

SDMS technologies



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Website :
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Total employees : 220

Turnover : 28 M€

Certifications :

- ISO 9001 V 2008
- PED 97/23/CE-D1/H/H1
- EDF UTO
- ISO 3834-2
- CEFRI E

French medium sized industrial company, leader in the fields of Nuclear, Vacuum & UHV, Cryogenics and Mechatronics, SDMS technologies offers two main areas of expertise to its customers :

- **Implementation of Advanced Technologies** : assembly of noble metals* with complex welded junctions in clean room environment.
- **Transverse and Intercultural Project Management** : design, fabrication, assembly, testing and integration on site, industrial turnkey operator. Comprehensive offer for robotics and innovation projects.

2 sites in France : St Romans (38) and Manosque (04) 15 km from Cadarache, with contracts for Energy, Research, Space & Defence, makes SDMS technologies a key supplier for customers such as :

- **Applied and Fundamental Research Centers** : CEA, CERN, CNES, CNRS, ESA, ESO, ESRF, GANIL, ILL, KIT, ONERA, PSI, RC REZ, SCK•CEN, SOLEIL, US LABS...
- **Industrial Corporations** : AIR LIQUIDE, ALSTOM, AREVA, CNIM, COMEX, EADS, EDF, GENERAL ELECTRIC, KOBE STEEL, SAGEM, SUEZ, THALES, WESTINGHOUSE...

**(stainless steel, Aluminum, Copper, Nickel, Niobium, Titanium, Hafnium, Zirconium, Tantalum, Tungsten, Molybdenum and their respective alloys)*

SDMS technologies is able to manage complex projects over the following product categories :

- **Industrial Processes** : containers, tanks, heat exchangers, evaporators, diffusers, collectors, filters, inductors, pumps, ovens, remote controlled equipment, robotics...
- **Nuclear Containment** : radioactive material containers, fresh and spent nuclear fuel packagings, gloves boxes, shielded cells, road tankers for radioactive effluents...
- **Reactor Environment** : reactor pressure vessels and internal parts, primary circuit piping, beam tubes, fuel and cluster guide components, bars and control mechanisms, neutron reflectors, cavity seal rings...
- **UHV Equipments** : vacuum vessels, space simulation chambers, collimators, absorbers...
- **Cryogenic Devices** : cryostats, cryotanks, Dewars, cryopumps, cryomodules, valve boxes, siphons and transfer lines, HTS current leads, cold neutron sources, thermal shields and shrouds,...
- **HF Power Components** : NC and SC accelerating cavities, resonators, couplers, tuners, wave guides, plasma heating antennas, RF source components...
- **Instrumentation for Physics** : irradiation and instrumentation devices, plasma diagnostics, radiation and particles detectors, spallation targets, automated assemblies, optomechanics, automation data processing.

SDMS la chaudronnerie blanche*



SDMS provence



SDMS
technologies

Rhône Provence Nucléaire
Network