www.acatech.de

## GREECE

Technical Chamber of Greece  
4 Karageorgi Servas - 102 48 - Athens  
Tel: +30 1 32 54 59 19 - Fax: +30 1 32 21 772

## HUNGARY

Hungarian Academy of Engineering  
Kossuth L. tér 6-8 - 1055 Budapest  
Tel: +36 1 353 39 96 - Fax: +36 1 463 24 70  
ginsztler@mti.bme.hu

## IRELAND

The Irish Academy of Engineering  
51 Northumberland Road - Ballsbridge - Dublin 4  
Tel: +353 1 66 00 374 - Fax: +353 1 66 82 595  
info@acei.ie

## ITALY

FAST - Italian Council of Applied Science and  
Engineering - Cisai  
Piazzale R. Morandi 2 - 20121 Milan  
Tel: +39 02 77 79 03 04 - Fax: +39 02 78 24 85  
fast@fast.mi.it

## THE NETHERLANDS

Netherlands Society of Technological Sciences  
and Engineering - NFTW  
PO Box 19 121 - 1000 GC Amsterdam  
Tel: +31 20 551 08 02 - Fax: +31 20 620 49 41  
info@nftw.nl - www.nftw.nl

# The European IST Prize Info Points

## NORWAY

Norwegian Academy of Technological  
Sciences - NTVA  
Lerchendam Gaard - 7491 Trondheim  
Tel: +47 73 59 54 63 - Fax: +47 73 59 08 30  
hein.johnson@ntva.ntnu.no - www.ntva.no

## PORTUGAL

Portuguese Academy of Engineering  
Ordem dos Engenheiros  
Av. António Augusto de Aguiar, 3 D - 1069-030 Lisboa  
Tel: +351 21 313 26 13 - Fax: +351 21 313 26 15  
tafonseca@cdn.ordeng.pt

## SPAIN

Real Academia de Ingeniera - RAI  
C/ Alfonso XII - 3-5 1ª planta (Edif. MEC) - 28014 Madrid  
Tel: +34 915 28 20 01 - Fax: 34 91 468 10 15  
acaingenieria@ctv.es  
www.academia-de-ingeniera.com

## SWEDEN

Royal Swedish Academy of Engineering  
Sciences - IVA  
Box 5073 - 102 42 Stockholm  
Tel: +46 8 791 29 00 - Fax: +46 8 611 56 23  
gb@iva.se - www.iva.se

## SWITZERLAND

Swiss Academy of Engineering Sciences - SATW  
Seidengasse 16 - Postfach - 8023 Zürich  
Tel: +41 1 226 50 11 - Fax: +41 1 226 50 20  
info@satw.ch - www.satw.ch

## UNITED KINGDOM

The Royal Academy of Engineering - RAEng  
29 Great Peter Street - London SW1P 3LW  
Tel: +44 20 72 27 05 34 - Fax: +44 20 72 33 00 54  
richard.smallwood@raeng.co.uk  
www.raeng.org.uk

## BULGARIA

Ministry of Education and Science - European Integration and  
Multilateral Cooperation Division  
European Integration and Bilateral Cooperation Department  
Ms Guenoveva Jecheva  
2A, Kniaz Dondukov Blvd. - 1000 Sofia  
Tel: +359 2 921 75 32 - Fax: +359 2 981 14 04  
g.jecheva@minedu.government.bg  
www.minedu.government.bg/nsfb/inter

## BASSCOM

Mr George Sharkov  
51 Cherni Vrah Blvd. - Floor 6 - 1407 Sofia  
Tel: +359 2 962 41 56  
gesha@soft-i.com - www.basscom.org

## CYPRUS

Innovation Relay Centre Cyprus  
Mr Michael Savva  
Cyprus Institute of Technology  
P.O.Box 20783 - 1663 Nicosia  
Tel: +357 228 131 99 - Fax: +357 223 180 87  
mikesava@industry.cy.net

## ESTONIA

Estonian Academy of Sciences  
Ms Anne Poitel - Foreign Relations  
Kohtu St. 6 - 10130 Tallinn  
Tel: +372 6 448677 - Fax: +372 6 451 829  
foreign@akadeemia.ee

## GERMANY

F.A.S.T. - Gesellschaft für angewandte Softwaretechnologie mbH  
Dr Rudi Hettler  
Arabellastrasse 17 - 81925 München  
Tel: +49 89 89 05 20 - Fax: +49 89 89 05 22 22  
ist-prize@fast.de - www.fast.de

DLR - Deutsches Zentrum für Luft- und Raumfahrt e.V.  
IST National Contact Point  
Ms Andrea Köndgen  
Linder Höhe - 51147 Köln  
Tel: +49 2203 601 3402 - Fax: +49 2203 601 2842  
andrea.koendgen@dlr.de - www.dlr.de/IT-NCP/

## ICELAND

Euro-Info Centre IS-685  
Ms Sigrun L. Gudbjartsdottir  
Trade Council of Iceland - Borgartúni 35  
PO Box 1000 - 121 Reykjavik  
Tel: +354 511 4000 - Fax: +354 511 4040  
euroinfo@icetrade.is - www.icetrade.is

## ISRAEL

ISERD Israel Directorate for the EU Framework Program  
Ms Danna Goldhagen  
Industry House 14th floor - 29 Hamered Street  
PO Box 50364 - 61500 Tel Aviv  
Tel: +972 3 511 8122 - Fax: +972 3 517 0020  
danna@iserd.org.il - www.iserd.org.il/ist

## LATVIA

LITTA - Latvian Information Technology and  
Telecommunication Association  
Ms Mara Jakobsons  
Stabu 47-1 - Riga LV 1011  
Tel: +371 73 11 821 +371 73 14 059 - Fax: +371 73 15 567  
litta@dtmedia.lv - www.litta.lv

## LITHUANIA

Ministry of Education and Science  
Dept. of Science and Higher Education  
Ms E. Kasperuniene  
Z. Sierakausko 15 - 2600 Vilnius  
Tel: +370 5 2663447- Fax: +370 5 2663447  
egidija@mokslas.lt

## MALTA

Euro Info Correspondence Centre  
Malta External Trade Corporation (METCO)  
Mr Joe Woods  
Trade Centre - SGN 09 San Gwann  
Tel: +356 23 84 32 11 - Fax: +356 21 49 66 87  
jwoods@innovationmalta.com

## THE NETHERLANDS

SenterNovem/EG-Liaison  
Mr Bert van Werkhoven  
P.O. Box 93144 - 2509 AC The Hague  
Tel: +31 70 3735 250 - Fax: +31 70 3735 650  
B.van.Werkhoven@egl.nl - www.egl.nl

## POLAND

IST National Contact Point  
Mr Andrzej Siemaszko  
ul. Swietokrzyska 21 - 00 049 Warsaw  
Tel: +48 22 828 74 81  
andrzej.siemaszko@kpk.gov.pl

International Liaison Office  
Dr Borys Czerniejewski  
InfoViDE sp. z o.o. - ul. Kolejowa 5/7 - 01 217 Warsaw  
Tel: +48 22 53 47 450 - Fax: +48 22 53 47 402  
asiemasz@ippt.gov.pl

## ROMANIA

The Romanian Academy  
Calea Victoriei 125 - 71102 Bucharest  
Tel: +40 21 21 28 658 - Fax: +40 21 21 16 608  
ffilip@acad.ro - filipf@u3.ici.ro

## SLOVAK REPUBLIC

Ministry of Education  
Mr Dusan Valachovic  
Stromova 1 - 813 30 Bratislava 1  
Tel: +421 2 69 202 202 - Fax: +421 2 69 202 203  
valachov@education.gov.sk

## SLOVENIA

Ministry for Education, Science and Sport  
Dr Andreja Umek Venturini  
Trg OF 13 - 1000 Ljubljana  
Tel: +386 1 478 4668 - Fax: +386 1 478 4719  
andreja.umek@gov.si

## TURKEY

IST National Contact Point - TUBITAK  
Mr Yavuz Ilik  
Ataturk Bulvari 211 - 06100 Kavaklidere Ankara  
Tel: +90 312 427 23 02 - Fax: +90 312 427 40 24  
ncpist@tubitak.gov.tr - www.fp6.org.tr

# Some of the applicants for the European IST Prize in 2004

abylonsoft (DE)  
[www.abylonsoft.com](http://www.abylonsoft.com)

Anchor Men Interactive Solutions (NL)  
[www.anchormen.nl](http://www.anchormen.nl)

Antipodes (BG)  
[www.antipodes.bg](http://www.antipodes.bg)

Axel Blenk (DE)  
<http://members.aol.com/ablenk1023/>

AZERTIA (ES)  
[www.azertia.com](http://www.azertia.com)

Be Value (NL)  
[www.be-value.nl](http://www.be-value.nl)

Best CPSL Technologieds (ES)  
[www.cpsl-tech.com](http://www.cpsl-tech.com)

Casanova (ES)  
[www.casanova.com](http://www.casanova.com)

CCGIS (DE)  
[www.mapbender.org](http://www.mapbender.org) - [www.ccgis.net](http://www.ccgis.net)

Codeless Technology (NL)  
[www.codeless.com](http://www.codeless.com)

Computer Interface Solutions (NL)  
[www.computerinterfaces.nl](http://www.computerinterfaces.nl)

Computer School (EL)  
[www.sportscout.gr](http://www.sportscout.gr)

COMSIS (FR)  
[www.comsis.fr](http://www.comsis.fr)

Distributed Thinking (IT)  
[www.dthink.biz](http://www.dthink.biz)

eClaims Europe (NL)  
[www.eclaims.nl](http://www.eclaims.nl)

EGEMON (FR)  
[www.egemon.com](http://www.egemon.com)

EL.P (IT)

Elma Electronic Trading (FI)  
[www.elma.net](http://www.elma.net)

EMC System Engineering (FR)  
[www.pro.wanadoo.fr](http://www.pro.wanadoo.fr)

Emy Elenfer (IT)  
[www.emyelenfer.com](http://www.emyelenfer.com)

ESIUM (FR)

Esmertec (CH)  
[www.esmertec.com](http://www.esmertec.com)

eTT (IT)  
[www.ettsolution.com](http://www.ettsolution.com)

Euroclass 21 (IT)  
[www.euroclass21.it](http://www.euroclass21.it)

Extreme Media Solutions (EL)  
[www.extremes.gr](http://www.extremes.gr)

Farmad (BE)  
[www.farmad.be](http://www.farmad.be)

First Hop (FI)  
[www.firsthop.com](http://www.firsthop.com)

Gate Elektronik Sanayi Ve Tic (TR)  
[www.gateelektronik.com.tr](http://www.gateelektronik.com.tr)

Group 3 Technology (UK)  
[www.neteasypHONE.net](http://www.neteasypHONE.net)

Hi-Net (IT)  
[www.hi-net.it](http://www.hi-net.it)

Hint Engineering (NL)  
[www.hint.nl](http://www.hint.nl)

ICT@NN (NL)  
[www.ictnn.nl](http://www.ictnn.nl)

imaginary (IT)  
[www.i-maginary.it](http://www.i-maginary.it)

Institute of Electrical Measurement and Measurement Signal Processing, Graz university of Technology (AT)  
[www.emt.tugraz.at](http://www.emt.tugraz.at)

Intellectron Systems (EL)  
[www.intellelectron.gr](http://www.intellelectron.gr)

Intelligent Knowledge Management Systems (BE)  
[www.iknow.be](http://www.iknow.be)

IT Deusto (ES)  
[www.itdeusto.com](http://www.itdeusto.com)

Kalooga (NL)  
[www.kalooga.com](http://www.kalooga.com)

Karmatech (IT)  
[www.karmatech.it](http://www.karmatech.it)

Keus Ontwerp (NL)  
[www.keus.nl](http://www.keus.nl)

Laser-Scan (UK)  
[www.laser-scan.com](http://www.laser-scan.com)

Masaryk University Brno (CZ)  
[www.muni.cz](http://www.muni.cz)

MEDIADISTILLERY (FR)  
[www.mazeo.com](http://www.mazeo.com)

Micropos Medical AB (SE)  
[www.micropos.se](http://www.micropos.se)

MOBIPAY International (ES)  
[www.mobipay.com](http://www.mobipay.com)

Mobisoft (FI)  
[www.mobisoft.fi](http://www.mobisoft.fi)

NANOBIT (DE)  
[www.nanobit.org](http://www.nanobit.org)

NetHabilis (EL)  
[www.nethabilis.gr](http://www.nethabilis.gr)

Next Limit (ES)  
[www.nextlimit.com](http://www.nextlimit.com)

Nextlink.to (DK)  
[www.nextlink.to](http://www.nextlink.to)

Nomos Sistema (IT)  
[www.nomos.it](http://www.nomos.it)

Octopi (NL)  
[www.octopi.nl](http://www.octopi.nl)

Patent-Initiative (AT)  
[www.patent-initiative.com](http://www.patent-initiative.com)

PPWH (NL)  
[www.prepaidwebhost.com](http://www.prepaidwebhost.com)

PRomedas (NL)  
[www.mbys.kun.nl/snn/nijmegen/promedas](http://www.mbys.kun.nl/snn/nijmegen/promedas)

ProTel engineering (CZ)  
[www.phonet.cz](http://www.phonet.cz)

Retevison Movil (ES)  
[www.amena.com](http://www.amena.com)

SCI Swiss Computers (CH)  
[www.multilevel-it-security.com](http://www.multilevel-it-security.com)

Separator (IL)

Sesam Yazilim (TR)  
[www.sesam.com.tr](http://www.sesam.com.tr)

Siemens (PT)  
[www.siemens.pt](http://www.siemens.pt)

Silicon Bay (UK)  
[www.siliconbay.co.uk](http://www.siliconbay.co.uk)

SmartCom (FR)  
[www.smartcom.com](http://www.smartcom.com)

Software Factory (DE)  
[www.sf.com](http://www.sf.com)

Speakernet (DK)  
[www.speakernet.com](http://www.speakernet.com)

STM Products (IT)  
[www.stm-products.com](http://www.stm-products.com)

SWISSFM (CH)  
[www.swissfm.ch](http://www.swissfm.ch)

Team Support Systems (NL)  
[www.teamsupportsystems.com](http://www.teamsupportsystems.com)

Touch and Turn (SE)  
[www.touchandturn.com](http://www.touchandturn.com)

Tourisoft (CH)  
[www.tourisoft.com](http://www.tourisoft.com)

VirtuOz (FR)  
[www.virtuoz.fr](http://www.virtuoz.fr)

Yspeert Marketing (NL)  
[www.mobilair.net](http://www.mobilair.net)

Zertificon Solutions (DE)  
[www.zertificon.com](http://www.zertificon.com)

## Acknowledgements

One of the missions of the Academies is to award Prizes. It was therefore a natural objective for Euro-CASE, from its creation, to organise a European Prize in an important area such as information society technologies. The first discussions on the European IST Prize took place in 1993 between Simon Bensasson from the European Commission, and Basil Butler, Chairman of Euro-CASE. Their ideas and the enthusiasm of their colleagues, notably Kostas Glinos from the European Commission and the Euro-CASE secretariat, quickly led to exciting brainstorming sessions.

This year we are proud to celebrate the first ten years of the European IST Prize.

Over the years, the never failing support of the European Commission, the trust of the Commissioners, especially Erkki Liikanen, the Directors General, the Directors, the Heads of Unit, the IST Event Conference and Exhibition Managers and the Project Officers, Kostas Glinos, Karl-Heinz Robrock and Klaus Pendl, provided enthusiasm and constructive support to develop and enhance the European IST Prize.

We appreciate the support of Director-General Fabio Colasanti, Deputy Director-General Peter Zangl and Head of Unit Simon Bensasson. We enjoy the direct and efficient co-operation with Project Officer Klaus Pendl, the advice of Head of Unit Pierrette Pelhate, and our excellent co-operation with her team, particularly Andrea Parola.

The Euro-CASE Academies are the cornerstones of the European IST Prize. The Chairmen Basil Butler, Helge Sørensen and Valentin Van den Balck and the Secretary General Pierre Fillet have provided beneficial conditions for the Prize to develop and consolidate its reputation throughout Europe. Not only do the Academies provide their most distinguished experts for the independent evaluation that guarantees the high quality of the Winners, but they also ensure the promotion of the Prize in their respective countries. In countries where Euro-CASE is not represented, European IST Prize Info Points play a similar role in promoting the Prize. Thanks are offered to all the participants of this network.

We thank the experts of the European IST Prize evaluation group for the expertise, time and hard work that they devote during the evaluation meetings and brainstorming sessions. Particular thanks go to Heinz Schwärtzel, Georges Grunberg and José Alberto Jaén from the core group.

The members of the European IST Prize Executive Jury also play a major role for the independence, excellence and recognition of the Prize. We thank them and the Chairmen, late Karl-Heinz Kaske, Björn Svedberg, Sir Derek Robert, Thierry Breton, Pasquale Pistorio and Guy Demuynck, for their valuable contributions and ideas for the future of the Prize.

However, to become successful, the most distinguished Prize needs another set of key players - the applicants, Nominees and Winners. We thank the 3,145 companies that have applied for the Prize over the past ten years, and offer congratulations to the 191 Nominees, 220 Winners and 30 Grand Prize Winners. This year, we received 430 applications from 29 countries.

Everybody enjoys the youthful, entrepreneurial and friendly atmosphere in the European IST Prize Village exhibition which is a focal point of the annual IST Event. The skill and knowledge which they bring to the Prize is greatly admired. It is a pleasure to work with the Winners and the Nominees. We appreciate their input and permanent interest in the Prize. We stay in contact with them and meet them regularly at various events in European countries.

The success of the first ten years of the European IST Prize, its prestige, its solid foundation in 18 European Academies, the success of the Nominees and Winners and their continued interest in the Prize indicate that it is heading for a promising future.

This acknowledgement would not be complete without my warm thanks to Helle Bonnet and Nadia Pipunic of the Euro-CASE Secretariat for their enthusiasm and hard work.

A handwritten signature in blue ink, appearing to read 'Alain Mongon', with a stylized flourish extending to the right.

**Alain Mongon**  
The European IST Prize



**The European IST Prize**  
Euro-CASE  
28, rue Saint Dominique  
F - 75007 Paris - France  
Tel.: +33 1 53 59 53 40  
Fax: +33 1 53 59 53 41  
mail@ist-prize.org  
www.ist-prize.org

[www.ist-prize.org](http://www.ist-prize.org)