

Launchers
 Orbital systems
 Satellites
 Ground segments
 Balloons
 Transversal competencies



Pyroalliance, subsidiary of ArianeGroup, develops and manufactures a broad range of mechanical and energetic solutions for defence, space and industrial markets where safety, performance and reliability are key.

Our energetic systems typically cover the following functions: motor and rocket ignition, transmission, stage separation, flight termination, mechanical actuation...

COMPETENCIES & CAPABILITIES

Pyroalliance has 50 years' experience in designing, developing, producing and marketing mechanical and energetic solutions for missiles, launchers, satellites and interplanetary probes.

Our high added-value systems, our know-how and our expertise have made Pyroalliance one of the selected suppliers of the major prime contractors and space agencies (Airbus Defense and Space, ArianeGroup, Arianespace, AVIO, CNES, Dassault Aviation, ELV, ESA, MBDA, Space Systems Loral, Thales Alenia Space...).

Pyroalliance quality and environment management systems are ISO 9001/14001 and EN 9100 certified.



PYROALLIANCE

PRODUCTS & SERVICES

Pyroalliance supplies products which are qualified to the highest space sector standards and which are not subject to ITAR regulations (International Traffic in Arms Regulations). Our products for space applications include: igniters/gas generators, shockwave initiators, arm and distribution boxes, detonating transmission lines, separation rings and sectors, flight termination charges, low-shock release mechanisms, cutters, thrusters.

Based on technological bricks already tested and qualified on different applications, Pyroalliance has the engineering capability to design a complete pyrotechnic chain and offer an end-to-end solution combining in house and procured equipment that will fulfil the functional need expressed by the customer.

Pyroalliance will act as a one-stop-shop, managing all interfaces within the considered chain.

The production skill sets of Pyroalliance rely on a high level of qualification of operators and technicians thanks to several years of on-the-job training, particularly in the case of assembly skills.

MAJOR SPACE PROJECTS & REFERENCES

Pyroalliance has made, and continues to make, a significant contribution to Europe's ARIANE and VEGA launcher programs.

Pyroalliance has contributed to the success of the GLOBALSTAR 1 & 2, O3b (Other 3 Billion), DMC3 and more recently on mega-constellations by ensuring hold down and release of satellites from the dispensers.

Pyroalliance also has a 100% track record in supplying systems necessary for in-orbit deployment of solar panels and screens, antenna reflectors and masts on multiple satellite platforms such as: Amazonas, Amos & Opsat 3000, Cassini / Huygens, Eurostar, ESA CUST and Spacebus.

POINT OF CONTACT

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TURNOVER: 38 Millions € in 2019

WORK FORCE: 220 collaborators

SPACE TURNOVER: undisclosed

SPACE WORK FORCE undisclosed