



Thematic Network on Silicon on Insulator Technology, Devices and Circuits.  
[IST-1-506653-CA]

## EUROSIO "Who is Who" Guide

<b>Name of the organisation</b>	
Organization Legal name:	<b>CISSOID S.A.</b>
Organization short name:	<b>CISSOID</b>
Internet homepage:	<b><a href="http://www.cissoid.com">http://www.cissoid.com</a></b>

<b>Contact person</b>			
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### **Other Senior Researchers:** (up to 10 names, please include e-mail address)

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### **Experience and expertise fields:** (50 words)

CISSOID is a Fabless company focusing on SOI and offering:

- IC design services for high-temperature and low-power applications
- High-temperature standard products (above 200°C)
- Low-power and RF IP's

To maintain its leadership in SOI analog circuit design, CISSOID is strongly investing in R&D through European research projects. CISSOID is a spin-off company from UCL.

### **Facilities and Equipment:**

CISSOID is a design center and a fabless company focusing on IC Design. Other activities (IC fabrication, packaging and test) are subcontracted. The tools/equipments used by CISSOID are:

- IC Design tools necessary to provide GDS2 files to the foundry subcontractor: Circuit simulation (ELDO, ...), Layout (DRC, LVS, ...) on PC workstations
- Electrical measurements equipments and proprietary set-ups for analogue and high-temperature characterization of IC prototypes.
- For RF and On-wafer measurements, CISSOID is cooperating with UCL.

### **Three last international research projects:**

**ATHIS** – Advanced Techniques for High-temperature System-on-chip – Growth, FP5  
**T206** – Low-power / RF SOI circuits – MEDEA+  
**4G-Radio** – A Silicon Application platform for radio communications – MEDEA+ A107