

Vendig Software Services

BARCODES and SIGNATURE CAPTURE

MIS Users Group Meeting
Steve Knapp
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VSS - Barcodes In PostScript and PCL Forms

Example 1

TILESHOP, INC.

BERKELEY
1005 HARRISON STREET
BERKELEY, CA 94710
(510) 525-4312
(510) 525-8430 FAX

SAN JOSE
480 EAST BROKAW ROAD
SAN JOSE, CA 95112
(408) 436-8877
(408) 436-8245 FAX

VAN NUYS
16216 RAYMER STREET
VAN NUYS, CA 91406
(818) 994-9637
(418) 994-9586 FAX

SOLD TO: @@SoldTo#
@@SoldToFld1
@@SoldToFld2
@@SoldToFld3
@@SoldToFld4

SHIP TO: @@ShipTo#
@@ShipToFld1
@@ShipToFld2
@@ShipToFld3
@@ShipToFld4

INVOICE #: @@Invoice#

REF: @@Ref

PAGE#: @@PgTYPE: @@Type@@Batch#: @@Batch

DATE	CUST. ORDER NO.	TAKEN BY	ORDER DATE	SHIP VIA	FREIGHT TERMS	TERMS	BRANCH	
@@Date	@@CustOrd#	@@TakeBy	@@OrdDate	@@ShipVia	@@FrtTerms	@@PayTerms	@@Branch	
QTY. ORD.	QTY. SHIP	PRODUCT NO.	DESCRIPTION	UNIT	FCTR	PRICE	DISC. %	EXTENDED PRICE
@@QtyOrd	@@QtyShp	@@ProdNo	@@ProdDesc	@@Un	@@Fc	@@Price	@@Ds%	@@ExtPrice
@@OptNote1	@@OptNote2	@@OptNote2	APPROX. WEIGHT @@Wgt			SUBTOTAL	@@SubTot	
						SALES TAX	@@SlsTax	
						MISC	@@Misc	
						SHIPPING	@@Shp	
						TOTAL	@@TotalPr	

PLEASE NOTE: Shade variations are an inherent characteristic of ceramic tile and all warranties against this are excluded. It shall be the responsibility of the installer to inspect tile prior to installation as no adjustments whatsoever will be made for defects after installation. On any claim for defects, seller must be notified of the defects no later than 60 days after receipt of tile by buyer. No returns unless authorized by seller in advance and request for returns must be made no later than 30 days after sale. There will be a 30% handling charge on all accepted returns. All overdue accounts will be subject to a 1.5% monthly service charge on the unpaid balance, but in no event shall buyer be charged in excess of the maximum permitted under applicable state or federal laws. Should the buyer default hereunder, he shall be liable for all costs and attorney fees incurred by seller to enforce the terms of this sale.

CHARGE FOR RETURNED CHECKS \$20.00

Barcodes In PostScript and PCL Forms

Example 2



BRANCH:

@@Branch1
@@Branch2
@@Branch3
@@BranchTeleph

CASH RECEIPT

TICKET#: @@Ticket#
DATE: @@Date
CUSTOMER PO#: @@Cust#
TAX CODE: @@TaxCode
JOB NAME: @@JobName

SOLD TO:

@@SoldTo1
@@SoldTo2
@@SoldTo3
@@SoldTo4

PRINTED:
@@PrintDatTime

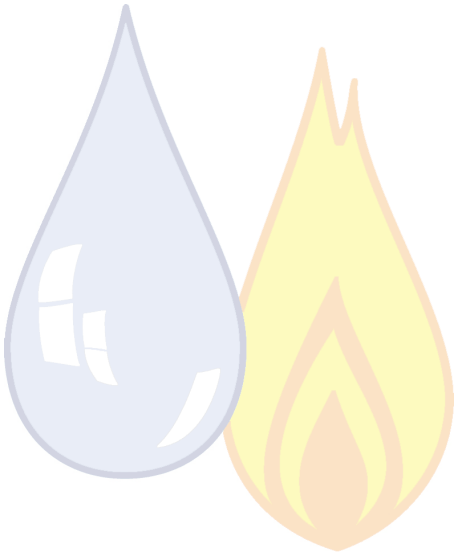
SHIP TO:

@@ShipTo1
@@ShipTo2
@@ShipTo3
@@ShipTo4

ORDER DATE	REQ. DATE	SALESPERSON	SHIP VIA	WRITTEN BY	ORD.-TYPE	FREIGHT	DESC.
@@OrDAT	@@ReqDAT	@@SalsPers	@@SVia	@@WrtBy	@@OrdType	@@Frt	@@Desc

@@ecc.line

LN#	QTY-ORD	QTY-SHP	PRODUCT & DESCRIPTION	PRICE	UNIT	EXT. PRICE
@@L#	@@QO	@@QS	@@PRODUCT# @@PRODUCTDESC	@@PR	@@U	@@EXPR

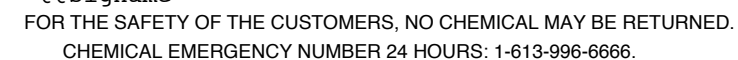


@@Continued

@@Sig-Img
RECEIVED BY @@Signame

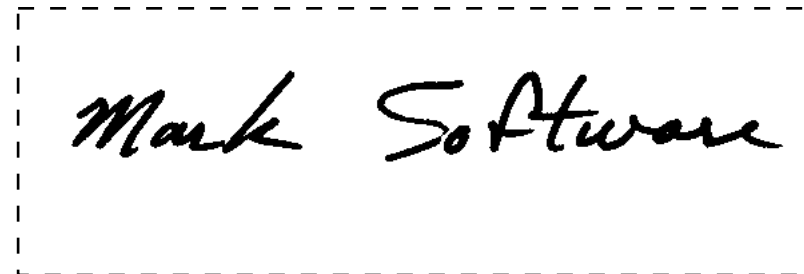
SUBTOTAL:	@@STot
FREIGHT:	@@FRTAMT
TAX PERCENT: @@TX%	TAX: @@TXAMT
	TOTAL: @@Total

Example 3



VSS SUPPORTS SIGNATURES IN POSTSCRIPT FORMS

Typical
POS Signature
as Bitmap Image.



2.0 x 2/3 inch

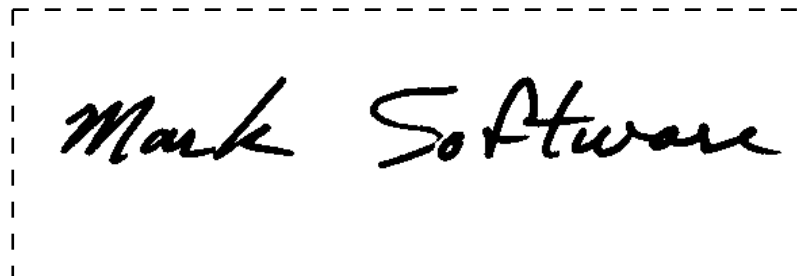
600 x 200 dots =
120,000 bits =
15,000 bytes.

A signature image is mostly empty space with some curvy lines,
so it can be compressed.

The PostScript language supports **lossless image compression** that is
perfect for signature images.

At VSS we convert each bitmap signature file to a small PostScript file,
compatible with the PostScript business forms produced for VSS clients.

Identical
POS Signature
from VSS PostScript
file.



600 x 200 dots as
compressed to
3,800 bytes.

[Signatures not available on Windows.]

POS Signature Example 1

This is an demonstration
of the same compressed
PostScript signature
added to the form as it
would during production.



BRANCH:

@@Branch1
@@Branch2
@@Branch3
@@BranchTeleph

CASH RECEIPT

TICKET#: @@Ticket#
DATE: @@Date
CUSTOMER PO#: @@Cust#
TAX CODE: @@TaxCode
JOB NAME: @@JobName

SOLD TO:

@@SoldTo1
@@SoldTo2
@@SoldTo3
@@SoldTo4

PRINTED:
@@PrintDateTime

SHIP TO:

@@ShipTo1
@@ShipTo2
@@ShipTo3
@@ShipTo4

ORDER DATE	REQ. DATE	SALESPERSON	SHIP VIA	WRITTEN BY	ORD.-TYPE	FREIGHT	DESC.
@@OrDAT	@@ReqDAT	@@SalsPers	@@SVia	@@WrtBy	@@OrdType	@@Frt	@@Desc

@@ecc.line

LN#	QTY-ORD	QTY-SHP	PRODUCT & DESCRIPTION	PRICE	UNIT	EXT. PRICE
@@L#	@@QO	@@QS	@@PRODUCT# @@PRODUCTDESC	@@PR	@@U	@@EXPR



@@Continued

SUBTOTAL:	@@STot
FREIGHT:	@@FRTAMT
TAX PERCENT: @@TX%	TAX: @@TXAMT
	TOTAL: @@Total

RECEIVED BY @@Signame

Mark Software

PAGE # @@P# OF @@Ptot

@@CopyType

PLEASE READ TERMS AND CONDITIONS

Another demonstration
of the compressed
PostScript signature
added to the form as it
would during production.