

# Robert M. Pill

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## SOLUTION BUILDING

Throughout my career in Graphic Arts, I have developed customized, integrated and automated workflow solutions, including integrating disparate pre-press production and Management Information Systems (MIS).

I have built full working solutions using the following programming languages and workflows: C++, C, C#.NET, VB.NET, Java (incl. PdfBox Library), Perl, Python, Kodak Prinergy Rules Based Automation (RBA), SQL, MySql, ASPX, PHP, HTML, PostScript, UNIX shell scripts, VBScript, HP SmartStream Composer & Designer, Crystal Reports.

### Examples of programming solutions:

#### **Automated, Digital Printing Workflow.**

I built the automation infrastructure for a complete digital printing operation for Courier Corp., successfully integrating MIS, Kodak Prinergy, Muller-Martini CONNEX Digital Front End (DFE) to multiple HP PWP T-300/T-400 Inkjet and HP Indigo Digital presses for two plants. In conjunction with Prinergy RBA, I wrote significant layers in VB.Net and C#.NET, including writing a **JDF Graybox** with two-way (JMF) Http communication to the Mueller-Martini CONNEX DFE. Additionally, I built a full suite of MySql based ASPX web pages displaying just-in-time activity, providing the Web-based reporting to tie these disparate systems together!

**Imposition Program.** At Hart Graphics, a client (SAS) had their own publication system but our deadline was too tight to obtain a custom Impostrip filter (from Ultimate); I wrote a program (in C) which created a PostScript based imposition file suitable for large format output. We met our deadline and continued to use the program in production!

**Reverse Engineered Scitex Imposition Control File (ICF).** For the Creo CEPS-2Press team, I was tasked to '**reverse engineer**' Scitex ICF files (**without a specification!**). Subsequently, I built a Perl based conversion utility to read ICF files and create two correlated output files for input into Prinergy: an Adobe Portable Job Ticket File (PJTF) and a PostScript Imposition file containing Press Marks. I later rewrote the ICF conversion module in C++ as a member of Creo's Prinergy v1.1 development team.

**Multi-Wide Unicode font conversion of Westminster Leningrad Codex To Web Hebrew (Leningrad Codex is oldest complete Hebrew Scripture source).** Written in c++, resulting in Leningrad Codex Hebrew-English Scriptures; can be seen at [www.theiconoclast.org/resources/tanakh](http://www.theiconoclast.org/resources/tanakh).

## EMPLOYMENT

**Kforce Inc. (Contract with HP Inc.).** Digital Workflow Solutions Consultant, end of July 2017 to end of May 2019. In Professional Services team, engaged in customized projects, including working with HP SmartStream Composer, HP SmartStream Designer, Ultimate TechnoGraphics' Impostrip, Apache PdfBox Library based Java and C# based programming solutions.

**Eastman Kodak** (Contractor & full time) June 2016-July 2017. Assumed Professional Services role as previously at Kodak.

**Courier Corp.** (RRDonnelley/LSC). Maintained, extended custom digital printing workflow environment, which I initially developed at Kodak. April 2012 to May 2016.

**Creo Inc./Eastman Kodak** (Creo was purchased by Kodak in June, 2005) Headquarters: Burnaby, B.C., CANADA/Rochester NY. November 1994 to March 2012.

**Custom Product Delivery.** The position was essentially the same role as the following Program Manager, 01/2009 to 05/2012.

**Program Manager, Professional Services** (Leadership Team, reported directly to VP), 2003 to Jan. 2009. Variety of duties included Prinergy RBA Expert, project management, custom software development, customer training and consulting.

Project Management involved oversight and coordination and implementation for complex installations.

Custom development ranged from building complete applications to consulting and integrating systems with custom programming (Prinergy RBA, C#.NET, Visual Basic.NET, Java, UNIX, Perl, Python, SQL, Java).

Also worked with Enterprise Management Solution team (MIS) in system support, Crystal Report writing, and project management.

#### **E-Media Technical Systems Specialist.**

2001 to 2003. The E-Media team worked with PrintCafe (later purchased by EFI) to evangelize customers in integration with print management systems. This team essentially created the initiative to what was then known as Networked Graphic Production (NGP, which integrates MIS systems with workflow). As ETSS, I provided technical support to the team, and worked with PrintCafe management in joint projects, project management for joint installations.

#### **Workflow Systems Field Engineer.**

1998 to 2001. Collaborated with Creo's product development team to analyze customer workflow requirements and to develop independent, integration solutions. Implemented custom solutions, assisted in installation, testing and training for beta installations.

#### **Applications Team Lead, East Coast.**

1996 to 1998. Responsible for the leadership, scheduling, mentoring and applications support for the East Coast.

#### **Customer Applications Specialist**

November 1994 to 1996. Responsible for providing full cycle application support and service to clients, from initial technical sales-support through technical application service and support.

#### **Orbotech, Inc.** Billerica, MA

June 1993 to November 1994. Application Expert, Response Center, Graphic Arts Division. Handled customer support for application calls related to SPrint Imposetter operation on Sun SPARC 2 and SPARC 10 WorkStations. Performed preliminary diagnosis for software and hardware issues. Provided solutions to software problems relating to Hyphen RIP, PostScript diagnostics, DeskTop and Imposition applications, networking, UNIX, Macintosh and PC OS's.

#### **Hart Graphics - Austin, TX**

Electronic Prepress Supervisor. June 1988 to June 1993. Department evolved from a typesetting facility to a full-fledged PostScript output and electronic imposition operation. Supervised 9 people. In addition to general supervision, duties involved program development ("C" and PostScript), customer interfacing, "preflight", and diagnostics.

#### **Pill Graphics - Austin, TX**

Co-owner. January 1985 to June 1988. Responsible for oversight of small commercial printing and graphics company. In addition to management, selling/customer relations, performed duties as a Commercial Artist from original art/design through camera-ready art preparation, typesetting, DeskTop Publishing, paste-up, complete darkroom, stripping.

## EDUCATION / TRAINING

Texas State Technical Institute. AA Degree, Commercial Art & Advertising, 1982.

West Los Angeles College. AA Degree, Political Science, 1976.

Loyola Marymount University, 1977.

Solaris 2.X System Administration II course, Sun Microsystems, Jan. 1994.

C++ course, Learning Tree, Fall, 2000.

Crystal Reports course, Epicor (base engine for Kodak's Enterprise Management System), August, 2005.

"School of Hard Knocks", "Multiple Campuses"; on-going non-degree program.

## REFERENCES (Sent upon request)