



## **tkPDF**

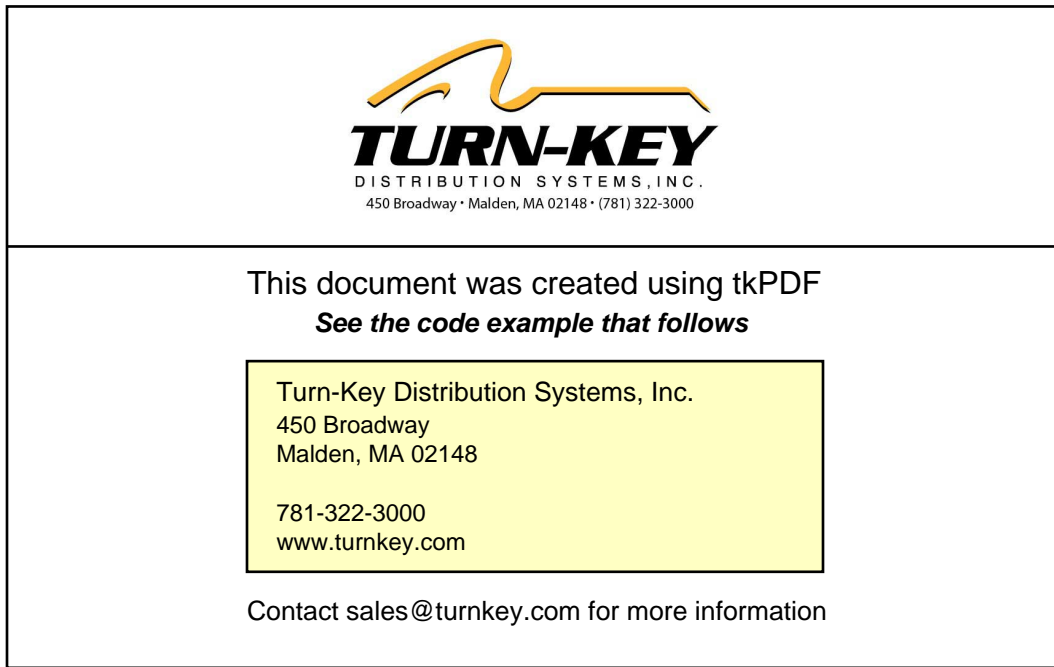
tkPDF is a powerful tool for creating PDF documents in Synergy® programs. Features include Line Drawing, Foreground and Background Colors, Boxes, JPEG Images, Fonts and more. Use tkPDF to create complex forms (see Figure 1) or simply add PDF capability to existing report files (see Figure 2).

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Figure 1



```
; SRC:TKPDF_EXAMPLE.DBL - (C)copyright 2011 - Turn-Key Distribution Systems Inc.

.include "DEF:TKPDF.DEF"
.define LOGO_FILE      , "IMAGES:TKY_LOGO.JPG"
.define LOGO_WID       , 2
.define LOGO_HGT       , 1
record

    pdf_ch             , d3
    file_name          , a30      , "DATA:TKPDF_EXAMPLE"
    title              , a30      , "tkPDF Function Example"
    author             , a30      , "Support Staff"
    subject            , a30      , "tkPDF example from Turn-Key"
    keywords           , a30      , "tkPDF example Turn-Key"
    creator            , a30      , "Turn-Key"
    status             , d3

.proc

status = %tkpdf(PDF_OPEN,pdf_ch,file_name,P_PORTRAIT,title,author,subject,keywords,creator)
status = %tkpdf(PDF_IMAGE,pdf_ch,LOGO_FILE,3.25,9.625,LOGO_WID,LOGO_HGT)

status = %tkpdf(PDF_BOX,pdf_ch,1.5,7.3,5.5,3.45)
status = %tkpdf(PDF_LINE,pdf_ch,1.5,9.5,7.0,9.5)
status = %tkpdf(PDF_POSITION,pdf_ch,2.75,9.25)
status = %tkpdf(PDF_WRITES,pdf_ch,"<Helvetica><Black><Size=12>This document was created using tkPDF")
status = %tkpdf(PDF_RELATIVE,pdf_ch,0.35,0,"<BoldItalic><Size=10>See the code example that follows<Normal>")
status = %tkpdf(PDF_NEWLINE,pdf_ch,9)
status = %tkpdf(PDF_WRITES,pdf_ch,"Contact sales@turnkey.com for more information")

status = %tkpdf(PDF_COLOR,pdf_ch,256,256,196,0,0,0) ; Yellow
status = %tkpdf(PDF_BOX,pdf_ch,2.75,7.8,3.0,1.10,1)
status = %tkpdf(PDF_POSITION,pdf_ch,2.9,8.7)
status = %tkpdf(PDF_WRITES,pdf_ch,"<Helvetica><Black><Size=10>Turn-Key Distribution Systems, Inc.")
status = %tkpdf(PDF_WRITES,pdf_ch,"<Size=9>450 Broadway")
status = %tkpdf(PDF_WRITES,pdf_ch,"Malden, MA 02148")
status = %tkpdf(PDF_NEWLINE,pdf_ch,1)
status = %tkpdf(PDF_WRITES,pdf_ch,"781-322-3000")
status = %tkpdf(PDF_WRITES,pdf_ch,"www.turnkey.com")

status = %tkpdf(PDF_CLOSE,pdf_ch)

.end
```

Figure 2

Before:

```
start
.title sample_report

record
    file    ,a*    , "REPORT.TXT"
    chn     ,d3    , 101

record
    page    ,d3
    line    ,d3

.proc
    open(chn,0,file)

    writes(chn,"Report name: "+file)
    writes(chn,"Produced on "+%DATE)
    forms(chn,1)
    writes(chn,"This is a sample report.")
    forms(chn,0)

    for page from 1 thru 5
        begin
            for line from 1 thru 50
                writes(chn,"Line # "+^a(line))
            forms(chn,0)
        end

    close(chn)

.end
```

After:

```
start
.title sample_report

.incl tkpdf.def

record
    file    ,a*    , "REPORT.PDF"
    chn     ,d3    , 101

record
    page    ,d3
    line    ,d3
    status ,d3

.proc
    status = %tkPDF(PDF_OPEN,chn,file, P_PORTRAIT)

    status = %tkPDF(PDF_WRITES,chn,"Report name: "+file)
    status = %tkPDF(PDF_WRITES,chn,"Produced on "+%DATE)
    status = %tkPDF(PDF_NEWLINE,chn,1)
    status = %tkPDF(PDF_WRITES,chn,"This is a sample report.")
    status = %tkPDF(PDF_NEWPAGE,chn)

    for page from 1 thru 5
        begin
            for line from 1 thru 50
                status = %tkPDF(PDF_WRITES,chn,"Line # "+^a(line))
                status = %tkPDF(PDF_NEWPAGE,chn)
            end

    status = %tkPDF(PDF_CLOSE,chn)

.end
```