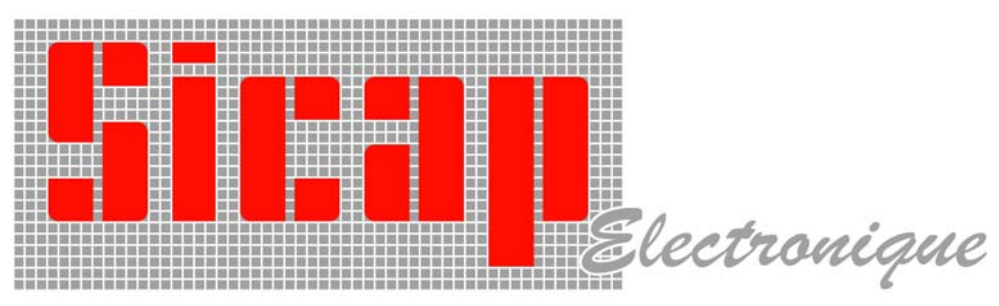




Another way of subcontract

SICAP Electronique, solution for your research and design, production and purchasing issues, will allow you to concentrate on your products of today and imagine the ones of tomorrow.



Presentation of the company

- Company name: SICAP Electronique
- Date of establishment: 1982
- Capital: 400 000 Euros
- Workforce: 80 Persons
 - 64 in production
 - 6 in methods
 - 3 in purchasing
 - 3 in administration
 - 1 production manager
 - 1 tests manager
 - 1 quality manager
 - 1 sales manager
- Premises of 3 500 m²



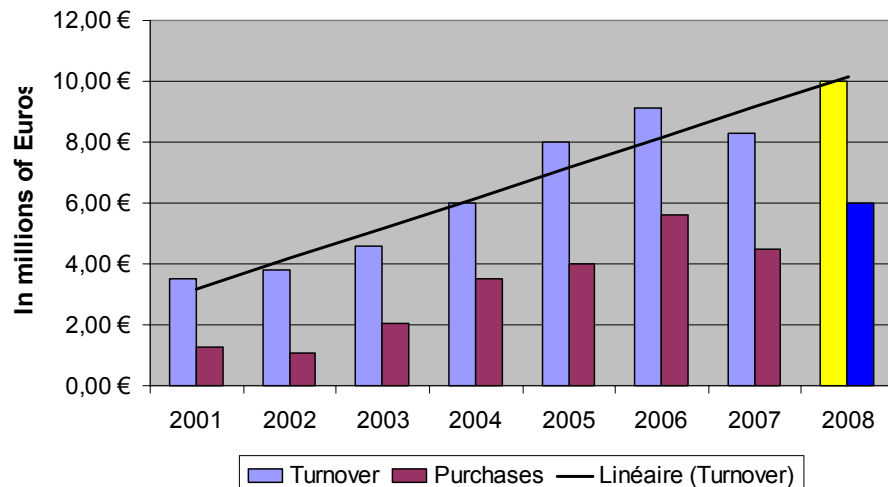
Sicap-Electronique ZA de la Lande 50290 Coudeville sur mer

Tel: +33 (0)2 33 90 86 97 Fax: +33 (0)2 33 90 78 62 www.sicap-electronique.com

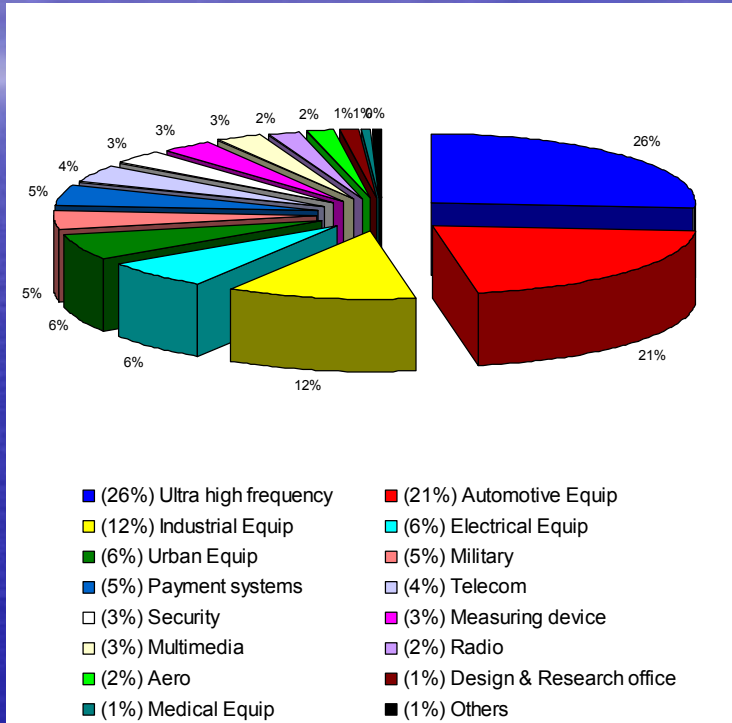


Presentation of the company

TURNOVER GROWTH



Turnover



Customers'activities

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Quality Certificats



ISO 9001 : 2000



EN 9100 : 2003



RoHS Level 3

A global offer with

www.fesys.fr

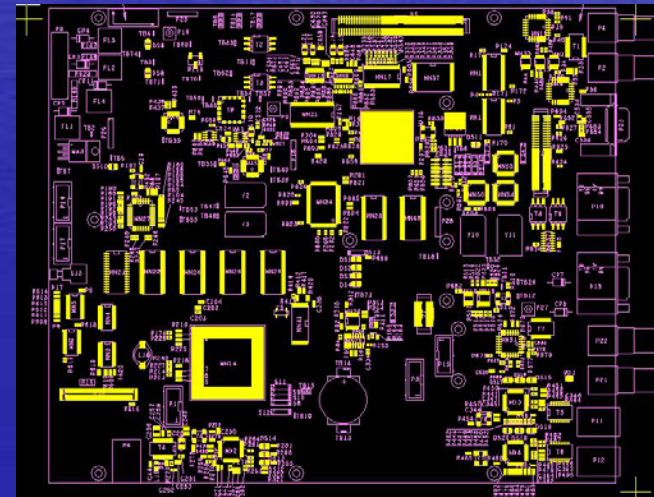


Engineering and development in Electronic and Industrial data processing.

Analysis and project management, Research and Innovation, Electronic and software studies, writing of the preliminary specification, Industrialisation, System validation, EMC certification and test, Production follow up.

Competences areas:

- Engineering of industrial systems.
- Graphical user interface and industrial application.
- Embedded software / Real time.
- Analogical and Numerical electronic.
- Computer-aided design (routing electronic board).
- Process management.
- Writing of the subcontractor document.



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Industrialization

Industrialization of global
Products

Supervision of the research
and manufacture of fine sheet
metal for electronics



Methods Department

- Computer-aided production management system (Cegid PMI)
- Management in real time by bar codes of component stocks and production times
- Computerized tracability of manufacturing orders
- 100% of CAD files reading with « Test Expert » (FABMASTER)
- Creation of the production files for your products



Supply management

- 1000 products
- 10000 component references
- Computer-aided production management (FIFO system)
- Bar codes for all references
- Two antistatic rotary stock units



RoHS Process monitored



Qlté	Désignation	Code Article	Mise en Fab.	Délai Priv	Délai Ddt	Ticket
2989	CARTE REPARTITEUR	62413962	25/2008	28/2008	08/07/08	1/3
140	N° Cde	Code Client	Réf. Cde Cst	Date Cde		
409987	010 000	100312		22/05/08		
C. Comp.	Libellé	Date	Visa	Observations	Duplicate	
214100	MAGASIN	/ /			409987 010 CARTE REPARTITEUR TELEPHONE	
214200	PREPARATIO	/ /				
214300	CMS	/ /				
214850	CONTROLE A	/ /				
214400	CABLAGE IN	/ /				
214600	CONTROLE F	/ /				
214750	PHASE RETO	/ /				
214760	BON ROUGE	/ /				
214800	EXPEDITION	/ /				

White identification ticket = Lead process



Qlté	Désignation	Code Article	Mise en Fab.	Délai Priv	Délai Ddt	Ticket
100	CARTE COUPLEUR	62412883	28/2008	29/2008	16/07/08	1/3
140	N° Cde	Code Client	Réf. Cde Cst	Date Cde		
409438	100 002	100215		23/01/08		
C. Comp.	Libellé	Date	Visa	Observations	Duplicate	
214100	MAGASIN	/ /			409438 100 CARTE COUPLEUR	
214200	PREPARATIO	/ /				
214300	CMS	/ /				
214400	CABLAGE IN	/ /				
214500	TEST	/ /				
214750	PHASE RETO	/ /				
214540	DEPANNAGE	/ /				
214760	BON ROUGE	/ /				

Green identification ticket = RoHS process

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Traditional wiring



- 1 complete line with RoHS welding wave
- 1 complete line with lead process wave
- 6 Royonic machines to assist manual wiring
- 1 equipment for Press-fit connectors
- 1 automatic machine to denude
- Several other tools of precision



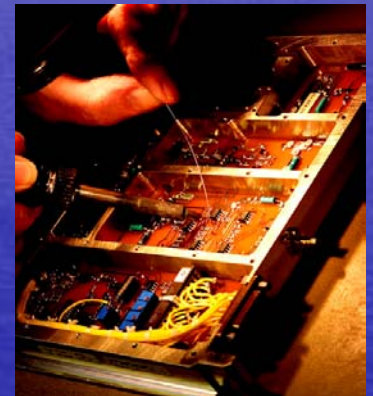
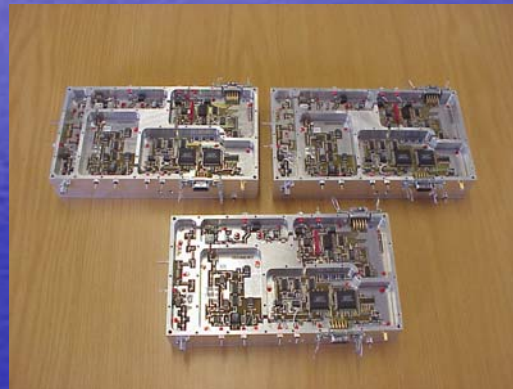
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Ultra high frequency

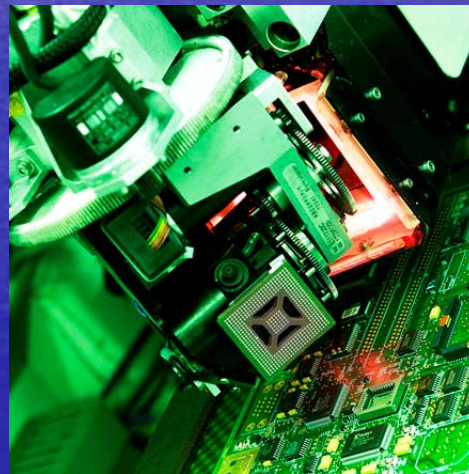
Large competences in Ultra high frequency



SMT circuit board wiring

1 SMT line for sample and polymerization

SMT pick and place of high technical nature



R,C,D 0402
 0603
 0805

IC pitch of 0.3

BGA and μ BGA pitch
of 0.5

Our experience and competences at your disposal

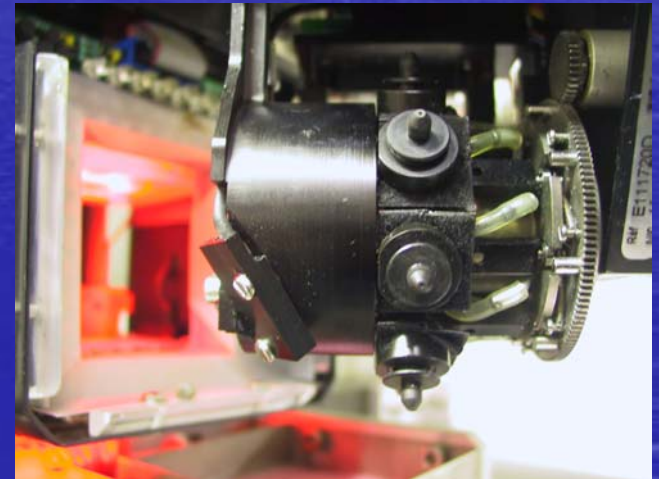
SMT circuit board wiring

Two complete SMT lines
100 000 components/hour

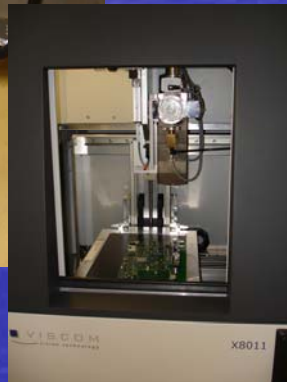


Air-conditioned SMT premises

- 3D inspection for serigraphy
- 5 pick and place machines
- Under nitrogen reflow oven
- Vapor phase in line



Inspection

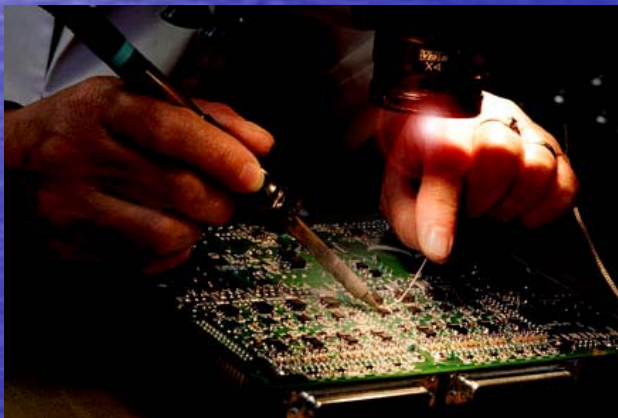


X-Ray Inspection

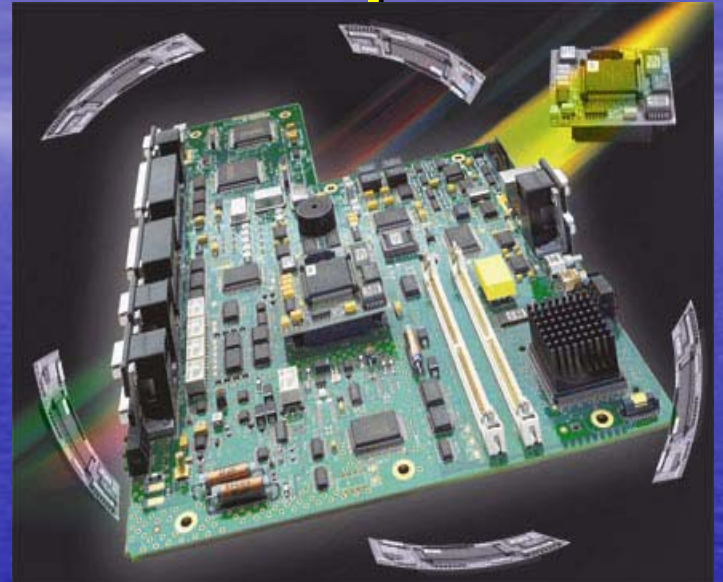
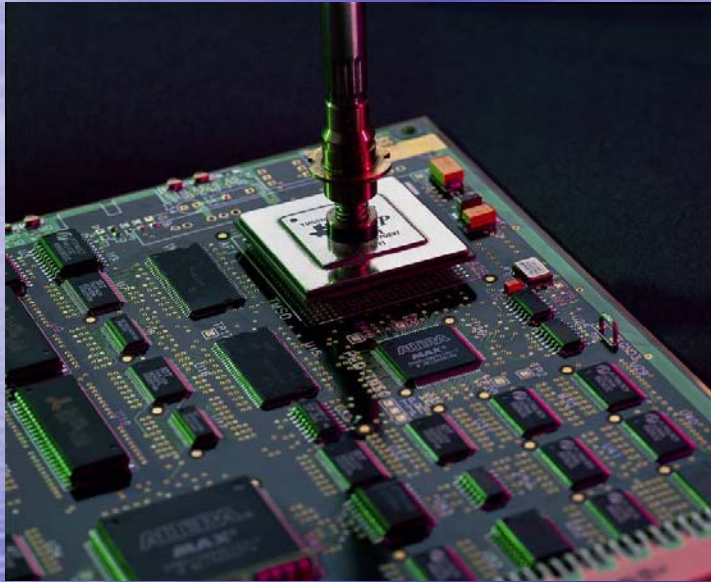


Automatic Optical Inspection
In line or in islet

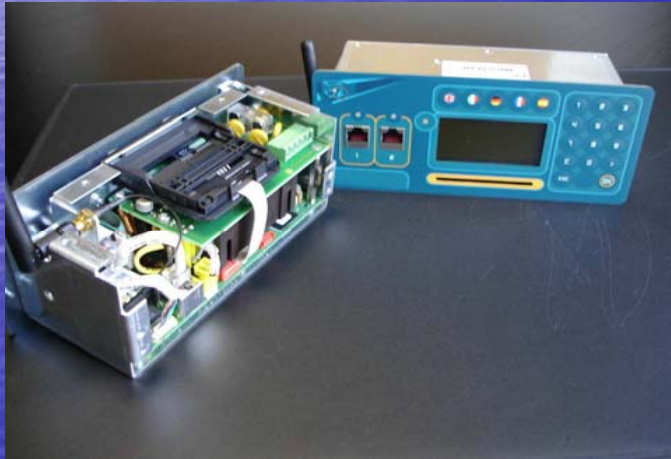
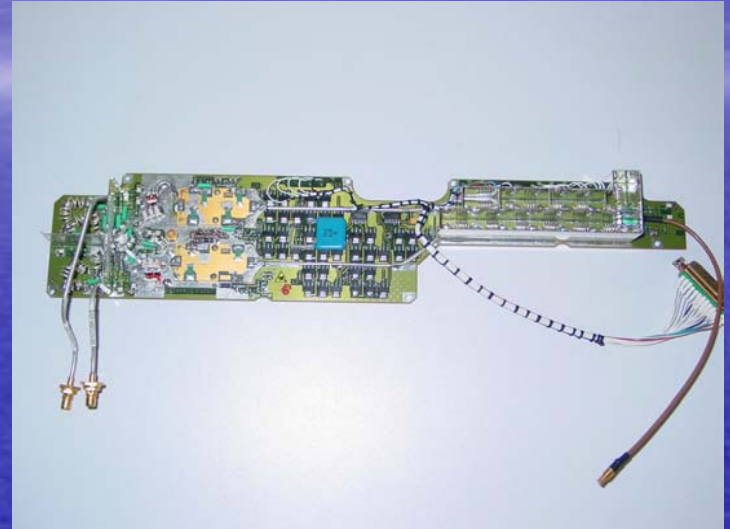
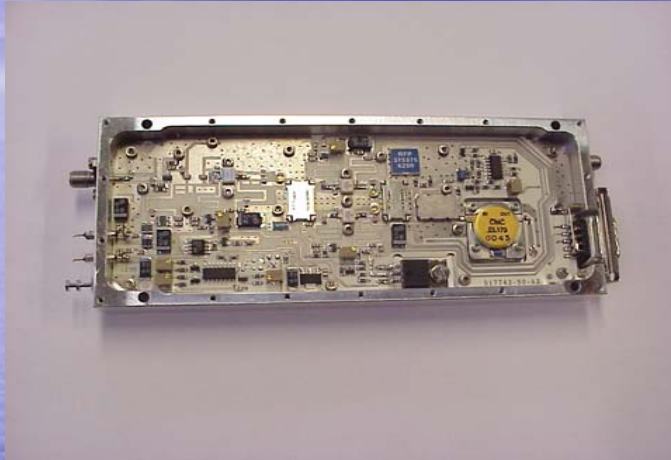
Control and Repair



Electronic Boards examples



Products examples



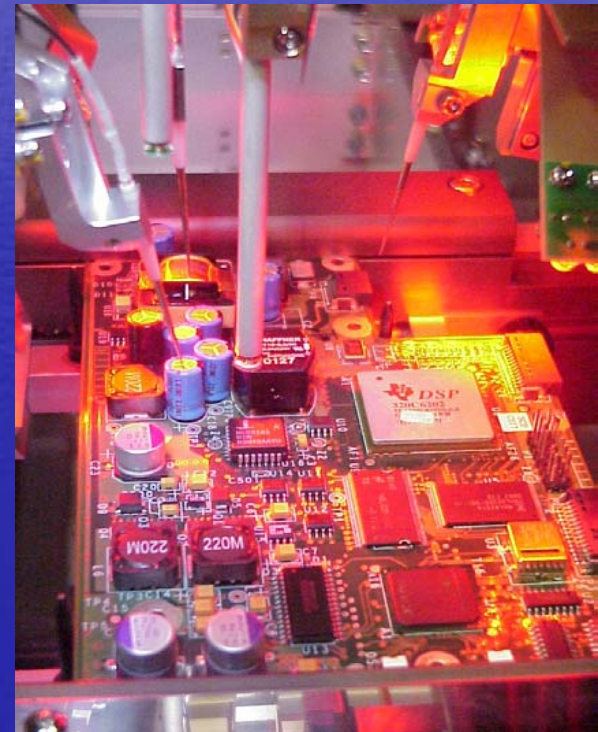
Test

FUNCTIONAL TEST



Test

FLYING PROBE TEST (TAKAYA tester)



Test

IN-SITU TEST (RHODE ET SCHWARTZ Tester)



Integration of electronic sets and subsets

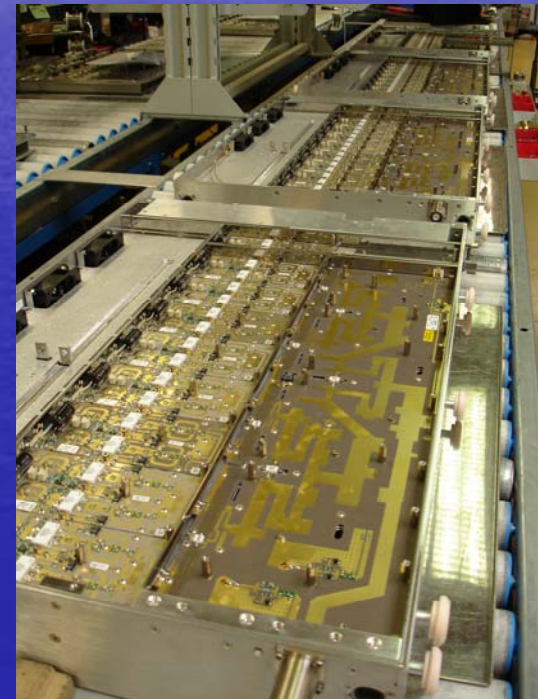
6 integration lines



Integration of electronic sets and subsets



Integration of electronic sets and subsets



Integration of electronic sets and subsets



Integration of electronic sets and subsets

- Lines for heavy material



Our geographical situation

COUDEVILLE SUR MER



Harbour
of
Granville

