



Feb 2025

ORBITAL CRITICAL SYSTEMS

CAF

1861 - 2023 FROM RAILWAY TO MOBILITY

More than a century of evolution
with a clear commitment to:

/ TECHNOLOGICAL DEVELOPMENT

/ GEOGRAPHICAL DIVERSIFICATION

**/ DEVELOPMENT OF THE BUSINESS
MODEL WITH THE AIM OF BEING A
GLOBAL PLAYER IN MOBILITY**

/ GREATER ADDED VALUE



AT YEAR-END, WE CONFIRM THAT THESE TARGETS HAVE BEEN MET

ORDER INTAKE

€4,775m
-23%

vs FY22

BACKLOG

€14,200m
+7%

vs 31/12/2022

REVENUE

€3,825m
+21%

vs FY22

EBIT

€179m
+29%

vs FY22

EBIT Mg

4.7%
+0.3p.p.

vs FY22

EPS/DPS¹

€2.6/€1.11

Cash flow

€55m

NFD

€256m

NFD/EBITDA

0.9x

SUSTAINABILITY

Rating and emission reduction targets met

Acceleration of order intake in the final part of the year, surpassing the annual target.

Btb=1.2.

Backlog in excess of €14bn

Double-digit revenue growth in both segments

Significant EBIT growth and improved operating profitability

Positive cash flow and a strengthened balance sheet

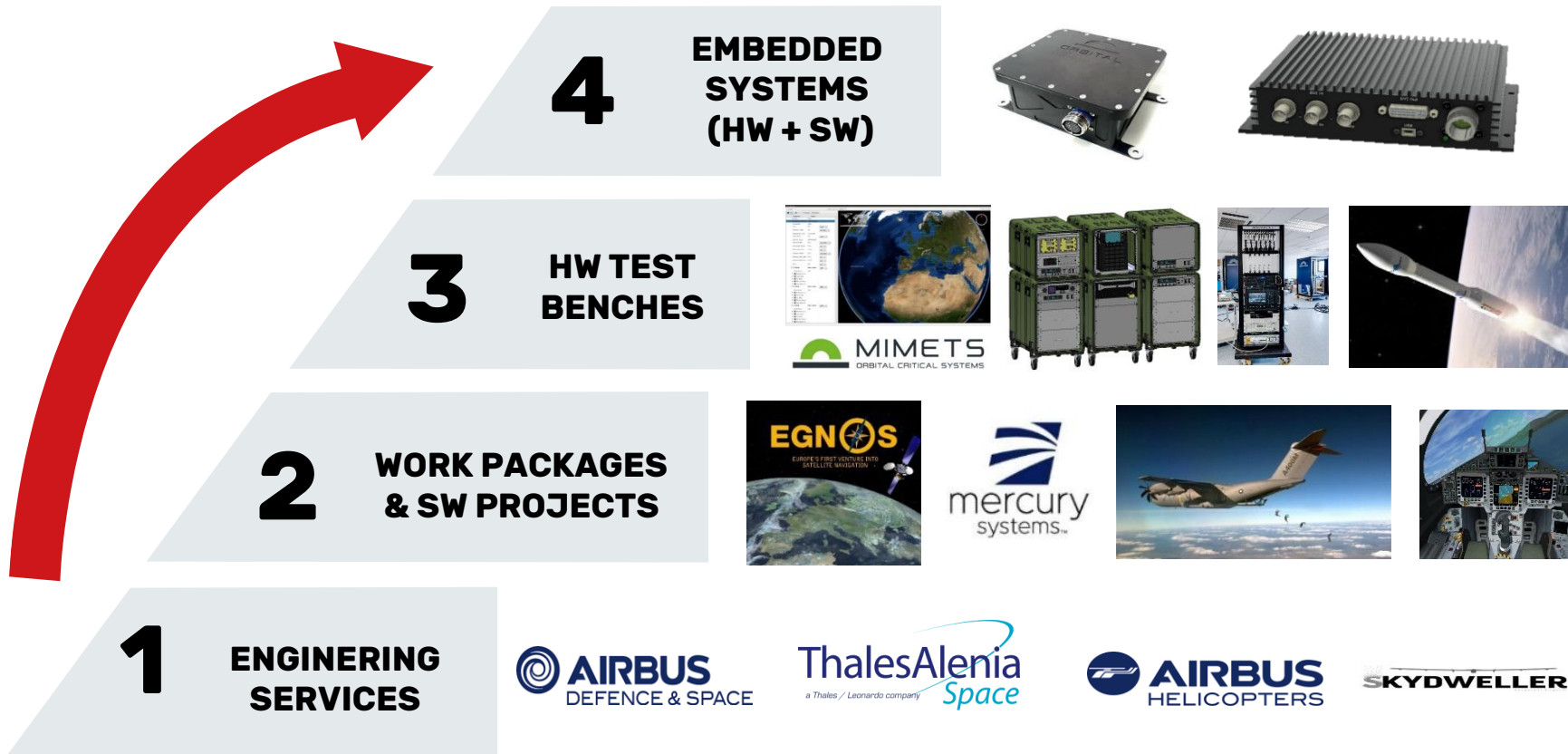
Increased shareholder remuneration in line with the results²

Sustainability targets reached



- / **Innovative company** founded in 2008
- / Part of the **CAF group** since 2018
- / Headquarters in **Madrid, Pamplona and Germany**
- / Over **140 specialized engineers**
- / Expertise in **Hardware and Software for Critical Systems**
 - / Aereo DAL
 - / Space ECCS
 - / Rail SIL
- / Know how in the whole **life-cycle** of the product
- / **Tier 1 of Airbus D&S** in embedded systems





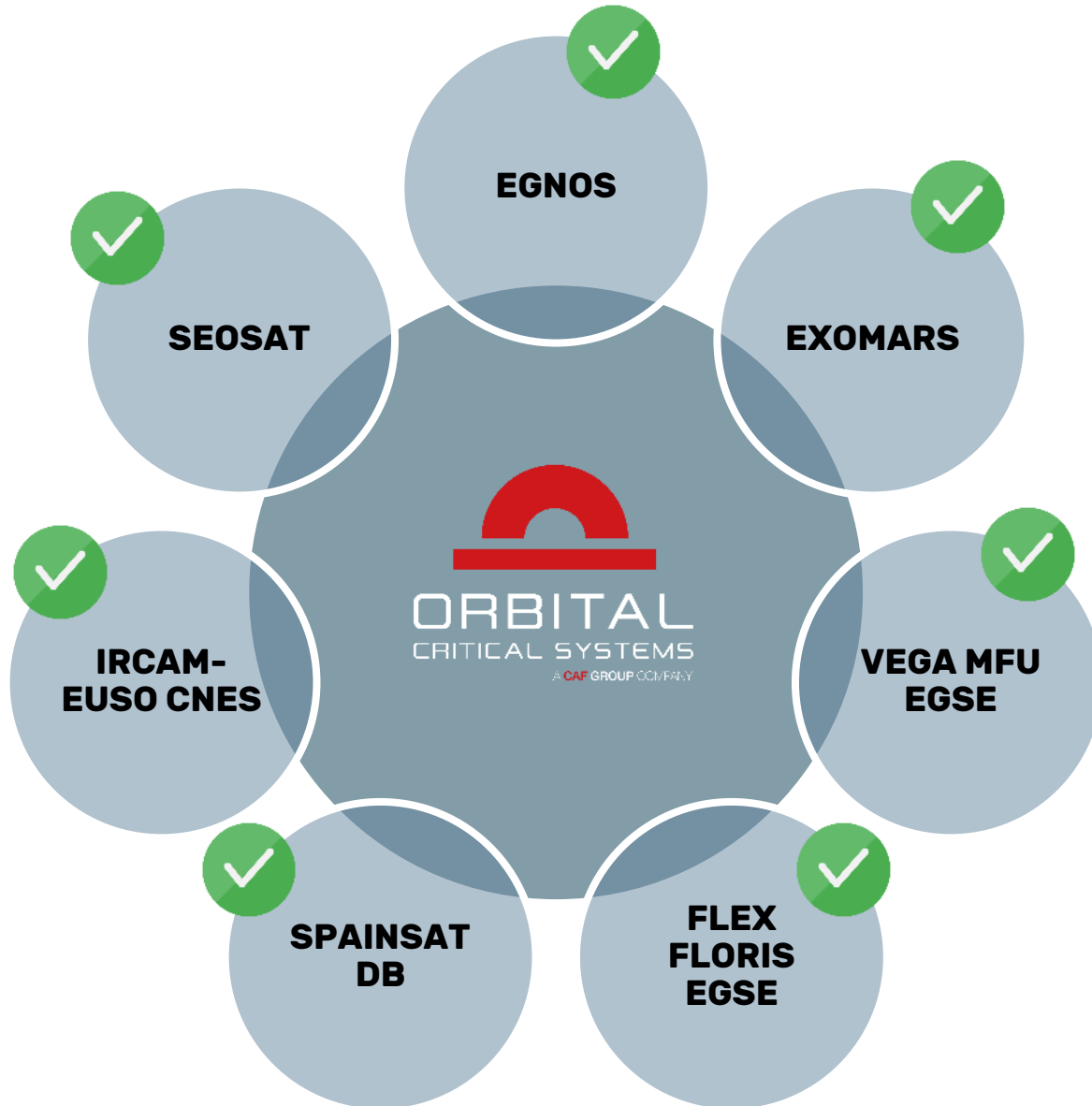
Actually, Orbital is **Tier 1** of critical embedded systems for **Airbus D&S**

- SMU (DALB)
- VC (DAL E)
- SIRTAP GCS (DAL D)

The **Test Benches** activities allowed the creation and maintenance of a **HW Department** as a complement to the SW capabilities of the company

As a natural evolution of the Consultancy model, Orbital also has the capability to assume **work packages and SW projects**, increasing the **responsibility** level with the customer

For more than 15 years, Orbital has contributed with engineers to the **SW development, IV&V and Certification** teams in the main **Airbus D&S projects** (A400M, MRTT, C295, Eurofighter, etc)



/ Orbital currently participates in some relevant Space Programmes

/ Orbital has developed specific capabilities in the area of test, validation and verification

/ Areas of participation:

- OnBoard Equipment
- Critical SW Development & Certification - Level 2
- BSPs & Drivers
- Control Electronics
- Integration, Verification and Validation
- Own Technology for Test Benches (HW & SW)



VEGA

Modular multi-platform based on project requirements, highly customisable and adaptable



/ PRODUCTION
10.000
Boards in 2021

/ DEPLOYED
VEHICLES
1.000

/ SYSTEMS
DEPLOYED
3.000



Processor dual-core **ARM72**

Technologies 5g, TSN and GNSS

Certified **SIL -4**

30 Years **Supportability**

Demanding requirements
(temperature, emc, shock, etc.)

Synergies in military ground and aeronautical vehicles

VEGASKY

Modular scalable concept adapted to AeroSpace Environment



/ CERTIFIABLE
UP TO DAL-A

/ MANNED &
UNMANNED

/ FROM
1,3Kg - 15Kg

/ BASED ON VEGA PLATFORM

/ ECONOMY OF SCALE - PRICE COMPETITIVE

/ ITAR FREE (EU Solution)

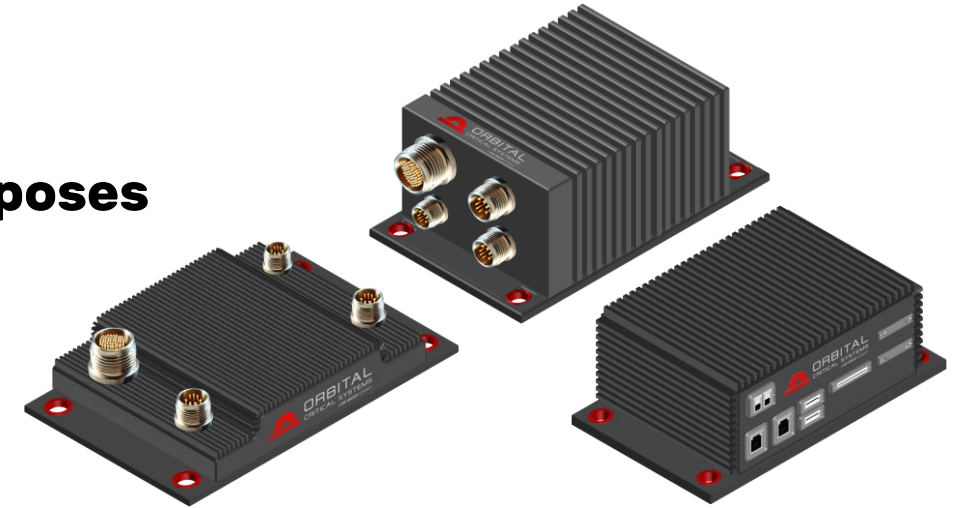
/ LONG TERM SUPPORTABILITY


/ COMPLETE SYSTEM (HW, SWE, RTOS)

/ READY FOR FMS, PAYLOAD CONTROL, ...

Main Features

- / Different products **adapted to different missions and purposes**
- / **Customizable** interfaces
- / Layerscape **ARM-based** architectures
- / **Certiability** Option
- / Low power consumption, weight and size



Product		Application	CPU	GPU	Main Features	Customizable Processor	Customizable Interface
	VEGASKY LITE	HAPS, MAPS, UAV	Mono-Core	No	Low SWaP-C	No	Yes
	VEGASKY NEO	General Applications Medium-Size Avionics	Multi-Core	On-Demand	Flexibility	Yes	Yes
	VEGASKY DUO	Safety and Intensive Processing	Multi-Core	Yes	Double Purpose	On-Demand	Yes
	VEGASKY ULTIMATE	Most-Demanding Applications	Multi-Core	On-Demand	Highest-End	Yes	Yes
	VEGASKAI IA	Video Processing with AI Algorithms	Multi-Core	Yes	Intensive Video Processing	No	Yes

TRUST IN MOTION

**WHEN YOU TRAVEL IN GOOD COMPANY,
THE JOURNEY IS ALWAYS BETTER.**

TRUST is demonstrated by customers' confidence in CAF as a reliable partner to respond to their urban and interurban mobility challenges. Our firm commitment to continuous innovation keeps us IN MOTION, constantly improving and moving forward, contributing to our planet's sustainability and quality of life for all.