



## JetCAPS® F. Hoffmann- La Roche Ltd Success Story



## A Solution that Grows For You

When F. Hoffmann-La Roche Ltd needed to add rotated barcodes to their SAP printouts, they ended up getting a lot more than they bargained for. Today they are using the JetCAPS AFE to improve adherence to the corporate image and to make optimal use of the abilities and potential of their investment in HP LaserJet printers.

## The JetCAPS Solution

As is often the case, when F. Hoffmann-La Roche Ltd came to the end of their SAP implementation they discovered that the printing solution provided as part of their new system was far from state of the art. Even when developing the range of forms in SAPScript, they couldn't print their barcodes in the orientation they needed. This is the point that they turned to their local JetCAPS partner, NOW-Consulting AG, for a solution.

NOW proposed a solution using the JetCAPS AFE and the JetCAPS BarSIMM. The AFE provides a printer driver that integrates into the SAP environment, giving immediate access to the full range of standard and enhanced printer and paper-handling functions that are offered by the HP LaserJet printer, features that otherwise have to be added individually and manually by the SAP system administrator. In addition to saving considerable amounts of programming time and effort, AFE can access other solutions from the JetCAPS program, such as the BarSIMM in this case. For Roche, the important feature of the BarSIMM is that it can print barcodes in any direction.

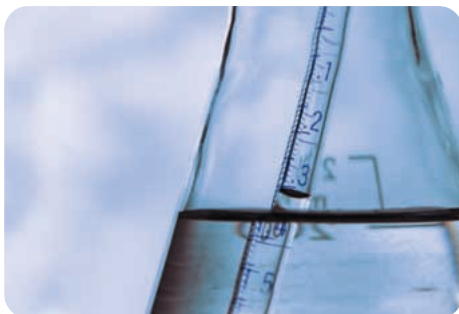
## Teething Troubles

However, it wasn't as easy as it should have been. The main issue that needed to be resolved concerned the fonts that had been used to develop the forms. In compliance with the Roche Corporate Design the forms used the Imago or Minion fonts. However, the forms were developed for PostScript, and the solution that NOW offered requires the programming capabilities of PCL. This is not a problem in itself, but in changing from PostScript to PCL, NOW discovered that there was a fundamental difference between the way that SAP dealt with the fonts in PostScript and in PCL.



Printed on an HP Color LaserJet Printer





Though SAP used the Helvetica font when printing in PostScript, it switched to Univers when PCL was selected. The PostScript Level 1 Helvetica font needed to be turned into a PCL 5 font, to guarantee that the exact character sizes and spacings of the font used to develop the forms would be maintained. Then this font was added to a JetCAPS FlashSIMM in the printers.

It was also necessary to offset the starting point on the page to cope with the different ways that PostScript and PCL deal with this (PostScript starts from the top left hand corner of the paper, PCL starts at the top, left-hand corner of the printable area).

Secondly, to save on installation cost and effort, the FlashSIMM and BarSIMM were combined into a single product by EuroForm and JetCAPS Europe Lab, the JetCAPS partner and solution provider responsible for the two original products.

## Taking Advantage



Although the project was originally intended to solve a barcode printing requirement, it didn't take long for F. Hoffmann-La Roche Ltd to discover that JetCAPS AFE was more than just a quick fix for a simple problem. Roche quickly started taking advantage of printer features like watermarking and the inclusion of logos to increase the value of the printout, and extend the versatility of their printing environment.

The JetCAPS solutions, with AFE and a combined Flash and Barcode SIMM, went into use in December 1998. Today the AFE and the combined Flash/Barcode SIMM is being used by Roche, as further proof of their dedication to innovation and their determination to set high standards of performance for internal, as well as external activities.

For further information please contact your local JetCAPS Partner at <http://www.jetcaps.com/partners.htm>



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