

# Nissan South Africa

## Overview

Nissan are one of the world's foremost vehicle manufacturers with plants located in Japan, UK, Spain, USA, Canada, Australia and South Africa. Vehicles are assembled according to local market requirements for different models and specifications.

## The Environment

Nissan operate an IBM mainframe system running MVS with JES2.

Applications are run on a daily, weekly, monthly and annual schedule to produce the documents needed to manage the manufacturing process. A system had been developed that used a Xerox on-line production laser printer to print the transaction documents and a light-lens copier / duplicator and offset printing equipment to produce client documentation in two languages.

## The Problem

Both the on-line, channel attached printer and the off-line copier/duplicator were towards the end of their useful life. In addition to this, the offset printing department was to be phased out and replaced by a PoD digital printing solution. A system was needed that would allow the existing jobs to continue being produced but at the same time provide a solution that would enable the integration of an in-house PoD printing facility to replace the traditional offset process.

The data produced from the IBM system makes extensive use of Xerox DJDE printer commands. Moving away from this architecture would prove almost impossible with over 500 different document types being created.

## The Solution

Xerox South Africa proposed a consolidated solution to the problem.

- The on-line printer, copier duplicator & offset machines were replaced by a single DT6180.
- Other components were needed to complete the solution so that the 6180 integrated seamlessly into the established production environment. For new customer documents such as handbooks, the Digipath system was used. This allows high quality scanning and imposition of multi-page booklets with extensive graphical content.
- So that IBM report production could continue, Paris software was installed.
- Current resources used on the Xerox printer (forms, fonts, logos etc), were converted using the Paris Converter software. This one-off process allows other Paris modules to interpret the DJDE data coming from the IBM and create a Postscript print file suitable for the Xerox 6180. The result is that the documents printed on the 6180 look exactly as they used to on the old Xerox printer. This is the first phase of the implementation.

## The Benefits

- Now that all the IBM documents are managed in Paris, all future changes can be done in the WYSIWYG design system. Editing, compiling and testing changes are things of the past.
- New applications can be designed with no hardware restrictions. Data for future applications can come from any host system, and printed on any

printer connected to the network, since Paris is a networked solution providing host and printer independence.

- In the future, PDF files can be produced for online viewing. Additional Xerox colour printers will also be introduced to produce the full colour, short run requirements.

## Paris Software

Paris is a 32-bit Windows application suite.

- Design applications in a WYSIWYG session.
- Convert Xerox DJDE applications.
- Print documents to any PostScript or PCL printer attached to the network.
- Utilise a number of advanced design features that allow documents to be dynamically created from unformatted data.

## Who are XLPrint?

XLPrint has been developing software for the electronic document industry since 1986. During that time, XLPrint's customer base has increased to the point where we now have thousands of installations in over 40 countries around the globe.

Every day, XLPrint's software is responsible for the production of millions of pages of electronic documents which are printed, emailed, faxed or stored in document archive systems.

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