



EIVISA RPAS	PROJECT MANAGER	HOUR/ PLACE 09:30 @ EMSA HEADQUARTER IN LISBON
PARTICIPANTES/ PARTICIPANTS	FUNÇÕES/ ROLE	CONTATO/ CONTACT (EMAIL)
	CEIIA - Senior Board Advisor	
	CEIIA - Project Manager	
	CEIIA - Quality Responsible	
	Elbit - Senior Diretor	
	EMSA – Head of Unit Maritime Surveillance	
	EMSA – Head of Department	
	EMSA – Senior Project Manager for RPAS	
	EMSA - Senior Project Manager for RPAS	
	EMSA – Senior Project Officer for RPAS	
	EMSA – Senior Project Officer for RPAS	
	EMSA – Project Officer for RPAS Services	

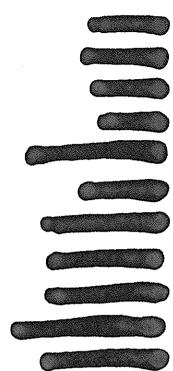
Kick Off Meeting Agenda:

Please refer to email from EMSA with agenda proposed and accepted by CEIIA.

Time	Agenda Item	Speakers
09:30 - 09:45	Introduction and welcome (objective of the meeting)	EMSA
09:45 – 10:00	Objectives of the contract: EMSA expectations and priorities Description of the contract: modules, specific contracts, schedule Follow-up the contract: EMSA points of contact, visits, working procedures, common project management and document repository or use by service providers	EMSA
10:00 – 10:30	Presentation of Companies Presentation of the RPAS system Project Management Plan Team composition Risks of the project and mitigation plan	Contractor









Film:	Agenda liem	Speakers
10:30 – 11:15	Current status of the system (Configuration, capabilities and limitations) Activities to complete the RPAS Training program including information of the CEiia staff hired Using of EMSA SATCOM services for the Hermes 900	Contractor
11:15 – 11:30	Coffee break	All
	Module 1: Set-up of services	J
11:30 – 11:415	Description Permit to fly: countries, identification number, Operational limitations, class of airspace, ATM Site survey Deliverables, milestones and schedule Mandatory configuration and Capability tests	EMSA
	Module 2,3 and 4: Mobilisation, On-site activities, Flights	
11:45 – 12:00	Description Deliverables, Milestones and schedule Weekly Flight Schedule / Flight reporting Flight durations and frequencies Data analysis and reporting Data exploitation Operations personal management: substitutions Operational Risks and mitigation plan	EMSA .
	Module 5: Interfacing	
12:15 – 12:45	Description Planning Solution Implementation plan	EMSA, Contractor
	Documentation	
12:45 – 13:00	 Status of the documentation Configuration management RPAS portfolio RPAS passport and related information 	Contractor
13:00 – 13:15	Conclusions / Summary follow-up actions Questions and clarifications AOB	All
13:15 – 14:30	Lunch	All
14:30 – 16:00	Optional continuation if necessary	All





ITEMS PRESENTED AND DISCUSSION:

1 – OBJECTIVES AND PROJECT DESCRIPTION BY EMSA

1.1 – After a round table presentation for everyone present (see list of attendees), Mrs introduced the main objectives for the project and goals for star of operations, stating that there is interest from the countries (more than 10 countries) to have the services provided by CEIIA and Elbit as per OP/01/2018 Framework Contract.

1.2 – After introduction a brief presentation (see attachment X) was held by Mr. expectations from EMSA were it was asked to:

- Always have a culture of transparency between EMSA and CEIIA people;
- Necessary to make the process of documentation generation and update more agile;

2 - CONTRACTOR PRESENTATION AND PROJECT DOCUMENTATION

- 2.1 Following topic of the agenda consisted of:
 - CEIIA general presentation (see attachment X)
 - Elbit general presentation (see attachment X)
 - Draft Project Management Plan (PMP) document and Project Gantt was showed (see attachment X)
 - CEIIA organisation, Recruiting and Training Plan was showed and discussed;
 - Draft CEIIA Risk Management document was also Showed;

Regarding the above topic EMSA provided the following feedback:

- EMSA is concerned about the team availability and necessary manpower to attain permit to fly with necessary documentation
- EMSA expected to have documentation already issued and with more maturity level
- EMSA expected to have a presentation of topics related to PMP and a review of the document as provided by CEIIA
- EMSA requested the detailed training syllabus for operators such it can be verified that this capability will be available in CEIIA team

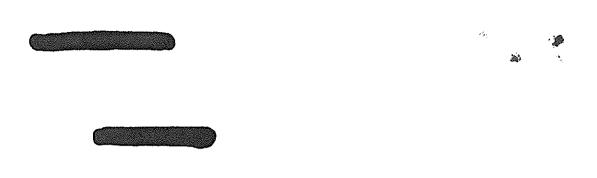
CEIIA replied to EMSA concerns reassuring that all efforts will be performed to achieve EMSA expectations

ACTIONS:

Al1 – CEIIA to send draft versions of documents to be reviewed and discussed by EMSA personnel and CEIIA in following meetings

AI2 - CEIIA to send training syllabus for operators

MI080.1.02





3 - RPAS STATUS

- 3.1 The following status regarding aircraft was provided by Elbit:
 - Elbit will need to follow export licence procedures to be able to send the RPAS to Europe, mainly:
 - o Achieve an export licence from Israel MOD (although a pre-approval has been achieved during the tender) and would not take more than weeks. This activity is already ongoing.
 - Achieve an export licence from Italy MOD for declaration is needed.
 - In relation to this Elbit will provide the forms necessary to EMSA evaluate if can provide this
 declaration signed by them or if need to wait and sign it with hosting country of services end
 user.
 - vailability:
 - o Elbit already issued a Purchase Orde or a new
 - o Elbit already have a requested to replace or replace of available system. Elbit will access was shall be the best solution and inform EMSA as soon as possible. Nevertheless, the usage of the radar is dependent on export licence issued by
 - Regarding the radar antenna, EMSA informed that it will need proof of repair/substitution order such it can attached to ICT approval justification from EMSA;
 - EPIRB
 - o Implementation of system is following plan showed during ICT and will be achieved as planned
 - RPAS Configuration
 - o Configuration demonstrated in ICT is available to deploy
 - Elbit will evaluate during fist deployment if it is needed to manufacture a platform specific to this project.
 - O Demonstrated payload is installed and will be used for first deployment mission
 - o Elbit does not have a plan to integrate the payload form the deployments

AI3 - Elbit to provide export licence documentation to EMSA to be assessed.

- 4 MODULE 5 (item discussion was performed during morning due to availability from EMSA personnel)
- 4.1 EMSA made a brief presentation of RPAS-DC tool and requirements for interfacing (see attachment X)
- 4.2 CEIIA also made a brief presentation were a scheme of the high-level architecture envisioned to enable delivery of Mission data to the RPAS-DC according to tender requirements (see attachment X)
- 4.3 To continue discussion of this topic a dedicated meeting was scheduled to happen on the 12/11/2018 @ 16h. Meeting requests already sent to POCs for this task on EMSA and CEIIA side. From CEIIA the POC for this activity will be and from EMSA,

4 | Pg. **4 |** Pg.





5 - SATCOM

5.1 - EMSA made a brief presentation with status of on	going tender to be able to
and for da	(see attachment X). Contract signature for this tender is
imminent. This will make available	
5.2 – EMSA also informed that according to provided in	formation on available in the aircraft
during ICT it should be compatible with the	
Elbit will verify if	hanged from the ICT.
5.3 – It was agreed between all parts that if	

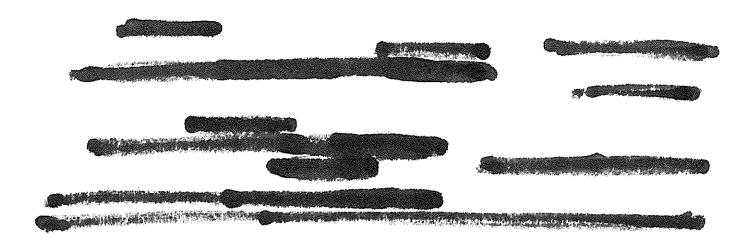
AI4 – Elbit to inform EMSA if SATCOM terminal has changed from the ICT.

Al5 - EMSA shall provide technical information of SATCOM service to CEIIA and Elbit

6 - DETAIL ACTIVITIES

- 6.1 EMSA presented the activities envisaged for the module 1 such as:
 - · Capability Test Plan
 - Site Survey
 - Permit to Fly
 - Deployment Plan
- 6.2 EMSA also presented details on activities for other modules (see attachment X)
- 6.3 EMSA also requested a specific procedure to communicate and approve changes to configuration of RPAS
- 6.4 Questions were performed by CEIIA about RPAS PASSPORT document and a dedicated conference call meeting was scheduled to the 08/11/2018 @ 11h30 to discuss the document in detail. Meeting requests already sent to POCs for this task on EMSA and CEIIA side. From CEIIA POC for documentation will be
- 6.5 Regarding PORTFOLIO document already provided by CEIIA, EMSA is evaluating and will provide feedback on the content.
- 6.6 A brief status on documentation was provided by CEIIA and a follow-up weekly meeting was agreed to happen every Thursdays at 10AM starting at 15/11/2018. Periodicity of the weekly meeting will be accessed as soon is considered not necessary such a short follow-up by EMSA.
- 6.7 EMSA informed CEIIA that tool is used to manage the project. It was requested a generic email from CEIIA to create a user to enable CEIIA to use the software and interact with EMSA project management team. For project management issues are the POCs from EMSA side.
- 6.8 All emails exchanged between POCs with regard to contract shall have in the subject OP1/2018 or CEIIA and generic email for this contract XXXXX shall be used.

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AI6 – EMSA shall provide feedback for the PORTFOLIO document.

AI7 - CEIIA to provide generic email to create access to

Meetings Scheduled:

Module 5 dedicated meeting scheduled to happen on the 12/11/2018 @ 16h

RPAS PASSPORT conference call meeting scheduled to the 08/11/2018 @ 11h30

Follow up every Thursday	
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ACTION ITEMS:

Addressed	Action Description	Responsibile	Dure Daire
Al1	CEIIA to send draft versions of documents to be reviewed and discussed by EMSA personnel and CEIIA in following meetings		12/11/2018
Al2	CEIIA to send training syllabus for operators		12/11/2018
Al3	Elbit to provide export licence documentation to EMSA to be assessed.		12/11/2018
Al4	Elbit to inform EMSA if SATCOM terminal has changed from the ICT.		12/11/2018
Al5	EMSA shall provide technical information of SATCOM service to CEIIA and Elbit		16/11/2018
Al6	EMSA shall provide feedback for the PORTFOLIO document		16/11/2018
Al7	CEIIA to provide generic email to create access to tool.		16/11/2018

^{*}These actions planned above will be followed in Action Items document for the project

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AUTOMOTIVE

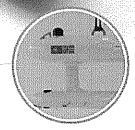
BE02 and I.Bike Smart Mobility Devices



NIOBILITY mobi.me



AERONAUTICS AW609 Leonardo Helicopters



OCEANS MEDUSA Deep Sea Autonomous Underwater Vehicles

2018

| ABOUT US

| MAIN CLIENTS AND BUSINESS PARTNERS

MAIN R&D PARTNERS

CERTIFICATIONS

ABOUT US

CEIIA is a **Centre for Engineering and Product Development** that designs and operates innovative products and systems in cutting edge mobility industries, such as automotive, mobility, aeronautics, sea and space.

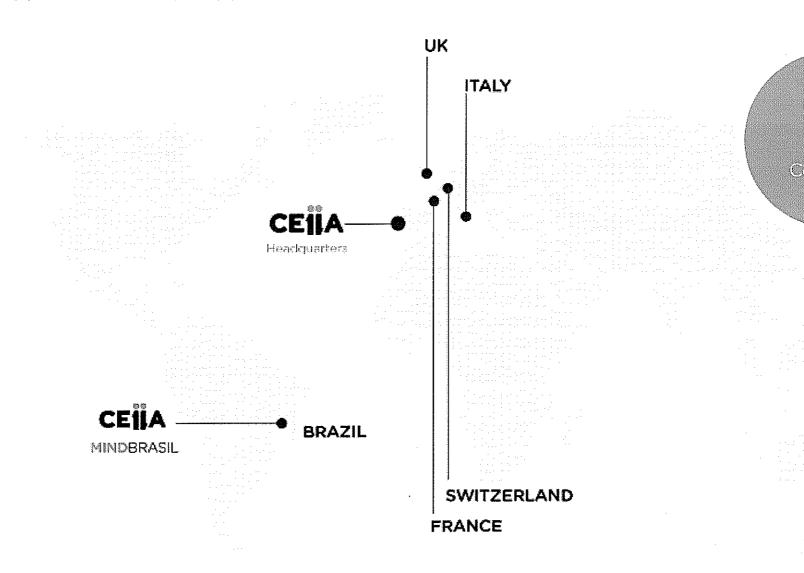
CEiiA offers complete solutions, covering all product development phases from concept to the production of small series, and operates intelligent systems.



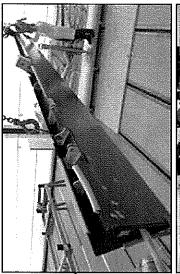


WHERE ARE WE?

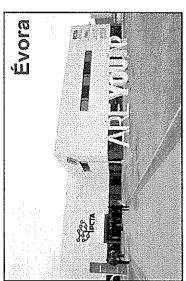


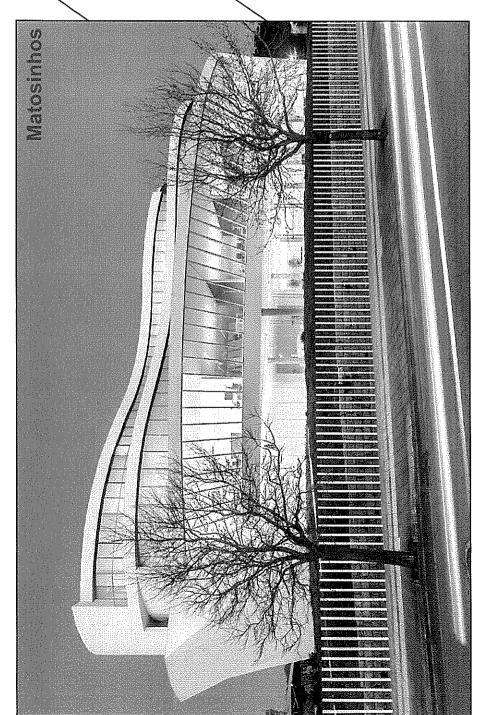




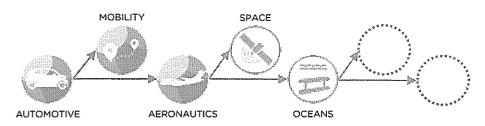








OUR FOCUS INDUSTRIES



Automotive Mobility Aeronautics Ocean Space



MAIN CLIENTS AND BUSINESS PARTNERS

































MAIN R&D PARTNERS

Portuguese Universities













International Universities

















International R&D Platforms

- Member of EREA (European Research Establishment in Aeronautics)
- Member of IFAR (International Forum for Aviation Research)
- Founder and Board Member of eMi3 (eMobility ICT Interoperability Innovation Group)
- Member of EGVI (European Green Vehicles Initiative)
- Member of EPoSS (European Technology Platform on Smart Systems Integration)













CERTIFICATIONS

EMBRAER (Commercial and Executive) qualified

Structures - Project (Design) / Structures - Analysis

AgustaWestland QRS01 qualified

Product Development / Composite Parts Production (on-going)





Recognised engineering supplier

VW, Siemens, Renault-Nissan and BMW



SIEMENS



PSA PROGEOT CHROEN



EN9100 | ISO9001 Certification

Design & development / Project management and execution / Components production

ISO17025 Certification

Structural testing approval (on going)







CELA TECHNICAL AREAS

INTELLIGENT SYSTEMS ENGINEERING

PRODUCT DEVELOPMENT

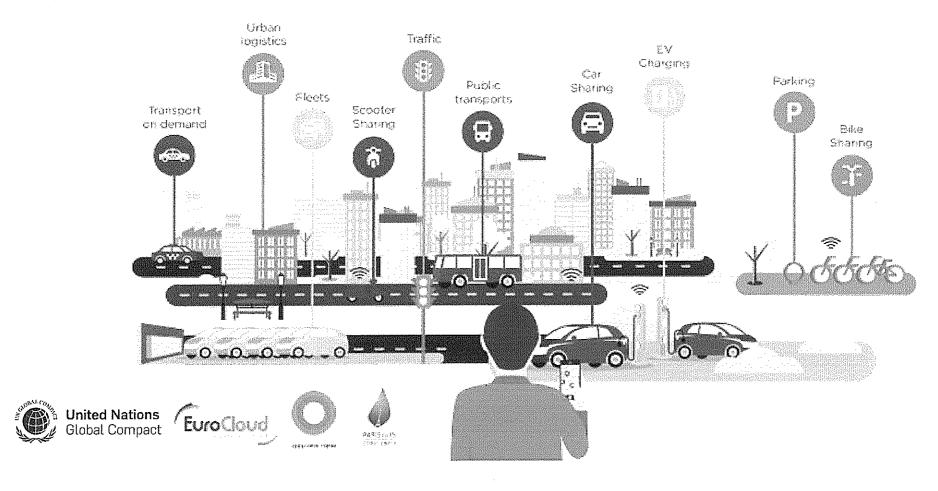
Мовинку

UAVs, Ocean and Space

PROJECT ENGINEERING

CEiiA | mobi.me platform

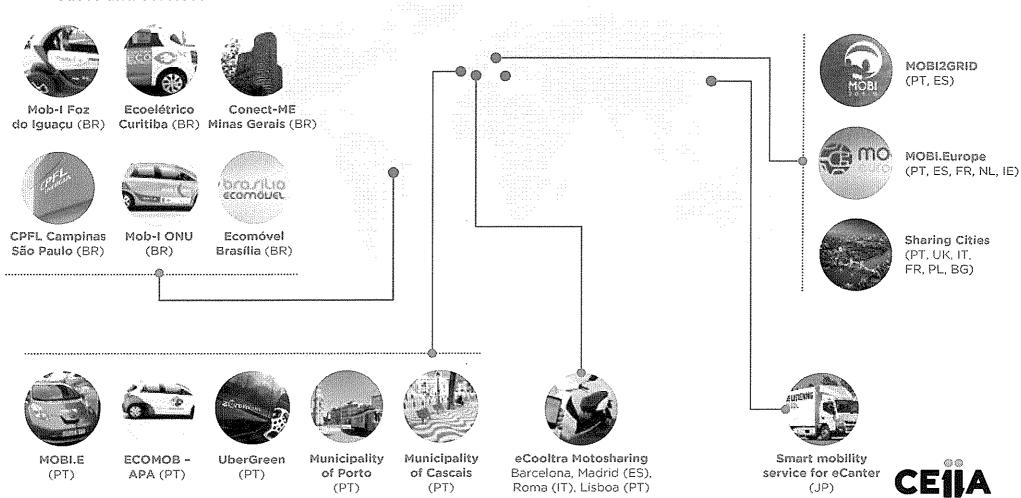
mobi.me is a mobility management platform for cities that connects all types of mobility devices in real time, allowing the management and operation of several shared and on-demand mobility services (vehicles, bicycles and motorbikes) in an integrated way with other services and with public transportation.





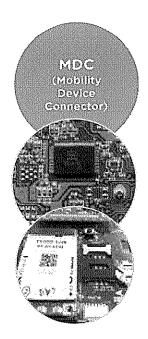
INTELLIGENT SYSTEMS ENGINEERING

Cases and services



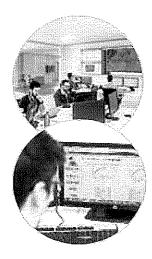
MOBI.ME - THREE LEVELS STRUCTURE

ELECTRONICS



Electronic device to connect any object of physical mobility to mobi.me, with full HW and SW (FW) development by CEiiA.

PLATFORM



Real-time management platform for all kind of connected devices

Business Intelligence and Big Data platform

INFORMATION



Android tablet app customized for the business operation and maintenance information needs

pp End User iOS or Android app customized to different users of different operators

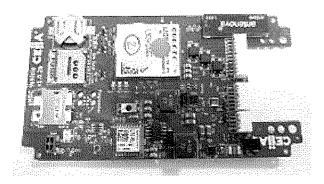


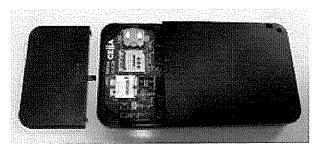
Web Portal



MOBI.ME - MDC

Electronic device to connect any object of physical mobility to mobi.me



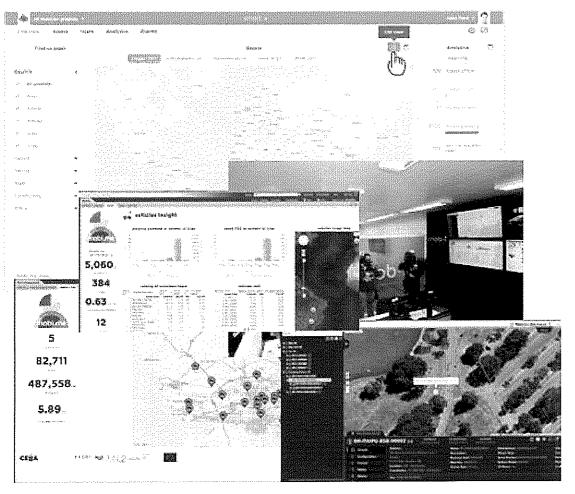


- The MDC (mobility device connector) is the connectivity base element for the integration of services, allowing connection between object.
- For example by introducing the MDC in a vehicle, it automatically associates it with new services.
- Full HW and SW (FW) development by CEiiA.



MOBI.ME - Platform

Real-time management platform for all kind of connected devices



- Allows real-time management platform for all kind of connected devices.
- Allows asset management, connectivity and configuration management, CRM, billing, energy smart control.
- Business Intelligence system.
- Integrates Big Data and interactive visualisation technologies with a strong machine learning.
- Produces statistics.
- Supports Operation and Control Centres in different locations.



NEW PRODUCT DEVELOPMENT AREAS

LUAVS

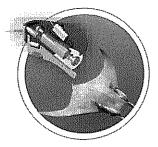
OCEAN

SPACE

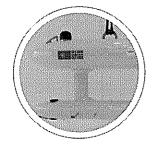
UAVs, Deep Ocean and Space



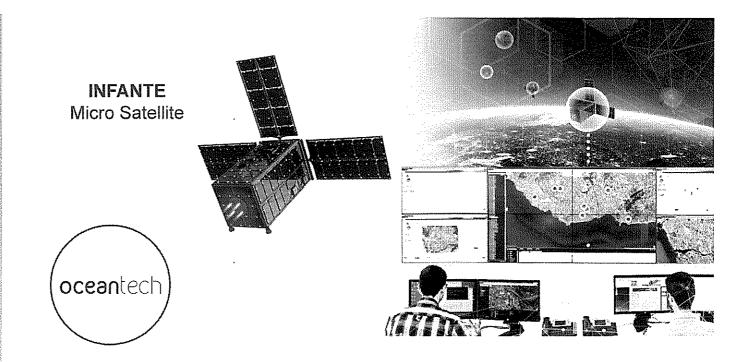
UAVs



Non-Invasive Marcs



Unmaned underwater vehicles



Operations management system based on autonomous intelligent vehicles













Torpedo AUV

Seafloorlander

Hybrid ROV

Top side

Communications

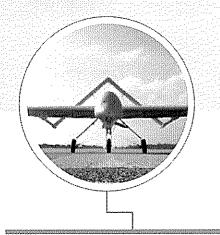
Management System

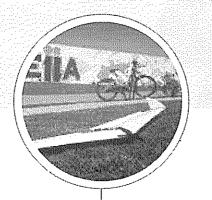
UAVS - UNMANNED AERIAL VEHICLES

OVERVIEW

At the beginning of 2014 CEiiA has joined skills with the Portuguese Airforce to develop and operate fixed wing platforms for Power lines close inspection and surveillance missions. CEiiA was responsible for the aerodynamic analysis, CAD design, stress analysis, manufacture, assembly and payloads integration.

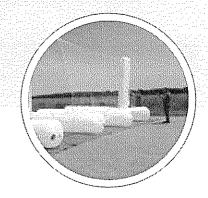
PRODUCT DEVELOPMENT





TESTING & PROTOTYPING





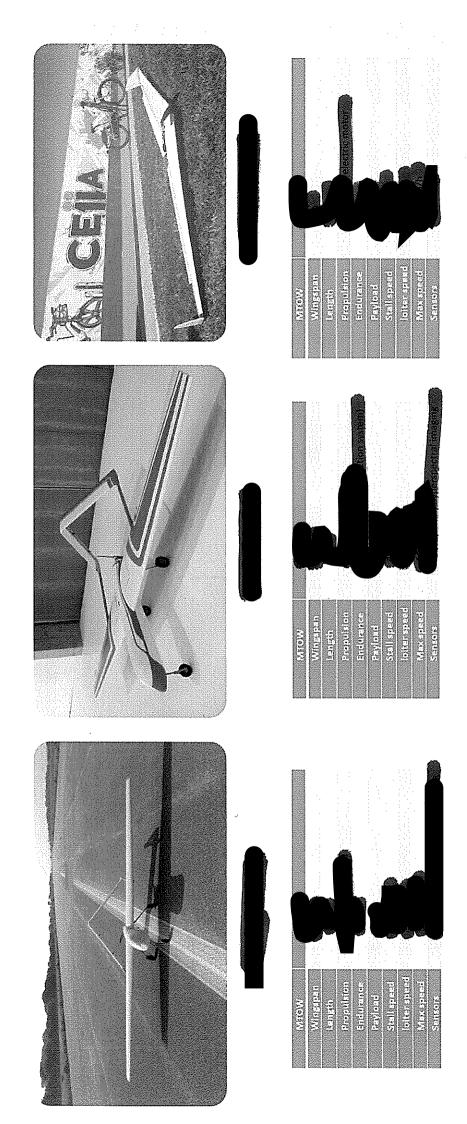
The UAS 30 was specifically developed for power lines inspection and surveillance missions and has accumulated more than 100 flying hours so far.

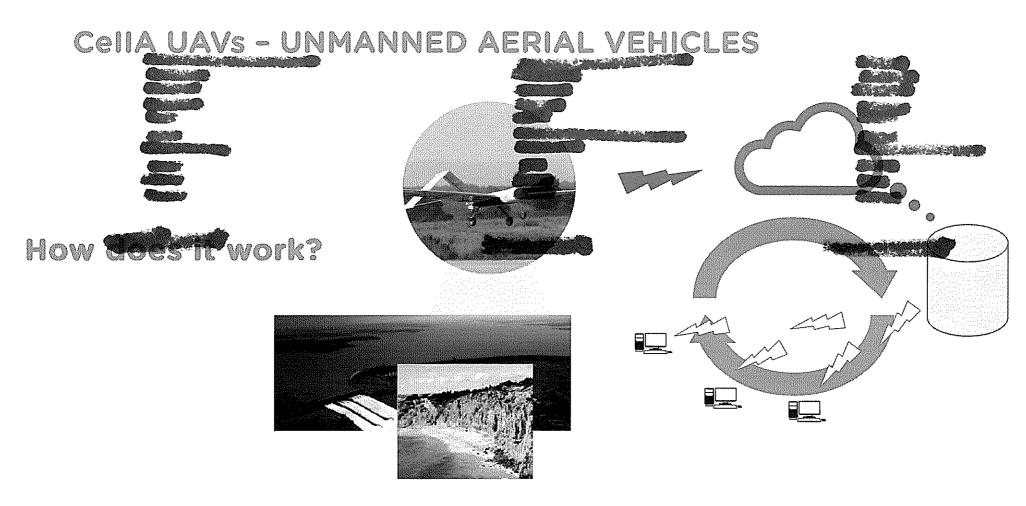
Delta spotter is a service based on small and low cost swarm UAVs with EO cameras and real time data processing. Delta spotter is being specifically developed for firefighting support missions.



CEIN UAVS - UNMANNED AERRI VEHICLES







- The UAV collects and transmit to the GCS all sensors DATA.
- An "online" tool gather all de DATA for decision making process (e.g. Search and Rescue, Pollution control, traffic schemes observation, fishery control, etc.).



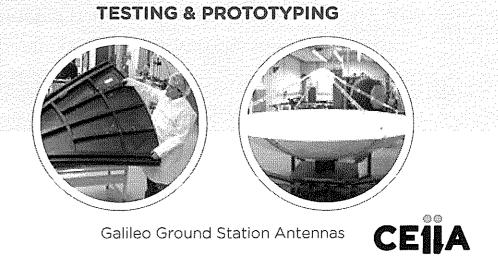
SPACE ENGINEERING

OVERVIEW

The activity of CEiiA in the space field is centred on the design, development and testing of aerospace structures, for both the space and ground segment.

Focusing on the ground segment, CEiiA has in its past developed and manufactured 12 GALILEO Ground Station Antennas for Satellite Communications. Within the space segment, CEiiA has recently initiated a series of initiatives, built upon its knowledge and experience on the design, structural analysis and systems integration of aircraft structures.

PRODUCT DEVELOPMENT MECSE Nanosatellite

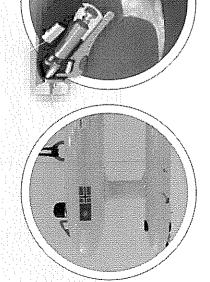


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The Ocean Engineering area is one of the most recent working areas of CEiiA.

integration, this area conceives, develops, tests and operates underwater vehicles integrated within Built upon CEiiA's experience in design, structural analysis, hydrodynamic analysis and systems collaborative management and monitoring systems targeted to deep sea exploration.

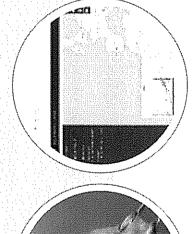
PRODUCT DEVELOPMENT



Deep Sea Autonomous Underwater Vehicle

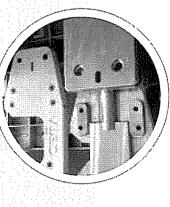
Towed Tagging Devices for Sea

Animals



Ocean Data Management System

TESTING & PROTOTYPING



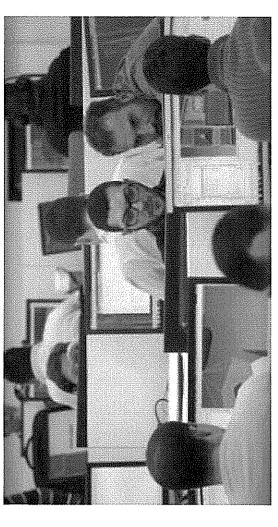
Underwater Structures and Tools



OVERVIEW

Development of components, modules, systems and products for the industry. Among the core competences of this area, where design and structural analysis of advanced components and mechanisms stand out, it's worth to mention the safety and reliability analyses, the support for components and systems certification and manufacturing producibility analysis such as metal forming, plastic injection and molding simulation.

CEIIA is involved in the research and development of structures using advanced composite materials. The extensive experience, originally obtained in the aerospace industry, in the design and analysis of composites is now being used in the Automotive, Space, Sea and Defense sectors



Project Engineering team in Porto



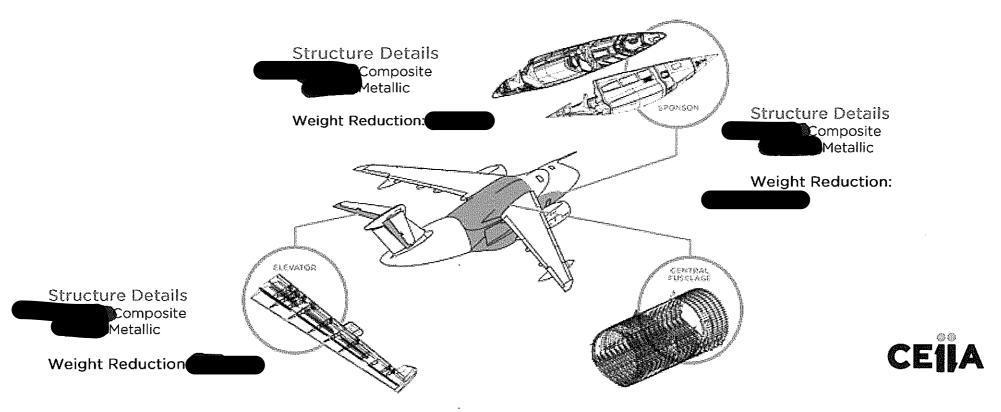
| AERONAUTICS

| AUTOMOTIVE

PROJECT ENGINEERING

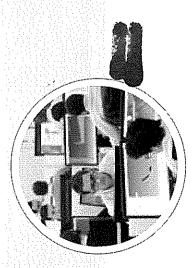
For example: STRUCTURAL DEVELOPMENT AND OPTIMIZATION OF THE NEW EMBRAER KC-390

CEiiA is responsible for the development of three modules of the new KC-390, Embraer's largest airplane, two of those being critical primary structures of the aircraft. The Elevator and Sponson were entirely developed at CLiiA, from concept to certification, with the participation in the Central Fuselage being focused on the detailed design and weight optimization of the structure.



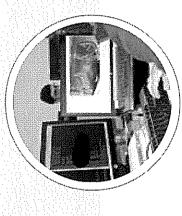


OVERVIEW



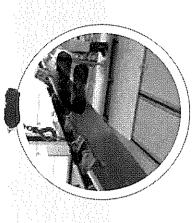
Design

(DMU) / Design Optimization - cost and weight reduction / System installation / structure / Design Solution Trade-offs , Preliminary sizing / Preliminary and Drawings (ICDs) / Digital Mock-up detailed design / Interface Control Design of primary and secondary Re-design



Structural analysis

correlation / Design and Production support / In- Service Repairs / MRB Tolerance) / Structural Justification Analysis (Static; Buckling; Non-Reports / Tests definition and Linear; Modal; Thermal; Vibroacoustic; Fatigue & Damage support / SRM support





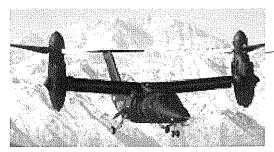


PROJECT ENGINEERING

Other PROJECTS

LEONARDO (EX AUGUSTA WESTLAND) AW609 MARENCO Skye - SH09 VW EOS

MODUTOP Simoldes Plásticos



Drawing Conversion; Center Fuselage Modification to accommodate a Clam Shell Door: AC4 Retrofit and Production A/C; Feasibility and Weight Reduction Studies



Engineering services in structural analysis at Marenco facilities in Switzerland.



Reduce production line deformations and improve product quality in VW EOS



Development of a large central console for cars with a panoramic roof that allows a substantial cost reduction as compared to existing solutions.



PROJECT ENGINEERING

Other Auto PROJECTS

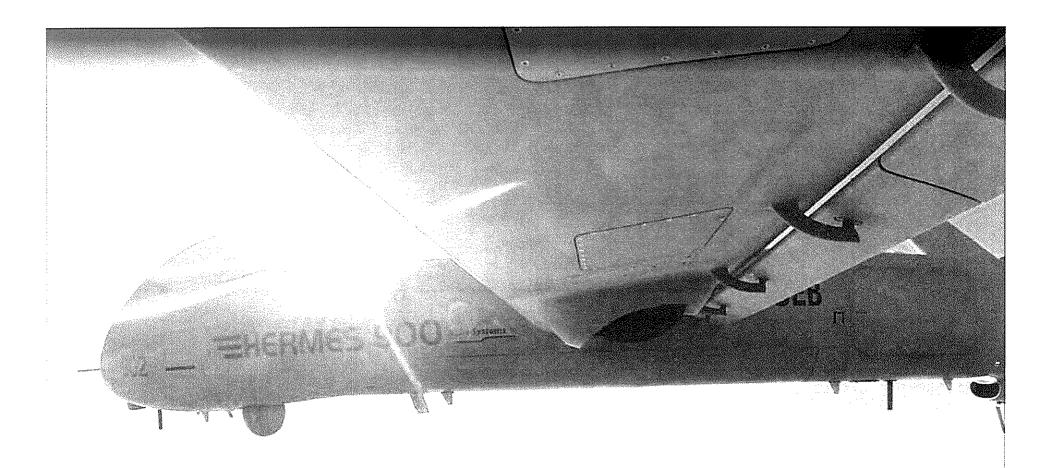




IF YOU WANT TO GO FAST, GO ALONE IF YOU WANT TO GO FAR, GO TOGETHER



TOGETHER, WE CAN GO FAR...
LET'S PARTNER?





ELBIT SYSTEMS UAS



Our Vision

To be a **world leading** source of **innovative**, **technology-based** systems for diverse defense, homeland security and commercial applications.

At a Glance (ESLT)

Multi-Domestic High Technology Company

Publicly Traded on NASDAQ (ESLT) and Tel Aviv Stock Exchange

Annual revenues: \$3.378B (2017)

Firm backlog of orders: **\$7.647B** (2017)

Work Force: **12,800 employees**

Ranking: **27**th largest defense company in the world

(Defense News Top 100 for 2017)





Organization Chart





Elbit Systems Land & C4l Division



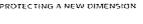
Elbit Systems – ISTAR Division



Elbit Systems Aerospace Division



CYBERBIT

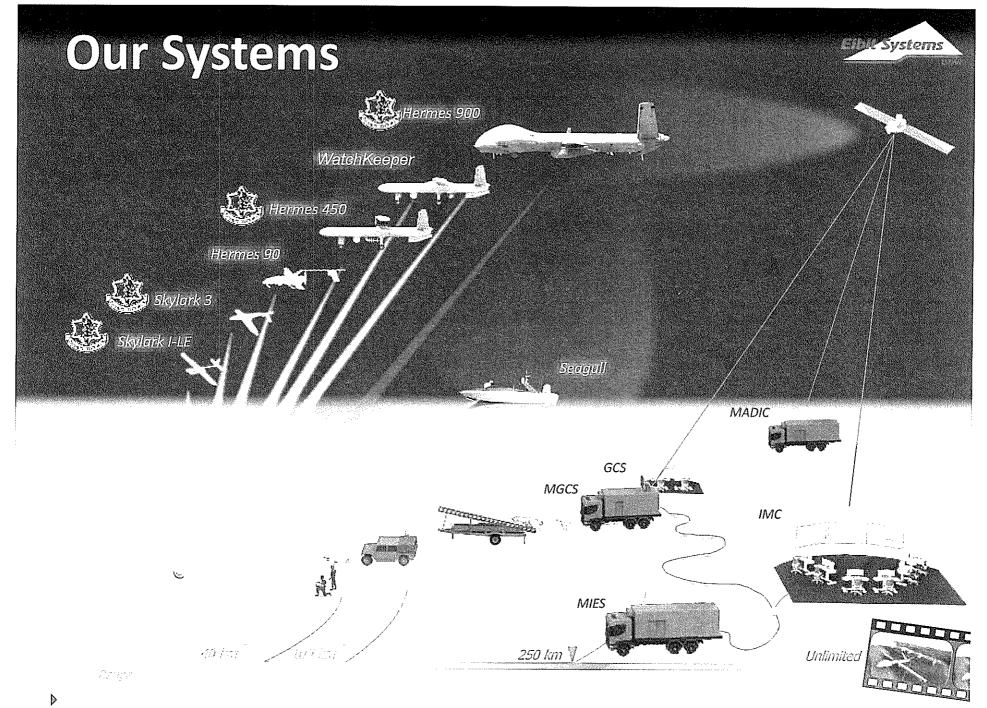


[BOD] Elbit Systems

Elbit Systems of America



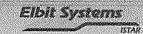
Elbit Systems EW and SIGINT - Elisra Division

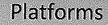




A UAS House

A UAS house







Skylark I-LE



Hermes 90



Henmies 450



Hermes 9000

Payloads









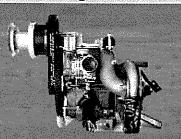








Engines



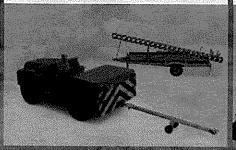
Flight Test Facility



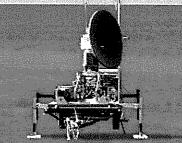
GCS



Ground Support System



Communication





Trainer



Exploitation System



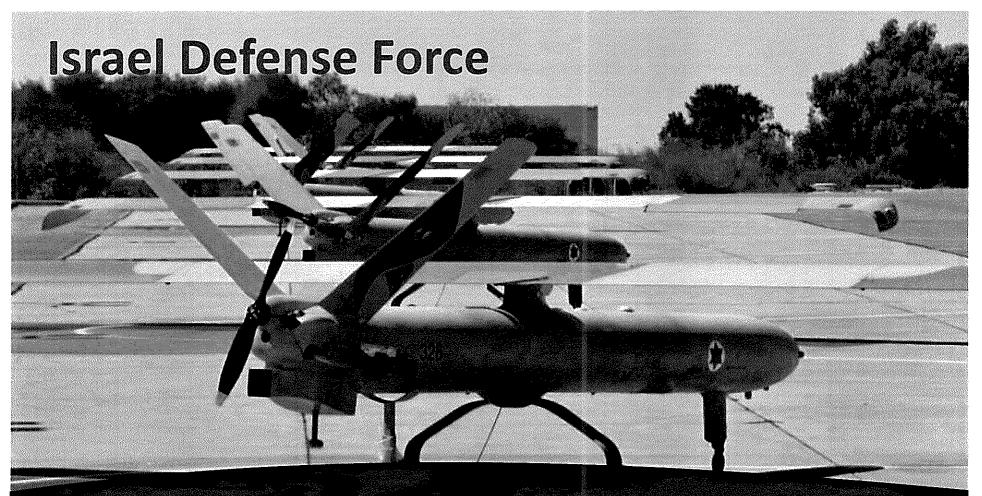
© 2015 by Elbit Systems | Elbit Systems Proprietary [6]

cale Production Lines Elbit Systems ARMY WK004 MK003 AX-UED ₩HERMES 800

© 2015 by Elbit Systems | Elbit Systems Proprietary [7].



Past Performance



- → Hermes™ 450 Backbone of IDF UAS
- → Over 300,000 flight hours in IDF alone
- Only tactical UAS currently in service with the IDF

Israel Defense Force

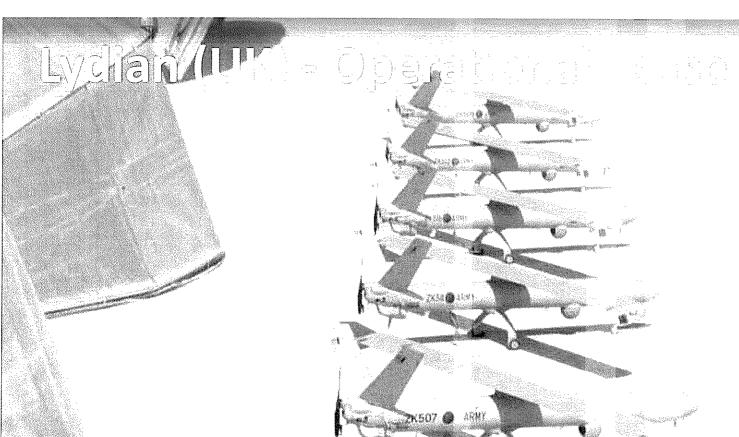
W-USZ **

29 6

Hermes 900 - "Star" - The IAF new MALE UAS

Operational since Pillar of Defense



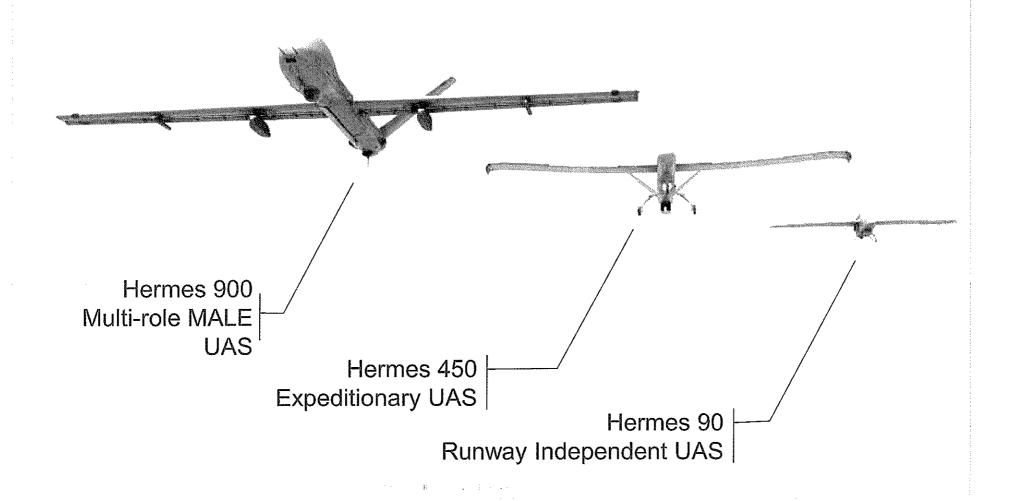


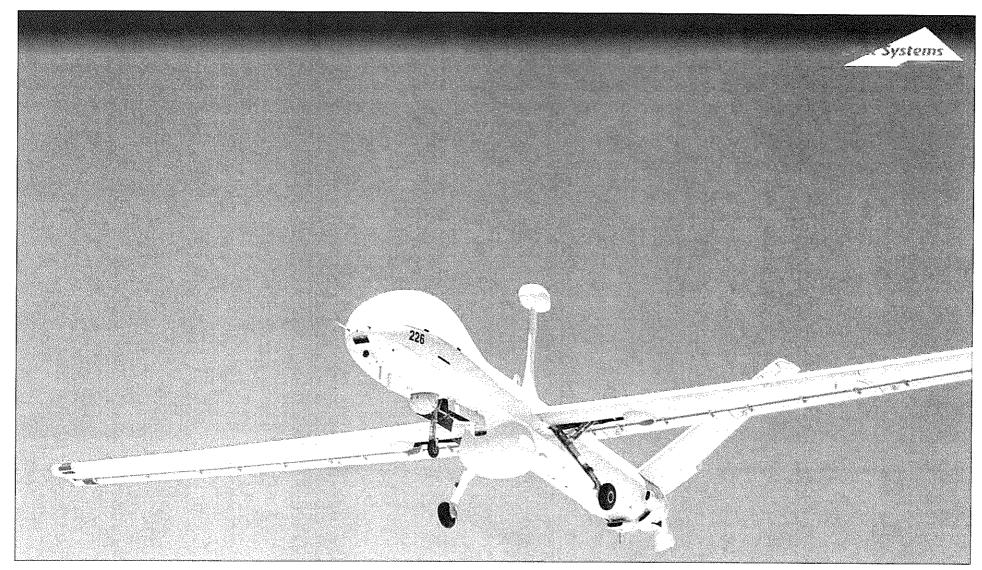
- → "85% of the full-motion video that is available to Task Force Helmand" www.mod.uk
- → 100,000 operational flight hours





Hermes[™] UAS Family



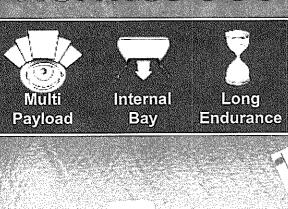


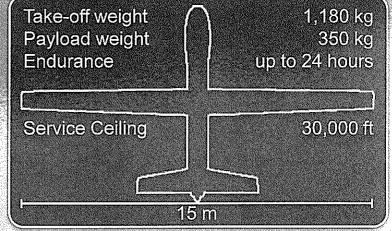
Hermes[™] 900

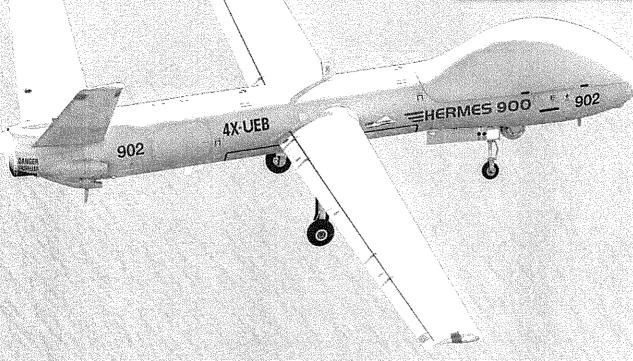
Multi-role IMALE WAS

Hermes 900 - Multi-role MALE UAS







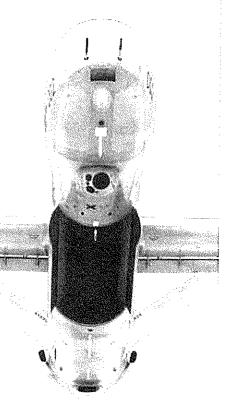




Hermes 900 - payload capacity



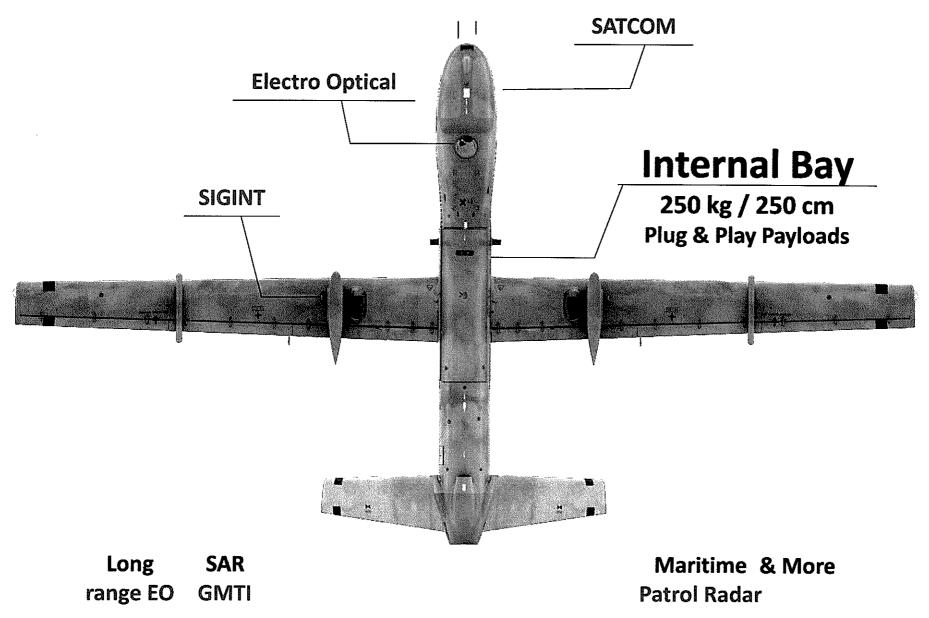
- -Internal 250kg bay
- -4 external hard points
- Best in class payload capacity



Hermes 900 global success DELIVERED Israel Air Force - 2010 Chilean Air Force - 2011 DEIVERED Mexico - 2011-European customer - 2012 IAF Second contract - 2012 Brazil - 2014 Additional undisclosed customer - 2012/2014

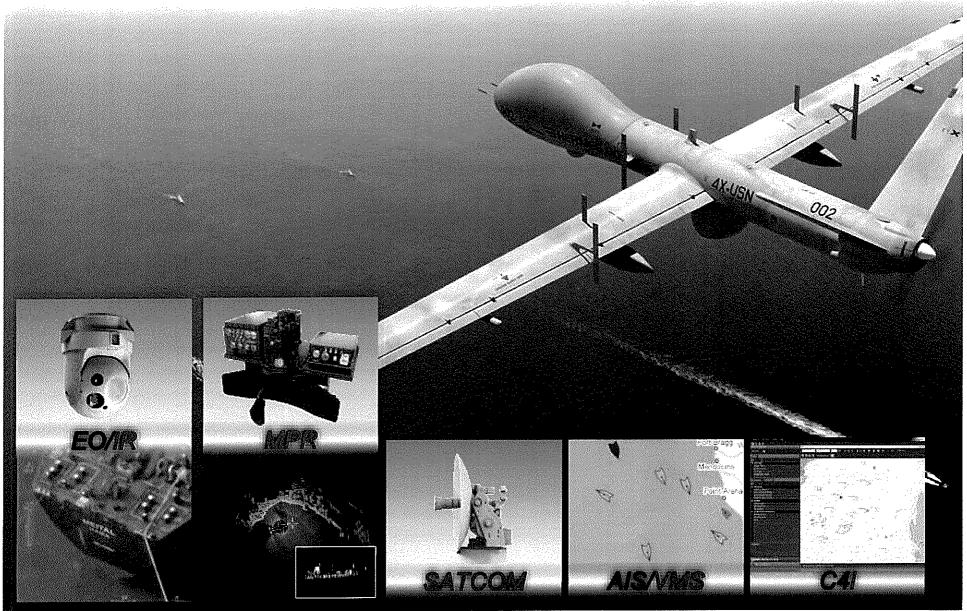
Hermes 900 - Multi Payload





Hermes 900 Maritime





2015 by Elbit Systems | Elbit Systems Proprietary [21]

Elbit UAS

Thank you for your attention

Weekly report [2018-W46]

CEIIA

2018/EMSA/OP/01/2018

1.0

Date: [14/11/2018]



Document History

interies V	Deite see	Changes	12(4 <u>26(46</u>)	(\$)a)a)dox(e)a
1.0	14/11/2018	Creation		

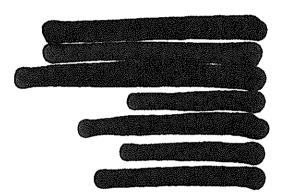
Distribution

Organisation.	Name
EMSA	Contracting and the contraction of the contraction
CEiiA	

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6.	. Risk analysis				
7.	. Up to date configuration of the RPAS				





1. Summary of the past week

AIRCRAFT

• ICT Aircraft available.

SENSORS





Still waiting for End User Form from



o Installation on-going as planned in ICT

COMMUNICATION

Elbit will provide pec and Information

GROUND STATION

NTR

DOCUMENTATION

- RPAS Passport ongoing
- RPAS Portfolio delivered
- Project Management Plan in approval process (a draft version will be sent)
- Business Unit Organization in approval process
- Business Unit Recruitment in approval process
- · Communication Plan in approval process
- Risk Management Plan in approval process
- Training Plan on-going
- Quality Management Plan on-going
- Airworthiness Management Plan on-going
- Configuration Management Plan on-going

1.1 Present RPAS configuration

NTR



1.2 Flight operations

NTR

2. Plan for the next weeks

2.1 Set-up

NTR

2.2 Documentation

The following documentation will be available by the 20th of November

- RPAS Passport to be delivered
- Project Management Plan to be delivered
- Business Unit Organization will be available
- Business Unit Recruitment will be available
- Communication Plan will be available
- Risk Management Plan to be delivered
- Training Plan will be available
- Quality Management Plan to be delivered
- Airworthiness Management Plan to be delivered
- Configuration Management Plan to be delivered
- Capability Test Plan to be delivered
- Operational Plan to be delivered
- Emergency / Contingency Plan to be delivered

2.3 Flight operations

NTR

2.4 Date of next meeting

15th of November 2018.



3. Actions

The actions items are extracted from Teamforge.

Pr.	Artifact ID	Title	Assigned To	Status	Due date
	Al1	CEIIA to send draft versions of documents to be reviewed and discussed by EMSA personnel and CEIIA in following meetings		Open	12/11/2018
	Al2	CEIIA to send training syllabus for operators		Орел	12/11/2018
	AI3	Elbit to provide export licence documentation to EMSA to be assessed.		Open	12/11/2018
	Al4	Elbit to inform EMSA If		Open	12/11/2018
	AI5	EMSA shall provide technical information of the state of		Open	16/11/2018
	A16	EMSA shall provide feedback for the PORTFOLIO document		Closed	16/11/2018
	Al7	CEIIA to provide generic email to create access to TEAMFORGE tool.	A shipping general of page Annual Ann	Closed	16/11/2018

4. Up to date planning

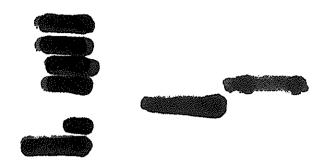
The updated planning is presented in the attached Gantt chart.

The plan will be updated with some information that need to be confirmed.

5. List of deliverables

Changes are identified in green, and remaining to be changed or uploaded in TF are higlighted.

EMSA Document Requirement	REACT Document	TeamForge Doc. ID.	Date of first delivery	Date of next delivery	Date of final delivery
TBC	ТВС				
					3003-3



6. Risk analysis

The risks have been reviewed on both projects: no changes this week

.



Operação, Processo (WBS), Regulsito/ Process (unction (WBS), Requirements	Petit de appartue OscotPeta	Patking	MGE F	Respons	Rickala F	RtskiDescription	ilikte stelang	· Pateriality		Misk flomerks	Résk Milliga Hort Plan	Маржитемуолеры
Recursos Humanos	10/05/18	Team training	Management	N5	1	if training of personnel by Elbit is delayed then the deployment of CEIIA personnel is also delayed and the On Job Training may not be finish as planned	Open	2	2 4		dentify contingency measures if some compromising delay happens	1. NRS 2. FM
Recursos Humanos	10/05/18	Team training	Management	NS	2		Open	2 3	2 4	;	 Follow up training progress and identify trainings with difficulties to achieve intermidiate training goals Negotiate with Elbit to replace the CEIIA team member in the next deployment 	1. GP 2. NRS
Contract	10/05/18	Elbit subcontract	Management	NS	3	If Eibit fails to comply with H900 availability then CEIIA will not be able to fulfill missions to EMSA within requested dates	Open	2	4 8		 Plan oil relevant dates with sufficient GAP to anable some unforeseen delay from Elbit or ssue with transport/ customs Maintain Elbit aware of due dates and milestone to fullfil mission requirements 	1. NRS 2. NRS
Contract	10/05/18	Elbit subcontract	Management	N5	4	if Hermes900 does not comply with all requirements of the FWC then the Flight Hour Rate may be reduced accordingly	Open	2 4	4 8	ŗ	1. Follow with Elbit the installation of equipment, namely the Radar and Epirb 2. Maintain Elbit aware of due dates, equirements and milestones to fullfil contract equirements	1, NRS 2, NRS
Permit to Fly	10/05/18	Permit to Fly	Airworthiness	FM	5	If CEIIA with Elbit fails to achieve Permit to Fly in planned dates then the deployment will be delayed and customer may be disappointed and cancel future missions	Open	2	2 4		Customer and National CAA to identify	1. FM 2. LR 3. BUMD
Mission	10/05/18	MOD. 4	Flight Operations	N5	6	If CEIIA/Elbit is not able to comply with mission dates requested by end user, due to RPAS maifunction, then mission will be canceled and customer may be disappointed	Open	2 2	2 4		L. Perform Maintenance IAW the correspondent orogram 2. Schedule every intervention that could ground he RPAS for a non impact period	2. Site Manager and ELBIT
Mission	10/05/18	MOD. 4	Flight Operations	N5	7	if during flight any malfunction arises, it may lead to mission stop and early return to deployment site. This will cause disappointment to customer and end customer	Open	2 :	2 4	·	I. Perform Maintenance IAW the correspondent orogram 2. Schedule every intervention that could ground he RPAS for a non impact period	2, Site Manager and ELBIT
Mission	10/05/18	MOD. 4	Flight Operations		8	If during flight any malfunction arises and aircraft is lost (crashed landed), then emergency procedures shall be performed.	Open	1 4	1 4		L. Emergency procedures plan shall be developed 2. Emergency plan shall be communicated to eam	
On site	10/05/18	Mod. 3	Site Operations		9	If any of necessary conditions (internet, fuel, electricity,) to enable aircraft maintenance and operation in safe conditions is not in place, then mission may be delayed and customer shall be warned of delay, and may cause disappointment to customer	Open	1	3	s	t. To contract the necessary conditions with some antecipation 2. To have some conditions backup to prevent nny	1. GP and Site Manager 2. GP and Site Manager
Recursos Humanos	10/05/18	Team training	Management	**	10	If the then the deployment of the also delayed that may call constrainments in mission operation	Open	3 2	2 6		i. If necessary, negotiate with Elbit to extend the eam for the next deployment	1. LR
Recursos Humanos	10/05/18	MOD. 4	Management		11	If any member of the team have any Issue (disease, etc) and have no conditions to still work for a while	Open	2 8	3 6	.	I. Negotiate with Elbit to replace the CEIIA team member for the next deployment, if the absence will be short 2. If the absence will be for a long period, CEIIA needs to recruit someone else to guarantee the mission	
Mission	13/11/18	MOD. 5			12	if the availability of Module 5 is delayed then the mission is also delayed	Open	1 3	3 3			



	CLASSIFICAÇÃO DE PROBABI	LIDADE/ PROBABILITY CLASSIFICATION		
	PT	EN		
1	Baixo (< 20%): Pouco provável de ocorrer	Low (< 20%) - Unlikely to occur		
2	Médio-Baixo (20 - 50%): Baixa probabilidade de ocorrer	Medium Low (20 - 50%) - Low probability of occurring		
3	Médio-Alto (50 - 80%): Grande probabilidade de ocorrer	Medium High (50 - 80%) - Large probability of occurring		
4	Alto (> 80%): Muito provável de ocorrer	High (> 80%) - Very likely to occur		

	CLASSIFICAÇÃO DE SEVERIDAI	DE/ SEVERITY CLASSIFICATION		
	PT	EN		
1	PLANEAMENTO - Sem impacte ou impacte insignificante (tarefas adicionais requeridas mas mantendo o plano original) CUSTO - Sem impacte ou aumento de custo insignificante TÉCNICO – Sem impacte ou impacte insignificante: sem alteração do âmbito e mantendo as soluções definidas	PLAN — No impact or no significant impact (additional tasks required, keeping original schedule) COST — No impact or cost increased no significant TECHNICAL - No impact or very low impact: no scope change and keeping same solutions		
2	PLANEAMENTO - Impacte na entrega de milestones, mas sem impacte critico no plano inicial CUSTO - Impacte significativo no custo de projecto (5-10%) TÉCNICO - Impacte significativo: Efeitos menores sobre o projecto, âmbito, requisitos de conformidade ou funcionalidades; Há uma alternativa	PLAN – Important milestones delayed, but no impact on critical path COST – Significant impact in project cost (5-10%) TECHNICAL - Significant impact: Minor project effects, requirements or functionalities compliance; There is an alternative		
3	PLANEAMENTO - Impacte severo nos prazos; necessário re- planeamento do projecto com aprovação do cliente CUSTO - Impacte severo no custo de projecto (10-20%) TÉCNICO – Impacte severo: Efeitos significativos sobre o projecto, âmbito, requisitos de conformidade ou funcionalidades; Possível impacte no resultado final	PLAN – Impact on critical path; Recovery plan agreed with costumer COST – Critical impact in project cost (10-20%) TECHNICAL – Critical impact: May significantly affect the project, requirements or functionalities compliance; Possible impact in the final result		



PLANEAMENTO - Não cumprimento de importantes milestone de projecto (Releases de engenharia, CDR, validação de protótipo, 1ºvôo, TC, EIS); Nenhum plano de recuperação do planeamento disponível

CUSTO - Aumento de custo do projecto (superior a 20%)
TÉCNICO – Impacte grave no resultado final do projecto: não garantia
do âmbito, requisitos de conformidade ou funcionalidades; afecta a
qualificação/ certificação/ homologação do projecto

PLAN – Non compliance with major Program Milestone (engineering releases, CDR, validation prototype, 1st Flight, TC, EIS); No recovery plan available COST – Increase in project cost (10-20%) TECHNICAL – Serious impact in the project final result: Severely affects the project, requirements or functionalities compliance; No

project qualification/ certification/ homologation

		Risk Index							
	F	Probability x Severity							
4	4	8	12	16					
3	3	6	9	12					
2	2	4	6	8					
1	1	2	3	4					
	1	2	3	4					

4

7. Up to date configuration of the RPAS

Still waiting for each end the End User Form for the



