C O P C A M S

Cognitive & Perceptive Cameras

Artemis GA n°332 913

D6.2 – Dissemination Plan

WP6 – Exploitation & Dissemination

Author: Eugenio Villar (UC)

Date: 2013-11-19 at 18:50

Version: v1.1

Status: Released

CEA ref. number: LETI/DACLE/13-0759

http://copcams.eu

Document History

Date	Author	Modification
2013-06-20	Eugenio Villar	ToC
2013-07-16	Monica Cunill	I&IMS contribution
2013-07-26	Eugenio Villar	Initial draft
2013-08-29	Metin Aktaş	ASELSAN contribution
2013-08-30	Michel Barreteau	TRT-FR contribution
2013-09-2	Peter Gillick	TRT-UK contribution
2013-09-2	Bogdan Filipic	JSI contribution
2013-09-12	Eugenio Villar	UC contribution
2013-09-13	Valentin Koblar	KTOR contribution
2013-09-13	Christos Verikoukis	CTTC contribution
2013-09-21	Christian Fabre	CEA contribution
2013-09-24	Sven Karlsson	DTU contribution
2013-10-01	Fran Alcala	Added contributions sent by email by: TCS, IQU, TECN, TED, GUT, QMUL
2013-10-04	Fran Alcala	Added contributions sent by email by CCTL
2013-11-19	Christian Fabre	Fixed TRT-FR full name. Added CEA ref. number. Added a conclusion.

Contributors

1	CEA	Commissariat à l'énergie atomique et aux énergies alternatives
3	TCS	THALES Communications & Security SA
4	TRT-FR	THALES Research & Technology France (repr. THALES SA)
6	IIMS	Information & Image Management Systems
7	CTTC	Centre Tecnològic de Telecomunicacions de Catalunya
8	CCTL	Concatel
9	IQU	Iquadrat Informatica S.L.
10	TECN	Tecnalia Research & Innovation
11	TED	Tedesys Global S.L.
12	UC	Universidad de Cantabria
13	GUT	Politechnika Gdańska
15	JSI	Institut ``Jožef Stefan''
18	TRT-UK	THALES Research & Technology (UK) Ltd
19	QMUL	Queen Mary University of London
20	ASEL	ASELSAN Electronics Industry
21	KTOR	Kolektor Group d.o.o.

COPCAMS Partners

1	CEA	Commissariat à l'énergie atomique et aux énergies alternatives
2	ST-FR	STMicroelectronics (Grenoble 2) SAS
3	TCS	THALES Communications & Security SA
4	TRT-FR	THALES Research & Technology France (repr. THALES SA)
5	INRIA	Institut national de recherche en informatique et automatique
6	IIMS	Information & Image Management Systems
7	CTTC	Centre Tecnològic de Telecomunicacions de Catalunya
8	CCTL	Concatel
9	IQU	Iquadrat Informatica S.L.
10	TECN	Tecnalia Research & Innovation
11	TED	Tedesys Global S.L.
12	UC	Universidad de Cantabria
13	GUT	Politechnika Gdańska
14	BS	BS Spółka z ograniczoną odpowiedzialnością Sp. k.
15	JSI	Institut ``Jožef Stefan''
16	DTU	Danmarks Tekniske Universitet / IMM
17	ASLV	Application Solutions (Electronics and Vision) Ltd
18	TRT-UK	THALES Research & Technology (UK) Ltd
19	QMUL	Queen Mary University of London
20	ASEL	ASELSAN Electronics Industry
21	KTOR	Kolektor Group d.o.o.

Table of Contents

1. Introduction 6

2. Common Dissemination Activities 7

1. Large Industries and SMEs: Innovation Environment 7

2. Scientific and technology community 8

3. CEA Dissemination Activities 9

4. TCS Dissemination Activities 9

5. TRT-FR Dissemination Activities 10

6. IIMS Dissemination Activities 11

7. CTTC Dissemination Activities 11

8. CCTL Dissemination Activities 12

9. IQU Dissemination Activities 12

10. TECN Dissemination Activities 13

11. TED Dissemination Activities 13

12. UC Dissemination Activities 14

13. GUT Dissemination Activities 15

14. JSI Dissemination Activities 16

15. DTU Dissemination Activities 17

16. TRT-UK Dissemination Activities 17

17. QMUL Dissemination Activities 17

18. ASEL Dissemination Activities 18

Conferences, Workshops, Seminars, Symposia 18

Trade Fairs 18

Other Conventions 18

Presentations 19

Traditional Media 19

Project intranet sites 20

Journals 20

Technical Reports 20

19. KTOR Dissemination Activities 21

20. Conclusion 21

1. Introduction

The goal of deliverable D6.2 is to describe in detail the dissemination strategy of the project throughout its duration using all the dissemination means possible, such as press releases, publications in high-quality refereed international journals and at targeted conferences and workshops, adjacent communities (scientific, technical, commercial, end users, etc.), liaisons with other relevant projects, standardization organizations, and institutions that can be of benefit for the project, etc. The ultimate goal is to ensure the maximal visibility of the project results and its successful funding through the Artemis JU to the scientific community, companies, device/chip manufacturers, and other relevant organizations.

The deliverable is divided into two parts. The first one describes the common dissemination plan to be carried out by the project consortium as a whole with activities such as workshops, summer schools, courses of various types, invited talks, exhibitions, policy conferences, printed documents, websites, and CDs. The second one describes the concrete dissemination activities to be carried out by each partner.

In both cases, concrete, measurable goals are defined. In this way, it will be easy to assess the dissemination results achieved to be reported in deliverable D6.3 at the end of the project.

The objective of the dissemination effort within COPCAMS is to reach the largest possible number of stakeholders as identified by the project. As stakeholders, we identify in the first place the different industrial parties in the value chain (manufacturers of components, producers of image processing systems, suppliers of software, application builders, and end users). In addition, as stakeholders can be identified: academia, policy makers, and even the general public. So, two main dissemination target groups and their corresponding dissemination instruments can be distinguished:

- Large industries and SMEs: These are the industrial partners in the value chain mentioned above. The focus of the dissemination will be to transfer the knowledge generated in the project as soon as possible to interested parties to be applied in the market. As Artemis is an industry-driven programme this will be the primary target group. In order to stimulate technology transfer, an innovation environment will be created.
- Scientific and technology community: The main action line within the dissemination activities is that of scientific and technological dissemination. The scientific partners in the consortium will present the results of the project in well-known and widely read international scientific journals and also by presentations at international scientific conferences, workshops, and exhibitions. Links with related projects will be established.

2. Common Dissemination Activities

The common dissemination activities to be carried out by the project consortium as a whole will ensure an effective visibility of the project results by the two main dissemination target groups identified above.

1. Large Industries and SMEs: Innovation Environment

The COPCAMS consortium is well balanced in terms of academia, research centers, large industries and SMEs. The industries and SMEs cover the complete value chain including the silicon technology, the electronic system, the smart camera and the CPVS application. Therefore, by itself, the project consortium constitutes the kernel group for the COPCAMS innovation ecosystem. It is a goal of the Dissemination Plan to enlarge this initial ecosystem significantly.

Success Metric: At least double the initial COPCAMS Innovation Ecosystem

CPVS have a large potential for SME as there will be a large number of applications requiring customization to specific needs. The HW and SW platforms, middleware and service infrastructures based on the STHORM MPSoC to be developed in COPCAMS will provide a modular, reusable, scalable and portable Tool Platform facilitating the development of novel embedded products and its use in new applications and services. This Tool Platform will be disseminated and made accessible to SME in order to ensure that they can take part easily of the Innovation EcoSystem commented above. The STHorm SDK is the initial tool platform. As a consequence of the technical development in WP2, this initial tooling will be enlarged with additional tools. The final Tool Platform will be made available through the COPCAMS web site.

Success Metric: The COPCAMS CPVS Tool Platform is made available through the COPCAMS website

It is an additional goal to integrate the COPCAMS CPVS Tool Platform in the Artemis Tool Platform by getting the Artemis RTP label.

Success Metric: The COPCAMS CPVS Tool Platform gets the Artemis RTP Label

COPCAMS is cross-domain by nature and the HW and SW platforms, middleware and service infrastructures enabling the integration of complete vision systems will found a wide number of different application domains. Two of those domains where the COPCAMS technologies will be demonstrated are Advanced Manufacturing (T5.2) and Indoor & Outdoor Building Surveillance (T5.3). As a consequence, COPCAMS will have a strong interaction with two of the three Artemis Centers of Innovation Excellence (CoIE) already labeled, ProcessIT.EU (http://www.processit.eu) and ES4IB. Thus, COPCAMS will provide advanced CPVS required by the automation solutions primarily for the process industry targeted by

ProcessIT.EU and by the innovation chain in ICT for intelligent buildings enabling energy efficiency through intelligent solutions targeted by ES4IB. Relation with these CoIE will be an important dissemination and exploitation path for the COPCAMS.

Success Metric: A stable link is established with the ProcessIT.EU and the ES4IB CoIE

2. Scientific and technology community

The dissemination effort will provide the means by which to make contact and exchange findings with other research groups working in the fields of intelligent sensor networks. Several press releases will be made for the purpose of announcing the achievements of the project associated with the milestones and to draw attention to the publicly visible demonstrations and deliverables. The coordinator will be in charge of the press releases. Every press release will be distributed to Artemis organization, the consortium, and relevant stakeholders as well as being published on the COPCAMS web site. The first press release making publicity of the project set-up and goals will be launched during the first year.

Success Metric: At least two press releases will be made announcing the set-up of the COPCAMS project and the achievement of the final results

COPCAMS consortium is aware of the great importance of Artemis events concerning the Artemis community. For this reason, the consortium is willing to participate in the Artemis related events with the two fold objective of building community and taking advantage of the scenarios those events provided. Different activities are foreseen to be undertaken in these events, such as presentation, to be represented in the exhibition with poster, demonstration, and the specific booth for that purpose.

Success Metric: The COPCAMS project participates in at least 2 Artemis-ITEA Co-Summit

Success Metric: The COPCAMS project participates in at least one Artemis Technology Conference

Outside the Artemis community, COPCAMS will also made itself visible in international events such as DATE, DAC, AVSS, EmbededWorld, etc. through the most appropriate means such as workshops, special sessions, panels or exhibitor booths.

Success Metric: The COPCAMS project participates in at least 2 International Events

Scientific and technical results will be published in high-quality refereed international journals and presented at targeted conferences. Cooperation among partners will produce a high percentage of common publications. Special emphasis will be put in the publication of results of the cooperation between industry and academia.

Success Metric: The COPCAMS partners disseminate technical achievements in at least 5 international journals and 10 proceedings of related conferences
Success Metric: At least 25% of COPCAMS-related publications share authors from different partners

Similar projects, like Artemis PaPP and ACCUS and FP7 Pharaon, will be identified and liaisons established with them. Collaboration in common dissemination activities will be organized.

Success Metric: The COPCAMS project identifies similar projects and establish liaisons and defines cooperation means with the two most relevant projects.

3. CEA Dissemination Activities

CEA will contribute by submitting papers to international conferences and generate patents over the course of the project.

Success Metric: CEA will submit at least 6 papers to international conferences
Success Metric: CEA will generate at least 1 patent

CEA will participate in the project workshops. We also intend, as Project coordinator, to take one or two booths during international conferences or exhibitions, to disseminate further the results of the consortium – Other partners will be welcome to man the booth. Participation to panels is also forecasted.

4. TCS Dissemination Activities

There are some Thales events (Thales “Research Days” or “Computing Days”) organized every year and dedicated to the outcomes of current advanced studies. These events are open to all Thales divisions and Thales customers. These places are the best occasions to promote outcome of research activities and push for their future adoption in the group. TCS labs involved in COPCAMS will propose a demo and/or poster based on the implementation of the video algorithms on STHORM at this event.

Success Metric: At least one poster or demo accepted during Y2 or Y3.

Compared to the consumer mass market, Thales is mainly involved in markets requiring robust products with high level of validation with long lifecycle due to maintenance. Therefore; adoption of cutting edge technology is a long process managed by the R&D board and evaluated through the Technological Readiness Level (TRL). Such events are therefore opportunities to disseminate within Thales the outcomes of collaborative project.

The STHORM platform could be a candidate platform prospected to be integrated in Thales supervision products (smart cities, critical installation, city surveillance). Just before the official COPCAMS project Kick-Off, Thales and ST have organized a conference call between product line managers. It has been an opportunity for Thales to learn more about the STHORM characteristics and roadmap and for ST STHORM product line manager to better understand requirements and constraints of Thales application domains. It has also been an

opportunity to communicate about the COPCAMS project and the future work of both partners and their possible collaborations.

Success Metric: Organization of a meeting between TCS supervision product line managers and ST STHORM product manager (done in March 2013 before COPCAMS KO)

5. TRT-FR Dissemination Activities

Several dissemination activities are available at Thales. Usual conferences, white papers, communications can be considered but some internal possibilities can also be envisaged to spread COPCAMS results within the Thales Group:

Our TRT-FR lab usually reports its project results during a workshop devoted to high performance computing systems. Indeed this annual meeting is organised at corporate level to share knowledge (e.g. return of experience) and results (benchmarks) with operational units.

Success Metric: One contribution accepted for Y2 and Y3.

Thales develops parallel platforms for a long time in the area of data streaming embedded applications (signal and image processing systems). Depending on the results, the outputs of COPCAMS will serve as inputs to internal programmes in a full range of domains including visualization systems (displays, smart cameras) which require predictable performance and code optimisation.

Dissemination strategy of the results of research projects such as COPCAMS is defined at corporate level by the technical directorate. For each strategic technical domain, a board where all Thales Divisions and countries are represented drives the transition from research to operational deployment. This includes the identification of further downstream technology derisking and maturation, internal to Thales or in teaming mode with selected partners. Several Thales Divisions already have a potential interest in COPCAMS results.

Transition to multi-core is a key topic (STHORM is a candidate), challenging established programming practices. The activity of research projects addressing this topic, such as COPCAMS, is periodically monitored by Thales technical directorate, looking at the technology readiness levels of preliminary results to refine this strategy.

Success Metric: Definition of a technology transfer to (at least) one operational unit at the end of COPCAMS.The expected results of the research theme on programming multi-core for high performance applications (to which COPCAMS is a key contributor) will be formally presented internally by TRT-FR to the Thales corporate technical directorate, and discussed within the network of experts representing all Thales Divisions by TRT-FR as well.
Success Metric: STHORM benchmarks shared within the high performance commercial chip data base.

6. IIMS Dissemination Activities

I&IMS will carry out a dissemination plan for the COPCAMS project in order to take it up, which is crucial for its success and for the sustainability of outputs in the long term.

This dissemination plan is linked with a dissemination strategy based on several key issues, which are:

- **Purpose and message**: The aim of the plan is to raise the awareness of what has been done throughout the COPCAMS project (at an individual and collective manner), and to educate the community, which means to transfer the knowledge acquired and the developed products to the widest possible segments of population.
- **Audience**: The different individuals, groups and organizations which can be interested in the project and in its results, need to be identified. In this sense, I&IMS has detected the following key figures: Internal audience (consortium members and I&IMS workers), other actors of projects dealing with similar topics (both within the program and in others), external stakeholders (teachers, researchers, librarians, publishers, online hosts…) and the entire community. All these different stakeholders will be tackled throughout the dissemination methods which will be explained below.
- **Methods**: The methods that I&IMS will use to get the message to the targeted audience will be the following:
    - The company's website www.ims.es will inform about the characteristics and the project progress. It is noteworthy that the website has a section dedicated to national and international project with information and details about them: http://ims.es/eng/projects/projects.html.
    - I&IMS will/has participated in the most important events in Spain related to new technologies and telecommunications which are summarized in the following table:

Name/ Title	Dates and place	Website
International Security Conference & Exhibition	17-18 April 2013, Barcelona	http://www.securityforum.es/
International Exhibition for ICT Solutions and Service Business	15-17 October 2013, Madrid	http://www.ifema.es/simonetwork_01
Forum Aslan Barcelona	26-27 October 2013, Barcelona	http://www.aslan.es/forum
Biannual International Safety Trade Show	25-28 February 2014, Madrid	http://www.ifema.es/sicur_01/

7. CTTC Dissemination Activities

The CTTC, being a non-profit research institute, does not plan for a direct commercial exploitation of the project results originating from COPCAMS. However, CTTC's

participation in this project is expected to stimulate a number of technology transfer and IPR generation activities, which are at the true core of its mission. Moreover, CTTC is planning to publish scientific papers in prestigious conferences and journals. In particular:

- **Participation to Conferences, Congresses, and Workshops**. CTTC is planning to publish project´s results to general conferences such as IEEE INFOCOM, IEEE Globecom, IEEE ICC, IEEE PIMRC, IEEE VTC, ACM Mobicom, ACM SIGCOMM, IEEE WCNC and to more specialised for testbeds conferences such as Valuetolls and Tridentcom.
- **Publication in scientific journals**. CTTC is planning to publish the scientific results to high ranked journals such as the IEEE Trans. on Wireless Communications, IEEE Trans. on Vehicular Technology, IEEE/ACM Trans. on Networking, IEEE Journal Selected Area on Communications, IEEE Communications Letters, IEEE Communications Magazine, IEEE Wireless Communications Magazine, ACM MONET, EURASIP Signal Processing Magazine etc.

Success Metric: One contribution accepted for Y1, Y2 and Y3.

8. CCTL Dissemination Activities

CONCATEL integrates the international SII Group, a leader in technological engineering solutions. The group is listed on the Paris Stock Exchange and employs over 3,000 consultants with offices in France, Belgium, Switzerland, Luxembourg, Poland, the Czech Republic and Morocco. Therefore, CCTL will not only provide dissemination activities in Spain, Argentina and Romania, but also will provide a dissemination plan taking into account the SII Group network.

The dissemination plan strategy will be based on three key issues:

- Workshops and presentations: Several workshops and presentation will be performed having as audience key customers interested in the results of the project.
- Magazines and News: CCTL will also perform dissemination activities thanks to the communication and dissemination channels provided by SII (magazines and news). It will allow us to reach an audience made up of more than 3,000 consultants in Europe and South America.
- Website: CCTL website will provide information about the results achieved in every milestone as also the final results.

9. IQU Dissemination Activities

IQU will disseminate the obtained results from COPCAMS in several events, conference as well as journals, both in Spain and worldwide. We will target the publication of the results in the best conferences, such as IEEE ICC, IEEE Globecom and IEEE CAMAD, among

others. We will also target the results publication in the high impact factor IEEE journals, especially IEEE Communications Magazine and IEEE Wireless Communications.

10. TECN Dissemination Activities

Tecnalia (Partner type: Research)	
Presentation of the research results within the scientific community.	As Technology Centre, Tecnalia will include CopCams related materials, results and publications in relevant academic events like conferences and workshops relating security, computer vision or embedded systems.
Presentation and demonstration at national and international exhibitions & fairs and dedicated road-show events.	Within the ARTEMIS community, Tecnalia is an active participant in several working groups (SME, Standardization etc) and plans to include CopCams related results and information in order to build joint-dissemination activities with other Artemis ASP1 and ASP8 initiatives.
Presentation of the project to the general public (press, web, etc.).	Information for the project website, for project presentations in a form of posters and other suitable format that are presented in Tecnalia internal events. CopCams dissemination in Tecnalia Express magazine and website. More than 1.500 scientists read the blog.
Communication with national and international academia and/or industry clusters and networks.	Promoting and advertising project results by means of the Tecnalia's Commercial network, ESI-Tecnalia@net, and ESITecnalia@ Centers in Europe, Latin America, Australia and Asia. ESI's Network, namely ESI@net, is a channel to disseminate, promote and deliver products and services from Tecnalia R&D projects and engagements. The partners of ESI@net are from all parts of the world (mainly Europe, Latin America and Asia), having a strong penetration in their local markets. Last but not least TECNALIA is co-leading the Spanish technology platform PLANETIC, Spanish Technology Platform for the adoption and diffusion of electronic technology, information and communication, formed by more than 100 members active in the field of embedded and electronic systems. TECNALIA will use PLANETIC's yearly event to promote CopCams by presenting initial objectives, mid-term results and final results. Together with other Spanish members, press releases will be used to further disseminate CopCams evolution and societal impacts.

11. TED Dissemination Activities

TedeSys will join forces with academic partners such as the UC for disseminating the project in a great variety of environments, not only industrial but also academic ones. Depending on the kind of result obtained in the diverse WPs TED is involved in, the dissemination channel will vary.

The main channels, regarding the objective of the results (i.e. mainly academic or industrial) are:

*Industrial results: together with other partners and also on his own, TED will address his results to several events more focus on industry, such as VINITEC for the results of smart cameras addressed to wine industry or Road Traffic Monitoring and Control conference for automotive applications. Some other more general conferences could be addressed, such as CEs in Las Vegas os the SXSW in Austin, Texas. In any case, the target address will be defined as the project gets results.

*Academic results: they will be displayed in conferences of high level as well as Journals and panel sessions, through close collaboration with UC. For embedded systems and advanced electronics, conferences like DAC, DATE, FDL as well as many others will be addressed. The result expected from such exposition is a great visibility at an international level as well as to detect future partners and clients.

12. UC Dissemination Activities

The University of Cantabria will cooperate with the rest of partners to a world-wide dissemination of the project results to ensure the largest possible visibility and awareness of the project and to support the widest adoption of its results in industry and the research community. The main methods intended to direct its dissemination efforts to are the following. Depending on the kind of results from the different WPs in which the UC is involved, the most appropriate dissemination way will be selected:

- Conferences: The technical results from WP2, WP3 and WP4 will be presented as conference papers supported by the experimental results coming from WP5. In addition, the UC will cooperate with the rest of partners in special sessions, panel sessions, demonstration suites, and participation to the project booths organized at relevant events to present the actual achievements of the project. Major events in system design such as DAC, DATE, Embedded Systems, FDL, and others will be addressed.
- Journals: Main technical results will be sent to relevant journals for publication. The collaboration that the UC will keep with other COPCAMS partner will ensure common publication of papers in conferences and journals.
- High-level education: COPCAMS project results will contribute to the content of the BSc and MSc degrees offered by the UC. Courses on Embedded Systems Design in both the Telecom Engineering and the Informatics Engineering syllabus are specially appropriate.
- Collaboration with industry: Companies outside the COPCAMS consortium with which the UC has cooperation are potential users of the technology developed by the project. the skills gained in video processing and SW analysis and optimization will

foster future research activities in the field. The improvements in COPCAMS will facilitate its industrial acceptance and use. Due to the very practical application of the results of the project, there are strong opportunities for tutorials to industry and technology transfer, specially to SMEs.

- The UC will use the results and technologies developed in COPCAMS for transfer to other European collaborative projects where they already participate in or will participate in the future. This way, a broad dissemination to local and European industry is guaranteed by distributing the results.

13. GUT Dissemination Activities

Gdansk University of Technology team (GUT) publishes its scientific work results regularly in domains of audio and video processing. GUT scientific and technical results belonging to WP3, WP4 and WP5 will be presented and disseminated as research papers. Outcomes of COPCAMS projects, including the implementations and testing of smart cameras systems equipped with acoustic sensors, and RF sensors (active and passive RFID tags) will be published in high-quality reviewed **international journals.**

Also **participation in conferences** and workshops is planned, where theoretical and experimental results gathered during realization of work packages will be presented: RF specific and application oriented conferences, i.e. MIKON, EUROCON, IPIN, EuMW; and audio/video data processing, i.e. AVSS, AES, MCSS. Additionally special sessions and panels are planned (such as Advanced Video Signal-Based Surveillance – AVSS2013 Technology Panel already attended by GUT, CEA, ASL, TRT-UK, and QMUL). Conferences are often accompanied by other events, therefore GUT will attend **exhibitions**, involving presentation of live demos developed within WP5, as well as records related to **participation in various competitions** (e.g. for highly innovative products and new technologies).

Other planned dissemination activities are:

- GUT team participated in 2 FP7 projects dedicated to safety and surveillance, therefore those affiliations will facilitate **liaisons with other projects**.
- Establishing **contacts with institutions** is planned that can be a benefit for the project, e.g. prospective end-users such as members of PISA (Polish House of Alarm Systems) associating large Polish companies interested in safety and security systems. Live demos developed in WP5 as well as other project results will be presented regarding above mentioned institutions.
- As a coordinator of the Interizon (the biggest ICT Cluster in Poland having over 140 companies and total employment over 22000), GUT will organize events (workshops or seminars) to disseminate project results among business entities and potential customers that could be interested in first implementations of CPVS. GUT will try to bring all triple helix actors together and if it is possible to ignite new projects that will

continue/expand COPCAMS' scope and outcomes.

- Participation in significant dissemination efforts by the COPCAMS Consortium, e.g. co-authored publications, contribution to deliverables, participation in workshops, conferences and exhibitions, Artemis meetings, as well as STHORM platforms and live demos deployment.
- Internal GUT meetings, organized in order to share knowledge and results, as well as promote STHORM platforms to other projects conducted at GUT.
- Education: GUT as an academic institution will provide topics of the diploma theses for BSc, MSc, PhD degrees, that will cover the scope of the project.

14. JSI Dissemination Activities

As an academic COPCAMS partner, JSI will carry out the following dissemination activities:

- publishing in journals and conference proceedings,
- setting-up and maintaining the project website,
- establishing links with a related Artemis project, and
- promoting COPCAMS and its results in academia and industry.

Topics for papers to be published include but are not limited to embedded systems, computer vision, machine learning, multi-objective optimization, evolutionary algorithms, and application of these techniques in advanced manufacturing. Possible journals for publication include Engineering Applications of Artificial Intelligence, Applied Intelligence, Applied Soft Computing, Mathematical Problems in Engineering, and Computers in Industry. International conferences suitable to disseminate the project achievements include International Joint Conference on Artificial Intelligence (IJCAI), European Conference on Artificial Intelligence (ECAI), Genetic and Evolutionary Computation Conference (GECCO), IEEE Congress on Evolutionary Computation (CEC), International Conference on Problem Solving from Nature (PPSN), International Conference on Bioinspired Optimization Methods and their Applications (BIOMA), and International Multiconference Information Society (IS). JSI will, in collaboration with other partners in Task T5.2, publish at least one journal paper and three conference papers.

As part of dissemination activities, JSI has already created and launched the COPCAMS website (http://copcams.eu) that provides up-to-date information on the project to the public. JSI will further maintain the website by updating it with information on the project results, publications and events, and extending its functionality to support the creation of a COPCAMS community and communication with its members.

Links will be established with at least one related Artemis project for possible cooperation in designing and optimizing intelligent software modules for embedded platforms.

Promotion of COPCAMS and its results will be pursued through announcements on the JSI website and in contacts with our academic and industrial partners.

15. DTU Dissemination Activities

DTU plans to utilize several channels to ensure broad dissemination of information related to the COPCAMS project. A main goal is publication at international conferences such as ASPLOS, CODES, DAC, DATE, IPDPS, PLDI, and SOSP and in IEEE and ACM journals. DTU has an established track record within several of these venues. A supplementary goal is the frequent participation by means of presentations, posters or tutorials in workshops, Network of Excellence cluster meetings, such as HiPEAC, and events relevant to results produced from participation in the COPCAMS project. Finally, dissemination of COPCAMS achievements to technological evangelists working in the private sector will be achieved through DTU's working relationships with a number of regional SME's and seminars organized by local scientific networks.

16. TRT-UK Dissemination Activities

The main dissemination activity for TRT-UK will be dissemination within Thales. As with TRT-Fr, the dissemination strategy of the results of research projects such as COPCAMS is defined at corporate level by the technical directorate. Indeed TRT has a mission to be in contact with others parts of Thales to identify opportunities to support technology transfer to these other parts of Thales. TRT-UK will share COPCAMS information with TRT-Fr and TCS. TRT-UK will also participate in COPCAMS dissemination activities, for instance, events, conferences, such as the Advanced Video and Signal-Based Surveillance conference.

Success Metric: participation in one suitable event/conference

Like TRT-Fr our TRT-UK lab has reported in the past its project results during a Thales workshop devoted to high performance computing systems. Our hope is to present our COPCAMS results during such a workshop.

Success Metric: One workshop contribution accepted

17. QMUL Dissemination Activities

QMUL will contribute to the dissemination activities by incorporating COPCAMS results into teaching material, peer-reviewed journal, conference and workshop papers. QMUL will also organise and chair at least one panel at an international conference. The inclusion of COPCAMS results into teaching material (e.g. postgraduate computer vision courses and advanced summer schools) will provide to students an updated overview of the current available technologies and it will be also useful to understand the future research directions. Panel discussions will allow to gather partners of COPCAMS consortium and external experts

of the field to discuss and understand nowadays challenges in order to broad the view of COPCAMS project. Peer-reviewed publications will include research advances related to COPCAMS and particularly focused on computer vision.

- Success metric: COPCAMS results into teaching material
- Success metric: 6 peer-reviewed publications (2 journals, 2 conferences, 2 workshops)
- Success metric: 1 industrial panel

18. ASEL Dissemination Activities

The following are the dissemination activities planed by ASELSAN.

Conventions

Conferences, Workshops, Seminars, Symposia

We plan to submit articles in the fields of parallel processing, decision fusion, software design, algorithms, smart surveillance, etc. to international conferences, seminars, workshops and other conventions. Some candidate conferences are: “GPU Technology Conference”, "IEEE International Conference on Advanced Video and Signal Based Surveillance", "International Workshop on Information Fusion and Dissemination in Wireless Sensor Networks", "IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems".

It’s planned to participate in various seminars, symposiums and meetings in the capacity of panelist, speaker, etc. First such participation will be a special session at the Advanced Video Signal-Based Surveillance (AVSS) 2013 conference. In this special session at the AVSS 2013 conference, the current state of and potential R&D methods for smart camera systems. Main discussion topics will be:

- Smart camera architectures and algorithms to run on these systems.
- Autonomous movements of smart cameras in wide areas.
- Application examples and special requirements

R&D issues and how COPCAMS Project will resolve them will be elaborated.

Trade Fairs

Project outputs will be presented in various trade fairs, the first of which is the ITEA2-Artemis Co-summit. Next related trade fair is the IDEF Defense and Security Fair organized in Turkey.

Other Conventions

We will participate in other suitable conventions unplanned at this time where there will be opportunities to present project outputs.

Communication Materials

Presentations

Presentations geared towards various profiles (academic, top management, etc.) to promote project properties and outputs will be prepared.

Traditional Media

We plan to motivate dissemination of news pieces about the project in national newspapers, magazines, TV and other media. Target media are Hürriyet newspaper, ASELSAN magazine, Savunma ve Havacılık (Defense and Aviation) magazine, MSI magazine, TRT, Doğan Media Group televisions. We will also make the best use of opportunities to establish contact with media in meetings, conferences, fairs attended. You can see in Figure 1, pieces of news published about our internal Project in various newspapers till now.

Figure 1. **Pieces of news published about the Project in various newspapers.**

Project intranet sites

An intranet server site has been set up, where project documents have been uploaded for project members' reference.

Technical Documents

Journals

As with conferences, etc., we plan to submit articles to well-known international journals. Some of the targeted journals are: "Journal on Wireless Communications and Mobile Computing" (Wiley), "IEEE Journal on Selected Areas in Communication", "Journal of Real-Time Image Processing" (Springer), IEEE Transactions on Image Processing, IEEE Transactions on Circuits and Systems.

Technical Reports

Notable progresses in the project will be disseminated as Technical Reports. First such example has been the project system design work disseminated under the title "Designing A Real-time, Multi-sensor, Distributed Surveillance System" and number MGEO TR-13-0040 (Figure 2). Following this, algorithm design, software, etc. work will be turned into technical reports and uploaded on the ASELSAN SAP Knowledge Management System.

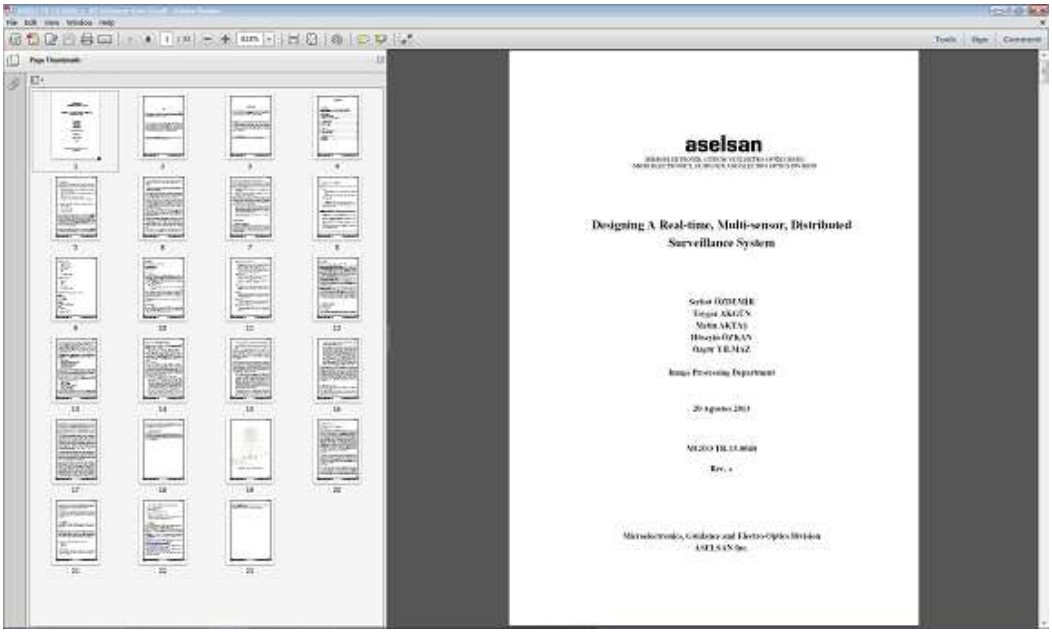

Figure 2. **Technical Report MGEO TR-13-0040 on Project System Design efforts.**

19. KTOR Dissemination Activities

Kolektor (KTOR) participates in the COPCAMS project as an industrial partner. According to the company business activities and possibilities, KTOR will carry out the following dissemination activities:

- promoting the COPCAMS achievements through the advanced manufacturing demo at the KTOR production plant,
- presenting the COPCAMS platform and achievements at the specialized fairs, and
- publishing in journals and conference proceedings.

As a global company, KTOR will promote the concept, the platform and the achievements of the COPCAMS project through its worldwide business network. The key promotion activity will be the presentation of the advanced manufacturing demo. The demo will tackle three quality-control tasks in our production processes, using the COPCAMS platform.

Additionally, KTOR will present the COPCAMS achievements through the attended specialized fairs, such as machine vision fairs, automation fairs, etc.

Publications will address the topics of machine vision, machine learning, optimization, embedded systems and implementation of these techniques in advanced manufacturing. Selected journals for publications will include international journals, e.g. Image and Vision Computing, Engineering Applications of Artificial Intelligence, and journals intended for company internal communication. The COPCAMS project results will also be presented at suitable international conferences, e.g. International Conference on Parallel Problem Solving from Nature (PPSN), and Genetic and Evolutionary Computation Conference (GECCO). KTOR will, together with the project partners, publish at least one journal paper and two conference papers.

20. Conclusion

COCPAMS has a comprehensive dissemination plan that will cover from academic dissemination (journal articles, conference papers) to industrial dissemination (specialized fairs) and including mixed academic/industrial events.

As an example of this pro-active dissemination strategy, it is worth noting that COPCAMS has already organized a Panel during the 10th edition of the IEEE International Conference on Advanced Video and Signal-Based Surveillance (AVSS) in Krakow, Poland, with a mixed academic (QMUL, GUT, CEA) and industrial (TRT-UK, ASELSAN) list of panelist.

---------- END OF DOCUMENT ----------