



Quite often Microsoft OS-environments will not be able to support all of the applications typically required to fulfill Datamax users' needs. In particular, users of Industrial Class Printers (Thermal, Thermal Transfer, Mobile Transfer) often need to print labels from IBM host environments.

If Datamax printing products are perceived by the IBM host based system administrators, programmers, and users as reliable and easy to use, a significant boost will be given to Datamax continuing success in the AIDC market.

The Intermate IPDS Client 2005 software is a tool for integrating

Datamax printers into the IBM AFP™ based label printing applications used in IBM Mainframe (z Series, OS/390, MVS, VM, and VSE) and IBM Midrange (i5, iSeries, AS/400) servers as well as IBM InfoPrint Manager software application environments.

The need for support of IBM IPDS data streams created by AFP™ exists in a variety of industries. Most of these industries already print labels - very likely from Datamax printers.

Examples of ERP Software Labeling Applications: commercially available ERP software packages from BPCS, HTE, Lawson, MAPICS, Oracle (formerly PeopleSoft / J D Edwards), and SAP R/3 as well as many others.

## **Target Industries:**

### **Financial**

For example document labeling requirements for banking, brokerage, financial services, and insurance companies.

### **Government**

All levels of government (local, regional, and national) often use IBM servers for their service provision, reporting, and compliance verification processes. There is often a need for barcode labels.

### **Medical**

For example labels needed by hospitals, outpatient clinics, blood banks, and pharmaceutical suppliers.

### **Manufacturing**

For example manufacturers who need to label component parts or finished goods.

### **Retail**

For example production of shelf labels and product labels.

### **Supply Chain**

For example labels for order procurement processing, distribution center and warehouse inventory management, and logistics management.

### **Transportation**

For example labels for government and commercial shipping services as well as labels produced by transportation and logistics management software.

**» print IPDS labels easily «**





## Important Questions and Answers

### **1. What are the alternatives?**

Answer: Non-AFP™ enabled software applications residing on the IBM Servers. Though these applications work well, there is a productivity benefit to using AFP™ software tools to create and manage labeling applications in IBM server environments. See the white paper "Using IBM AFP Software Tools to Manage Industrial Class Printers" for further information on this benefit.

### **2. Where does the Intermate IPDS Client 2005 software get installed?**

Answer: The IPDS Client 2005 software is installed on a PC, workstation or server running a Windows 32-bit operating system. The software appears to the IBM server to be an IPDS capable printer.

It receives information via a TCP/IP connection between the IBM Host and the PC where it has been installed.

### **3. Do I need to install special components in the Datamax printer to be compatible with the Intermate IPDS Client 2005 software?**

Answer: Not as a rule. Certain printer models may require more than the default amount of onboard memory to perform at rated speed. This is because some labels contain very large amounts of information.

### **4. Does Intermate offer a free demonstration capability for the IPDS Client 2005 software product?**

Answer: Yes. You can try the software out on an unlimited number of PCs, for an unlimited period of time.

### **5. How do I obtain the client?**

Answer: Visit [www.intermate.com/ipdsclient](http://www.intermate.com/ipdsclient), fill out the download request and download the product without any further delay.

An Intermate-defined watermark will appear on all printed output until a valid license key is entered into the product.

If you want to purchase the products, you can order a software key through your local Datamax dealer. A key is needed for each PC that will run this product. Detailed information on ordering your key can be found at <http://www.adcs.ch>

Select "IBM Mainframe/AS400".

You can pay for your purchase via our secure electronic payment site



# Introduction to IBM Server Environments



## **“Mainframe” class servers, such as the zSeries**

These servers are very high performance machines capable of handling huge numbers of transactions in a short time with very high reliability.

Frequently, Industrial Class thermal printers are used with output from the CICS (Customer Information Control System) software environment. Many IBM Mainframe customers may use hundreds or even thousands of Industrial Class thermal printers to support the printing requirements of their IBM Mainframe infrastructure.

To use the IPDS Client 2005 you must have either an appropriate PSF product or VPS / IPDS from Levi, Ray & Shoup, Inc.



## **“Mid-range” class servers, such as i5, iSeries and AS/400**

These servers are built to work as integrated turnkey solutions offering customers an extremely good TCO and requiring little in terms of ongoing support and maintenance effort as compared to the typical group of PCs on a LAN. The midrange class of servers is used extensively in customer environments where database access time needs to be extremely quick no matter how great the volume of requests. The IBM Midrange servers are very visible in Supply Chain applications.

To use the IPDS Client 2005 you must have an appropriate PSF product .

## **InfoPrint Manager Application -**

for both the AIX Operating System and certain Microsoft Windows Operating Systems (primarily Windows 2003, Windows XP Professional, and Windows 2000 Advanced Server and Server).

The InfoPrint Manager application is typically used by human operators from a console to control time-sensitive print jobs. Label applications passed through InfoPrint Manager can be originally formatted using a different printer language (PCL, PostScript, Xerox Metacode or Vipp) and then converted into AFP™ format by transform programs associated with InfoPrint Manager.

Some of the transform programs can reformat a label application from sheet fed multi-up format to single label continuous feed format in order to make it compatible with Industrial Class thermal printers.

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