

Elenco operatori Supply Chain 4.0 updated 5 aprile 2018

ID	Company	Nazione	Website	Activity description	Turnover mnh €	No. Of employees	Topics of interest	PRODUCTS/PROCESSES needed TO IMPROVE	PRODUCTS/PROCESSES/SERVICES requested	REQUIREMENTS	OTHER
1	NASCO	TUNISIA	www.nasco-tunisie.com	The company offers a product and quality service in all areas of the metal frame regardless of the complexity of the items requested and this affects near or far the expectations of different level of clientele including: individual, society, organization, institution, etc. Metallic carpentry, installation of telecom infrastructures	1,3	40	Production control, characterization of materials, surfaces and components, dimensional measurement, robots for assembling, manufacturing and process control for welding; sensors; mechanical and dimensional testing; robotics; laser cutting; cold pressing; metal cutting; undercutting; ironworks; mechano-welding; precision mechanics; surface treatments; machining	Machines and systems for metal products	Components and automation for machinery; galvanizing, cutting, bending, varnishing, sand blasting	only ISO certified machines	
2	ARBATAX	TUNISIA		Cutting and couplings	1,5	70	Mechatronic components; production control; machine tools and special tools; robots for assembling, manufacturing and process control; process control systems; quality control systems; mechanical and dimensional testing; machine tools for special materials machining; dimensional measurement; robotics; laser for cutting; energy efficient lighting/smart lighting systems; energy efficient supply technology (refrigeration, ventilation, compressed air supply, heat pumps); energy-saving technologies; solutions for energy saving efficient production processes and production plants, smart efficiency; machining; machines and automatic systems for cutting and assembly of different materials	semi-automatic cutting machines and sewing machines	Automated production technologies	We need to automate activities currently hand made	
3	ATUPAL	TUNISIA	www.atupal.net	production of CNC machines, moulds for plastics and aluminium (injection moulding, aluminium foundry)	1	70	CAM, mechatronic components, production control, laser, optical, optomechanics and optoelectronics; machine tools and special tools; sensors; CAD-CAE; additive manufacturing; rapid prototyping; process control systems; quality control systems; mechanical and dimensional testing; electric and electronic testing; mechanical and dimensional measurement; numerical control; machine tools for special materials machining; dimensional measurement; robotics; special tools; laser and optical components; automatic identification; marking; laser and systems; tools and equipment for diagnostics and measurement; cold pressing; metal cutting; stamping; forming; foundry; precision mechanics; surface treatments	surface treatments, components for machinery; components and accessories to widen final use of the machinery produced	components for machinery; components and accessories to widen final use of the machinery produced	The machines produced are very flexible and can be adapted to different workings. Looking for high-quality surface treatments for buttons and zip; chemical components for aluminium foundry	
4	CETIME	TUNISIA	www.cetime.ind.tn	Technical Centre of Mechanical and Electrical Industries – organization supporting industries (under the Ministry of Industry)	1.4	127	CAD-CAE, additive manufacturing, FMEA, PLM, rapid prototyping, immersive virtual reality, reverse engineering, electronic and printed circuit boards; simulation with finite element limit analysis (FEM-FEA); electronic and electromagnetic simulation; Fluid Dynamic Simulation (CFD); multiphysics simulation; virtual testing; testing, measurements, quality controls, maintenance; data acquisition, acoustics, stress, vibration; test benches; certification safety and type approvals; process control systems; quality control systems; maintenance; sensors; instruments calibration; mechanical and dimensional testing; electric and electronic testing; virtual testing; characterization of materials, metrology, CAD/CAM, dimensional measurements; energy-efficient lighting; smart lighting systems; solutions for energy efficient production; consultancy service for energy efficient production; energy management services; mechano-welding	update labs HVAC systems	tools and instruments for the monitoring of technology resources and for research - prototyping, Industry 4.0; solar	the products / tools / instruments must comply to international regulations	the centre is installing 2 new labs in Tunis and one in Sousse
5	AEROSUD AVIATION	SOUTH AFRICA	www.aerosud.co.za	Leader in the South African aviation industry, and a recognised and respected brand in the very competitive international market place	55	600	Automation, robotics, manufacturing controls, artificial vision, simulation, additive manufacturing	Machining stations for composite components, therefore robotic controls, cutting bits for composite materials, sensors,	Rotational molding of thermoplastic material, heated tooling (Rotational molding), automated tape-laying of thermosetting pre-preg material. NDT of composite (thermography etc)	Aircraft OEM quality materials and processes if at all possible i.e. Airbus and Boeing	
6	BALLUFF AUTOMATION	ITALIA/GERMANIA	www.balluff.it	Balluff offers you a high quality product range of substantial breadth: sensors and systems for linear displacement measurement, identification, object detection and fluid measurement, including network and connection technology and extensive accessories.				Technology scouting for new suppliers			