

2014

Happy New Year!

ACB

ADVANCED CIRCUIT BOARDS
ATLANTEC CIRCUIT BOARDS

ACB News 01 -2014

www.acb.be

ACB investment to market

ACB is Europe's leading manufacturer of quick-turn and high-reliability prototype and small series PCBs.

As component technology and increasing board speed drives PCB designs to more complex and challenging circuitry, it is necessary for ACB to outperform the trends with thoughtful investments to meet future customer demands.

Recent investments have again totalled in excess of 1M and are entirely driven by the desire to improve capabilities for the future, to improve the repeatability within programs by improved process control and to reduce handling and handling defects. Improved data management and data acquisition from production will enable ACB to understand the requirements of the most complex PCBs and to be in a position to offer world class advice at the design stage where close interaction with customers proves most valuable and real benefits are gained.

Our investment plan for 2014 will again be driven by customer demands, by the complexity of the designs we receive and future trends in technology. Much of the information used for this comes from our close cooperation with our customers and the open sharing of knowledge that is so important for a successful partnership.

Thierry Thomas (CSO) commented "Our customers drive the way we think, invest and behave. ACB is fully customer driven – we have to be the best we can be in order to meet market demands"

ACB leads the field with LED-based Direct Imaging



Typically an early adopter of new and enabling technologies, the company recently took delivery of a top-of-the-range LED-based Direct Imaging (DI) system from Ucamco.

Manufactured by Dainippon Screen, Ledia 5 is the PCB industry's fastest DI system, and the only one capable of processing standard soldermask: unique capabilities that, together with ACB's trust in its suppliers, were key to the company's latest investment decision. Working alongside ACB's existing Laser DI system, Ledia 5 handles all ACB's soldermask processing and provides added capacity for dry film exposure.

With it, ACB is more flexible and has improved its product quality, yields and capabilities while offering shorter lead times for its quick-turn business.

[need more info : Wim perdu testimonial](#)



ACB participates in TERASEL

A new European effort to develop industrial production chain for manufacturing randomly shaped electronic circuits. [\(read more\)](#)



Example of a 2.5D free form rigid electronic circuit (Yas Viceroy Hotel in Abu Dhabi).



COO at Atlantec

Mr Ronan Jeffroy is leading the french factory located in Malville (Fr) . He has been working in the pcb industry for 15 years as an NPi engineer.



SPACE : ASTRIUM

In 2013 ACB obtained the ASTRIUM qualification for high technology embedded PCBs.

Ucamco. Manufactured by Dainippon Screen, Ledia 5 is the PCB industry's fastest DI system, and the only one capable of processing standard solder mask.

... Eyes on the future, feet on the ground ...

ACB France : high frequency excellence center

By Ronan Jeffroy, chief operational officer, ATLANTEC

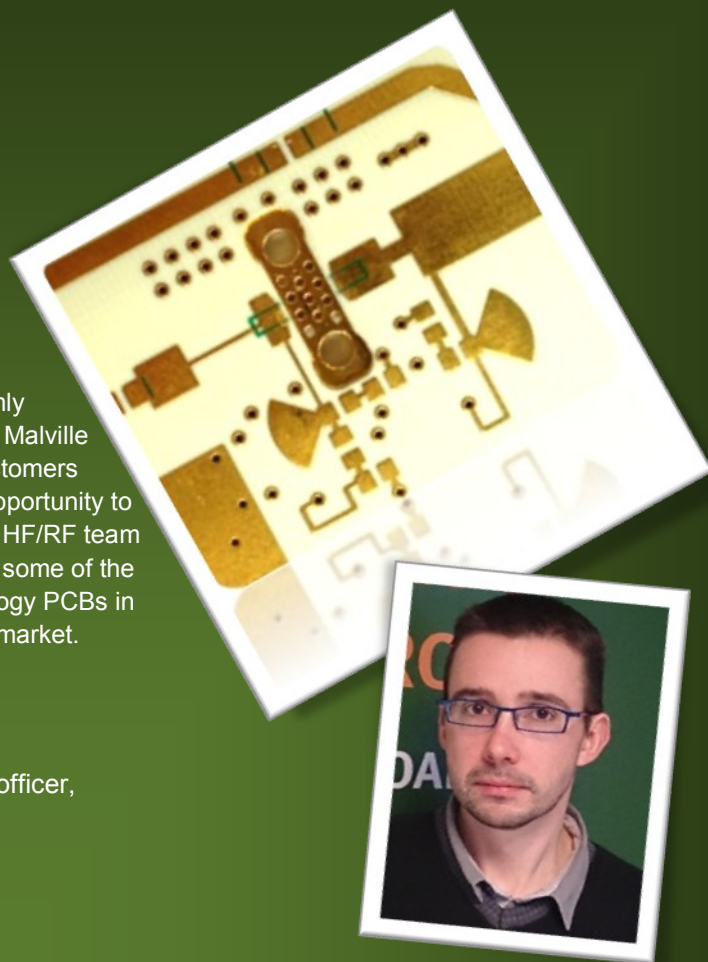
With over 10 years of high level experience the Malville facility is now looking to increase its high frequency business across Europe. The extensive in-house knowledge along with new investments has put the French facility at the heart of this high technology field with dedicated NPI engineers to guide and assist clients at every stage of the project. Our early involvement in designs enables engineers to achieve the best possible results in the shortest lead-time at the most economical cost. A Win – Win scenario!

New chemical treatment plant investments help ensure we not only get the best results from our processes but are protecting the environment as well.

Focusing on a range of upcoming programs in Germany, France, England and Italy ,

ACB is looking firmly to the future for its Malville facility offering customers new and old the opportunity to work with the best HF/RF team in Europe building some of the most High technology PCBs in the high reliability market.

Ronan Jeffroy
chief operational officer,
ATLANTEC



It's back by popular demand – The ACB Technical Seminar!



Last at the Verbeke Foundation in Kemzeke Belgium

Contact : acb@acb.be

Following the unprecedented success of the last technical seminar held at the Verbeke Foundation in Kemzeke (BE) we are well underway to bring another to the market in 2014.

The seminar is an ideal opportunity for engineers, designers and experts from across the customer spectrum to discuss, explore and resolve ideas for future and current builds.

Participants develop a high degree of confidence in the partnerships established with our own engineers and insight into new and existing processes.

The very high level of expertise enables customers and ACB engineers to share ideas and have full and open discussions on a range of technical issues and technologies. Indeed, feedback from the last seminar was extremely positive and demonstrated the value of these events to everybody with the majority of clients requesting another this year. To help ACB plan and prepare for this year's event we would invite customers who have a specific item they would like included to contact ACB through their normal channels to have it included.

We look forward to welcoming many of you to this year's event, details of which will be available soon

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