

# **Imaging Radar for Autonomous Systems**

Patent Landscape Analysis – September 2025

The global IP battlefield is heating up: who are the key players, and which technologies will shape the future of imaging radar for autonomous mobility?

### REPORT OUTLINE

- Imaging Radar for Autonomous **Systems**
- Patent Landscape Analysis
- September 2025
- PDF >150 slides
- Excel file >10,600 patent families
- Reference: KM25002
- · 4,990 EUR for a multi-user license

### **KEY FEATURES**

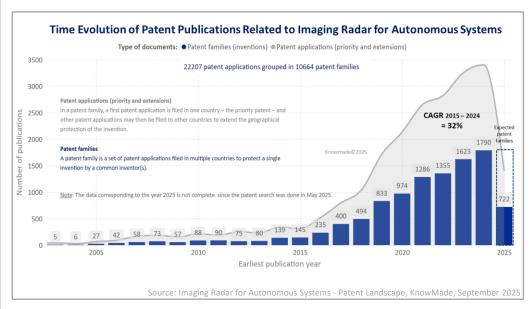
- Global patenting trends, including time evolution of patent publications, countries of patent filings, etc.
- Main patent assignees and IP **newcomers** in the different segments.
- Key players' **IP position** and the relative strength of their patent portfolio.
- IP ecosystems including sub-brands, JV with shared IP ownership, main co-owned IP, etc.
- · Patents categorized by 6 application domains (terrestrial, aerial, robotics, space, marine, defense) and
  - 5 technology layers comprising 11 techniques (FMCW, MIMO, Beamforming, 4D imaging radar, SAR, ISAR, calibration, point cloud, SLAM, tracking, AI and sensor fusion), with a focus on terrestrial applications and 4D imaging radar.
- IP profile of key players (patent portfolio overview, technical coverage, geographical coverage, notable granted and pending patents, etc.)
- Excel database containing all patents analyzed in the report, including patent segmentations and hyperlinks to an updated online database.

## **RELATED REPORTS & MONITORS**

• LiDAR for Automotive Patent **Landscape** 

# Imaging Radar A Core Driver of High-Resolution Autonomy

Imaging radar represents the next generation of radar sensing technologies, designed to overcome the limitations of conventional radars that provide only basic range and velocity measurements. By simultaneously capturing range, velocity, azimuth and elevation, imaging radar produces high-resolution 3D/4D perception. These dense radar point clouds enable advanced perception functions including object classification, free space detection, mapping and scene reconstruction. Thanks to its robustness in adverse weather, low light and complex operating environments, imaging radar is becoming a cornerstone for safe and reliable autonomous systems. Its deployment spans terrestrial mobility such as ADAS, L2-L4 autonomous driving and robotaxi platforms, as well as aerial drones, marine vessels, robotics, space, and defense applications. The rapid acceleration of patenting activity reflects this momentum. More than 22,200 patent applications grouped into over 10,600 patent families (inventions) have been identified worldwide, including more than 2,800 core patent families that demonstrate a high degree of relevance to the imaging radar domain. This strong intellectual property (IP) dynamic demonstrates that imaging radar is transitioning from a complementary sensor to a primary perception modality, shaping the future of autonomy and driving one of the most competitive IP battlefields in advanced sensing.



# Global IP Trends and Strategic Players

The patent landscape for imaging radar has experienced an unprecedented acceleration. From 2015 to 2024, imaging radar patent family publications grew from 145 to 1,790, an increase of over 1100% and a CAGR of 32% marking a period of explosive innovation. This surge reflects the technological transition toward 4D imaging radar, Al-driven perception and multi-sensor fusion. The United States and China dominate the field, together accounting for more than half of global filings, while Europe maintains a strong position through Tier-1 suppliers such as Bosch, ZF and Valeo. Established players including Intel-Mobileye, Bosch, General Motors, Alphabet - Waymo, Huawei-Yinwang and Magna hold diversified patent portfolios that span radar hardware, perception software and sensor fusion. At the same time, specialized innovators such as Arbe Robotics, Uhnder, Aptiv and Metawave are building targeted portfolios in 4D radar chipsets, point cloud processing and real-time environmental perception. Academic institutions, notably Xidian University, UESTC, BUAA and AIRCAS, continue to shape foundational innovation in waveforms, antenna design and beamforming. This complex interplay of industrial leaders, startups and research institutes defines one of the most competitive IP domains in advanced sensing.

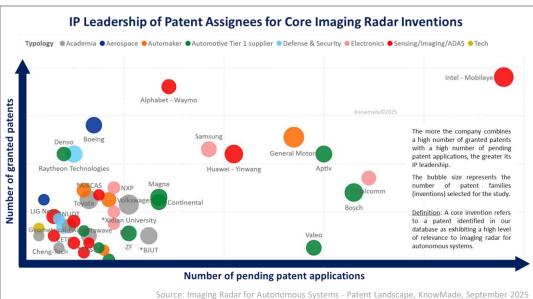


# **IP Innovation Across Applications and Technical Layers**

Imaging radar patents are classified **into six main application domains**: terrestrial, aerial, marine, space, robotics and defense. The patent landscape has been further structured into **five technology layers encompassing 11 key enabling techniques**, ranging from waveform design and system platforms to calibration, perception and sensor fusion. Our analysis indicates that terrestrial mobility is the most active and technically advanced area, driven by ADAS, Level 2 to Level 4 autonomy and robotaxi deployment. Other domains such as UAV navigation, maritime sensing and defense applications are also expanding. Across the technology stack, innovation spans from FMCW and MIMO signal processing to Al-enhanced perception and multi-sensor fusion, highlighting the central role of imaging radar in next generation autonomy.

# A Competitive and Rapidly Evolving IP Landscape

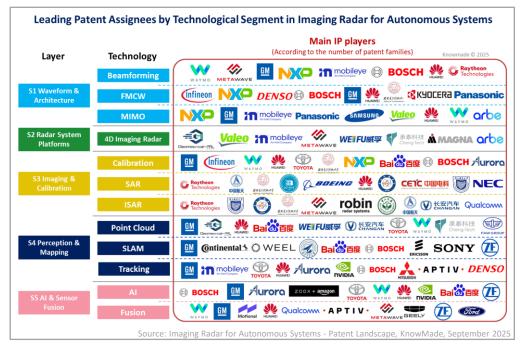
The imaging radar IP landscape is highly dynamic. Established OEMs and Tier-1 suppliers maintain strong positions, but new entrants are rapidly reshaping the field, with radar startups and ADAS suppliers particularly active. IP leadership now depends not only on the size of a portfolio but also on enforceability, geographic reach and technological impact. Companies such as GM, Intel-Mobileve, Bosch and Huawei-Yinwang combine extensive portfolios with a high volume of patent applications, while patent assignees like Arbe Robotics and Uhnder have demonstrated high IP strength and influence per patent.



In addition to individual patent portfolios, the IP ecosystem is shaped by sub-brands, joint ventures with shared IP ownership and co-owned patent families, all of which highlight the strategic role of IP in driving both competition and collaboration.

# From Key Players to the Entire IP Landscape

This report provides in-depth insights into the IP strategies of the main actors shaping the imaging radar domain. It includes **detailed profiles of General Motors, Intel-Mobileye, Bosch, Huawei-Yinwang, Magna** and **Alphabet-Waymo**, covering portfolio dynamics, notable granted and pending patents, legal status and global coverage. Beyond these key players, the report delivers a comprehensive



classification of all identified patent assignees including automakers, Tier-1 suppliers, sensing and ADAS companies, electronics manufacturers, technology firms, academia, and defense and aerospace players. Within each segment, we identify both the established IP leaders and the IP newcomers, providing a clear view of how innovation and competition are distributed across the ecosystem.

For executives, IP professionals and R&D teams, the report delivers comprehensive overview of a fastevolving and competitive technology space. By aligning patent intelligence with strategic planning, companies strengthen their innovation roadmap, competitive advantage secure position themselves at the forefront of autonomous mobility and advanced

# **Useful Excel patent database**

This report includes an extensive Excel database with the 10,600+ patent families (inventions) analyzed in this study, including patent information (publication numbers, assignees, dates, title, abstract, etc.), hyperlinks to an updated online database (original documents, legal status, etc.), and structured classification by application segments (terrestrial, aerial, robotics, space, marine, and defense), five technology layers with 11 key technique segments (FMCW, MIMO, beamforming, 4D imaging radar, SAR, ISAR, calibration, point cloud, SLAM, tracking, AI and sensor fusion), as well as the identified core inventions. This database supports advanced multi-criteria searches and provides direct access to updated records, enabling users to benchmark portfolios, monitor competitors, identify potential partners or acquisition targets and evaluate freedom-to-operate constraints.



# **Companies mentioned in the report** (non-exhaustive)

General Motors, Bosch, Toyota, Huawei - Yinwang, Sony, Denso, Intel - Mobileye, Aurora, Honda, Continental, Amazon - Zoox, Alphabet - Waymo, Volkswagen, Raytheon Technologies, ZF, Hyundai, Valeo, Ford, Magna, Aptiv, Mitsubishi, Baidu, Infineon, Samsung, Qualcomm, DJI Technology, Motional, LG, Mercedes-Benz, NXP, Boeing, Geely - Volvo Cars, Hitachi, HERE, Nvidia, Panasonic, BMW, Honeywell, FAW Group, Kia, Stellantis - PSA, Mando, Changan Automobile, Xaircraft (XAG), Subaru, Forvia - Hella, IBM, NEC, Pony.ai, Micron, BAE Systems, Geometrical-PAL, Metawave, Calterah Semiconductor, ICAN Technology, Kyocera, LIG Nex1, Texas Instruments, Desay SV, IAI - Israel Aerospace Industries, Nissan, Siemens, State Grid Corporation of China, SITRICK DAVID H., Apple, Xiaomi Technology, Tata Motors, Weifu, Airbus, Cheng-Tech, Dongfeng Motor, Korean Agency for Defense Development, US Navy, BYD, Great Wall Motor, Autoroad Tech, Nidec, Renault, MBDA UK, Nuro, Arbe Robotics, Lockheed Martin, Microsoft, Volvo, Beta Technologies, CAIC - China Automotive Innovation Corporation, Five AI, Thales, Bitsensing, Daihen, Fuxia hangzhou intelligent science & technology, Hawkeye, NIO, Secom, Vivo, Wuxi Tongchun New Energy Technology, China Southern Power Grid, DiDi, Mazda, Seres, Tencent, Uhnder, Yupiteru, Alibaba, Deere, dSPACE Technologies, L3Harris Technologies, Lyft, Northrop Grumman, SAAB, Sick, State Farm Insurance, TuSimple, Veoneer, Voyah, Zadar Labs, Elwha LLC, GAC Group, iRobot, Jingdong Qianshi Technology, Keysight, Novasky Electronic, NTT Docomo, Symeo, Teledyne, Toshiba, Uber, Vayyar, Ericsson, Fujitsu, Hanwha, Kodiak Robotics, Koito Manufacturing, STMicroelectronics, US Army, WHST, Ambarella - Oculii, Bayer, Chery Automobile, Chuhang Technology, Eagle Sense Technology, Furukawa Electric, XPENG, Zendar, Alps Alpine, Zongmu, and more.

# **TABLE OF CONTENTS**

INTRODUCTION	5
Context of the report	
Scope and objectives of the report	
Reading guide	
Excel database	
EXECUTIVE SUMMARY	11
PATENT LANDSCAPE OVERVIEW	24
IP dynamics	
<ul> <li>Time evolution of patent publications by countries</li> </ul>	
<ul> <li>Main patent assignees (according to number of patent families, applications, number of core inventions; classified by typology, domestic vs. global IP strategies, etc.)</li> <li>Timeline of IP players</li> </ul>	•
<ul> <li>IP leadership of patent assignees</li> <li>Geographical coverage of main players' patents</li> </ul>	
High-impact patent assignees for granted patent portfolios	
• IP ecosystems	
Sub-brands and Internal Divisions	
<ul> <li>Joint Ventures – Shared IP Ownership Models</li> </ul>	
Acquisition-related Companies	
Main co-owned IP	

Segmentation overview (number of patent families, number of active patent

For each segment (terrestrial, aerial, robotics, space, marine, and defense):

- Patent portfolio overview (IP dynamics, geographic coverage, etc.)
- IP leadership of patent assignees
- Notable patents
- Main patent assignees ranking for terrestrial applications
- Patent segmentation technologies
  - Segmentation overview (number of patent families, number of active patent assignees, main patent assignees, IP newcomers, etc)
  - · For each segment (five technology layers comprising 11 techniques):
    - Introduction of each technology for imaging radar
    - Patent portfolio overview (IP dynamics, geographic coverage, etc.)
    - Notable patents
  - · IP leadership of patent assignees for 4D imaging radar

### **IP PROFILE OF A SELECTION OF PATENT ASSIGNEES**

General Motors, Intel - Mobileye, Bosch, Huawei - Yinwang, Magna and Alphabet Waymo

### For each player:

- Patent portfolio overview (IP dynamics, segments, legal status, geographic coverage, citations, patent family extension ratio, etc.)
- Notable granted patents
- Notable pending patents

PATENT LITIGATION	147
ANNEX	149

- · Methodology for patent search, selection and analysis
- · Methodology to identify key patents
- Terminology

50

KNOWMADE PRESENTATION 154

**AUTHORS** 

PATENT SEGMENTATION

• Patent segmentation - applications

Segments definition



### Dr. Yanni Zhou

assignees, main patent assignees, IP newcomers, etc)

Yanni works at KnowMade in the field of RF Technologies, Sensing, and Imaging. She holds a Ph.D. in RF and Wireless Communication from INSA Lyon, INRIA, and an Engineer's Degree in Electrical Engineering from INSA Lyon, France. Yanni previously worked at Nokia Bell Labs, Strategy & Technology, focusing on RF front-end systems and advanced sensing technologies. Her expertise also includes the design of radar sensing systems, enabling precise detection in complex and dynamic environments. She is the inventor of over 20 patents and has authored more than 10 scientific publications in the field.

Contact: yanni.zhou@knowmade.fr



### Dr. Nicolas Baron

Nicolas is CEO and co-founder of KnowMade. He manages the development and strategic orientations of the company and personally leads the Semiconductor department. He holds a PhD in Physics from the University of Nice Sophia-Antipolis, and a Master of Intellectual Property Strategies and Innovation from the European Institute for Enterprise and Intellectual Property (IEEPI) in Strasbourg, France.

Contact: nicolas.baron@knowmade.fr

# **ABOUT KNOWMADE**

KnowMade is a technology intelligence and IP strategy firm specializing in the analysis of patents and scientific publications. We assist innovative companies, investors, and research organizations in understanding the competitive landscape, anticipating technological trends, identifying opportunities and risks, improving their R&D, and shaping effective IP strategies.

KnowMade's analysts combine their strong technology expertise and in-depth knowledge of patents with powerful analytics tools and methodologies to transform patent and scientific data into actionable insights to support decision-making in R&D, innovation, investment, and intellectual property.

KnowMade has solid expertise in Semiconductors and Packaging, Power Electronics, Batteries and Energy Management, RF and Wireless Communications, Photonics, MEMS, Sensing and Imaging, Medical Devices, Biotechnology, Pharmaceuticals, and Agri-Food.





# **ORDER FORM**

# **Imaging Radar for Autonomous Systems**

Patent Landscape Analysis – September 2025 Ref.:KM25002

SHIP TO	PAYMENT METHODS
Name (Mr/Ms/Dr/Pr):	Order online: Click <u>here</u>
Job Title:	Check
Company:	To pay your invoice using a check, please mail your check to the following address: KnowMade S.A.R.L.
Address:	2405 route des Dolines, Le Drakkar 06560 Valbonne Sophia Antipolis
City:	FRANCE
State:	
Postcode/Zip:	contact your bank to complete the process. Here is the information you will need to submit the payment:
Country:	Payee: KnowMade S.A.R.L.  Bank: Banque Populaire Méditerranée, CAP 3000 Quartier du
VAT ID Number for EU members:	lac, 06700 St Laurent du Var IBAN: FR76 1460 7003 6360 6214 5695 139
Tel:	SWIFT: CCBPFRPPMAR
Email:	
Date:	www.paypal.com. You can then send money to KnowMade S.A.R.L by entering our email address contact@knowmade.fr as the recipient and entering the invoice amount.

**RETURN ORDER BY** 

E-mail: contact@knowmade.fr

06560 Valbonne Sophia Antipolis, FRANCE

# **PRODUCT ORDER**

4,990 EUR – Multi user license\*

For price in dollars, please use the day's exchange rate. For French customer, add 20% for VAT.

All reports are delivered electronically in pdf format at payment reception.

\*The report can be shared with the employees of the company purchasing the report. Subsidiaries and joint-ventures are excluded. Please be aware that the report is watermarked on each page, with the name of the recipient and the organization (the name mentioned in the PO). This watermark also reaffirms that report sharing is not allowed.

I hereby accept KnowMade's Terms and Conditions of Sale **Signature**:

Mail: KnowMade S.A.R.L. 2405 route des Dolines, Le Drakkar,





# TERMS AND CONDITIONS OF SALES

### **Definitions**

"Acceptance": Action by which the Buyer accepts the terms and conditions of sale in their entirety. It is done by signing the purchase order which mentions "I hereby accept KnowMade's Terms and Conditions of Sale".

"Buyer": Any business user (i.e. any person acting in the course of its business activities, for its business needs) entering into the following general conditions to the exclusion of consumers acting in their personal interests.

"Contracting Parties" or "Parties": The Seller on the one hand and the Buyer on the other hand.

"Intellectual Property Rights" ("IPR") means any rights held by the Seller in its Products, including any patents, trademarks, registered models, designs, copyrights, inventions, commercial secrets and know-how, technical information, company or trading names and any other intellectual property rights or similar in any part of the world, notwithstanding the fact that they have been registered or not and including any pending registration of one of the above mentioned rights.

"License": For the reports and databases, 2 different licenses are proposed. The buyer has to choose one license:

- 1. Single user license: a single individual at the company can use the report.
- 2. Multi user license: the report can be used by unlimited users within the company. Subsidiaries and Joint Ventures are not included.
- "Products": Reports are established in PowerPoint and delivered on a PDF format and the database may include Excel files.

"Seller": Based in Sophia Antipolis (France headquarters), KnowMade is a technology intelligence company specialized in the research and analysis of scientific and technical information. We provide patent landscapes and scientific state of the art with high added value to businesses and research laboratories. Our intelligence digests play a key role to define your innovation and development strategy.

#### 1. Scope

- 1.1 The Contracting Parties undertake to observe the following general conditions when agreed by the Buyer and the Seller. Any additional, different, or conflicting terms and conditions in any other documents issued by the buyer at any time are hereby objected to by the seller, shall be wholly inapplicable to any sale made hereunder and shall not be binding in any way on the seller.
- 1.2 This agreement becomes valid and enforceable between the Contracting Parties after clear and non-equivocal consent by any duly authorized person representing the Buyer. For these purposes, the Buyer accepts these conditions of sales when signing the purchase order which mentions "I hereby accept KnowMade's Terms and Conditions of Sale". This results in acceptance by the Buyer.
- 1.3 Orders are deemed to be accepted only upon written acceptance and confirmation by the Seller, within [7 days] from the date of order, to be sent either by email or to the Buyer's address. In the absence of any confirmation in writing, orders shall be deemed to have been accepted.

### 2. Mailing of the Products

- 2.1 Products are sent by email to the Buyer:
- within [1] month from the order for Products already released; or
- within a reasonable time for Products ordered prior to their effective release. In this case, the Seller shall use its best endeavours to inform the Buyer of an indicative release date and the evolution of the work in progress.
- 2.2 Some weeks prior to the release date the Seller can propose a pre-release discount to the Buyer.

The Seller shall by no means be responsible for any delay in respect of article 2.2 above, and including in cases where a new event or access to new contradictory information would require for the analyst extra time to compute or compare the data in order to enable the Seller to deliver a high quality Products.

- 2.3 The mailing of the Product will occur only upon payment by the Buyer, in accordance with the conditions contained in article 3.
- 2.4 The mailing is operated through electronic means either by email via the sales department. If the Product's electronic delivery format is defective, the Seller undertakes to replace it at no charge to the Buyer provided that it is informed of the defective formatting within 90 days from the date of the original download or receipt of the Product.
- 2.5 The person receiving the Products on behalf of the Buyer shall immediately verify the quality of the Products and their conformity to the order. Any claim for apparent defects or for non-conformity shall be sent in writing to the Seller within 8 days of receipt of the Products. For this purpose, the Buyer agrees to produce sufficient evidence of such defects.
- 2.6 No return of Products shall be accepted without prior information to the Seller, even in case of delayed delivery. Any Product returned to the Seller without providing prior information to the Seller as required under article 2.5 shall remain at the Buyer's risk.

# 3. Price, invoicing and payment

- 3.1 Prices are given in the orders corresponding to each Product sold on a unit basis or corresponding to annual subscriptions. They are expressed to be inclusive of all taxes. The prices may be reevaluated from time to time. The effective price is deemed to be the one applicable at the time of the order.
- 3.2 Payments due by the Buyer shall be sent by cheque payable to KnowMade, PayPal, or by electronic transfer to the following account:

Banque Populaire Méditerranée, CAP 3000 Quartier du lac, 06700 St Laurent du Var

BIC or SWIFT code: CCBPFRPPMAR

IBAN: : FR76 1460 7003 6360 6214 5695 139

To ensure the payments, the Seller reserves the right to request down payments from the Buyer. In this case, the need of down payments will be mentioned on the order.

3.3 Payment is due by the Buyer to the Seller within 30 days from invoice date, except in the case of a particular written agreement. If the Buyer fails to pay within this time and fails to contact the Seller, the latter shall be entitled to invoice interest in arrears based on the annual rate Refi of the «BCE» + 7 points, in accordance with article L. 441-6 of the French Commercial Code. Our publications (report, database, tool...) are delivered only after reception of the payment.

3.4 In the event of termination of the contract, or of misconduct, during the contract, the Seller will have the right to invoice at the stage in progress, and to take legal action for damages.

### 4. Liabilities

4.1 The Buyer or any other individual or legal person acting on its behalf, being a business user buying the Products for its business activities, shall be solely responsible for choosing the Products and for the use and interpretations he makes of the documents it purchases, of the results he obtains, and of the advice and acts it deduces thereof.





- 4.2 The Seller shall only be liable for (i) direct and (ii) foreseeable pecuniary loss, caused by the Products or arising from a material breach of this agreement
- 4.3 In no event shall the Seller be liable for:
- a) damages of any kind, including without limitation, incidental or consequential damages (including, but not limited to, damages for loss of profits, business interruption and loss of programs or information) arising out of the use of or inability to use the Seller's website or the Products, or any information provided on the website, or in the Products;
- b) any claim attributable to errors, omissions or other inaccuracies in the Product or interpretations thereof.
- 4.4 All the information contained in the Products has been obtained from sources believed to be reliable. The Seller does not warrant the accuracy, completeness adequacy or reliability of such information, which cannot be guaranteed to be free from errors.
- 4.5 All the Products that the Seller sells may, upon prior notice to the Buyer from time to time be modified by or substituted with similar Products meeting the needs of the Buyer. This modification shall not lead to the liability of the Seller, provided that the Seller ensures the substituted Product is similar to the Product initially ordered.
- 4.6 In the case where, after inspection, it is acknowledged that the Products contain defects, the Seller undertakes to replace the defective products as far as the supplies allow and without indemnities or compensation of any kind for labor costs, delays, loss caused or any other reason. The replacement is guaranteed for a maximum of two months starting from the delivery date. Any replacement is excluded for any event as set out in article 5 below.
- 4.7 The deadlines that the Seller is asked to state for the mailing of the Products are given for information only and are not guaranteed. If such deadlines are not met, it shall not lead to any damages or cancellation of the orders, except for non-acceptable delays exceeding [4] months from the stated deadline, without information from the Seller. In such case only, the Buyer shall be entitled to ask for a reimbursement of its first down payment to the exclusion of any further damages.
- 4.8 The Seller does not make any warranties, express or implied, including, without limitation, those of saleability and fitness for a particular purpose, with respect to the Products. Although the Seller shall take reasonable steps to screen Products for infection of viruses, worms, Trojan horses or other codes containing contaminating or destructive properties before making the Products available, the Seller cannot guarantee that any Product will be free from infection.

### 5. Force majeure

The Seller shall not be liable for any delay in performance directly or indirectly caused by or resulting from acts of nature, fire, flood, accident, riot, war, government intervention, embargoes, strikes, labor difficulties, equipment failure, late deliveries by suppliers or other difficulties which are beyond the control, and not the fault of the Seller.

### 6. Protection of the Seller's IPR

- 6.1 All the IPR attached to the Products are and remain the property of the Seller and are protected under French and international copyright law and conventions.
- 6.2 The Buyer agreed not to disclose, copy, reproduce, redistribute, resell or publish the Product, or any part of it to any other party other than employees of its company. The Buyer shall have the right to use the Products solely for its own internal information purposes. In particular, the Buyer shall therefore not use the Product for purposes such as:
- Information storage and retrieval systems;
- Recordings and re-transmittals over any network (including any local area network);
- use in any timesharing, service bureau, bulletin board or similar arrangement or public display;
- Posting any Product to any other online service (including bulletin boards or the Internet);
- Licensing, leasing, selling, offering for sale or assigning the Product.
- 6.3 The Buyer shall be solely responsible towards the Seller of all infringements of this obligation, whether this infringement comes from its employees or any person to whom the Buyer has sent the Products and shall personally take care of any related proceedings, and the Buyer shall bear related financial consequences in their entirety.
- 6.4 The Buyer shall define within its company point of contact for the needs of the contract. This person will be the recipient of each new report in PDF format. This person shall also be responsible for respect of the copyrights and will guaranty that the Products are not disseminated out of the company.

### 7. Termination

- 7.1 If the Buyer cancels the order in whole or in part or postpones the date of mailing, the Buyer shall indemnify the Seller for the entire costs that have been incurred as at the date of notification by the Buyer of such delay or cancellation. This may also apply for any other direct or indirect consequential loss that may be borne by the Seller, following this decision.
- 7.2 In the event of breach by one Party under these conditions or the order, the non-breaching Party may send a notification to the other by recorded delivery letter upon which, after a period of thirty (30) days without solving the problem, the non-breaching Party shall be entitled to terminate all the pending orders, without being liable for any compensation.

# 8. Miscellaneous

All the provisions of these Terms and Conditions are for the benefit of the Seller itself, but also for its licensors, employees and agents. Each of them is entitled to assert and enforce those provisions against the Buyer.

Any notices under these Terms and Conditions shall be given in writing. They shall be effective upon receipt by the other Party.

The Seller may, from time to time, update these Terms and Conditions and the Buyer, is deemed to have accepted the latest version of these terms and conditions, provided they have been communicated to him in due time.

# 9. Governing law and jurisdiction

- 9.1 Any dispute arising out or linked to these Terms and Conditions or to any contract (orders) entered into in application of these Terms and Conditions shall be settled by the French Commercial Courts of Grasse, which shall have exclusive jurisdiction upon such issues.
- 9.2 French law shall govern the relation between the Buyer and the Seller, in accordance with these Terms and Conditions.

