

Management Overview of VIPP Support for ROLO/XPFC V3R1

VIPP is pre-loaded as standard on the Xerox Docuprint DPnnnNPS range of lasers.

Support for VIPP has now been built into ROLO/XPFC V3R1 the code changes **do not de-stabilise** the main ROLO/XPFC V3R1 framework, nor will the enhancements impact on any existing (DJDE powered) implementations.

The **same** ROLO/XPFC V3R1 system can support **both** the (existing) DJDE and VIPP regimes.

Documentation will be supplied as a separate "VIPP Supplement for ROLO/XPFC" document for those user installations that required this feature.

The VIPP control language can be conceptually thought of as the Docuprint equivalent of DJDE mode for Xerox high volume printers indeed, there are some similarities.

However the way VIPP processes input line data and it's language syntax have major differences in operation from a Xerox printer running in DJDE mode ROLO/XPFC V3R1 addresses all these requirements **on-the-fly**.

Generation of PCC Control Bytes

In certain circumstances, it is necessary to prefix output lines from the Configurator File with PCC bytes for the VIPP regime. Minor extensions to the Configurator File language have been incorporated into V3R1 which will allow PCC bytes to be inserted automatically without having to code values explicitly this also provides some "insurance" against users/analysts getting these important codes wrong.

End-of-Record Terminators

All VIPP and NMP (Native Mode Prefix) statements **MUST** be in ASCII and delimited by an "end-of-line" character ROLO/XPFC automatically inserts these.

Mixed ASCII/EBCDIC Datastreams Emitted by ROLO/XPFC

Minor extensions to the Configurator file language have been provided in order to allow the specification of the required character set on a line-by-line basis if necessary.

New easy-to-understand Configurator File controls such as *ASCII, *EBCDIC, *PCCMACHINE, *PCCANSI and *NOPCC are introduced to provide safe and risk-free access to VIPP features and controls.

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Mixed DJDE/VIPP Printer Regimes

In order to avoid future (operational) conflict/confusion, it now becomes necessary to allow an installation to maintain and dynamically select specific Configurator Files (such as where testing, or new features were being introduced) and some refinements are needed to the method by which ROLO/XPFC connects to the appropriate Configurator File at run-time.

Significant extensions have been introduced to the way in which ROLO/XPFC creates various Configurator Files and connects to them at run-time.

See **Partner Briefing No 45** for fuller details of the new V3R1 features.

Data Format Transformation Features for XPSM

Print files held in XPSM in Xerox "SYSOUT" format require transformation into a different layout for input to VIPP ROLO/XPFC V3R1 will (optionally) perform this data transformation if a special run-time parameter option is included on the command line.

The ROLO/XPFC Family & VIPP Support Availability

The first implementation of VIPP support is for the Unix versions of ROLO/XPFC here is the general availability status;

Unix ROLO/XPFC	2nd Quarter 1997
X-Prep (XPSM variant)	2nd quarter 1997
Windows NT ROLO/XPFC	3rd quarter 1997
MVS/JES2 ROLO/XPFC	Under review, not yet scheduled

Xerox Corporation Sponsorship & Validation

LPS has a long running consultative and development collaboration with the High Volume Printing Systems Division of Xerox Corporation, El Segundo, California.

This enhancement for VIPP support in ROLO/XPFC was a joint project with Xerox Corp sponsoring the development, and actively involved with the design and validation exercise.

This feature is therefore a Xerox "World Class" product, and will be maintained in line with both LaserPrint Services and Xerox Corp directions and initiatives.

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