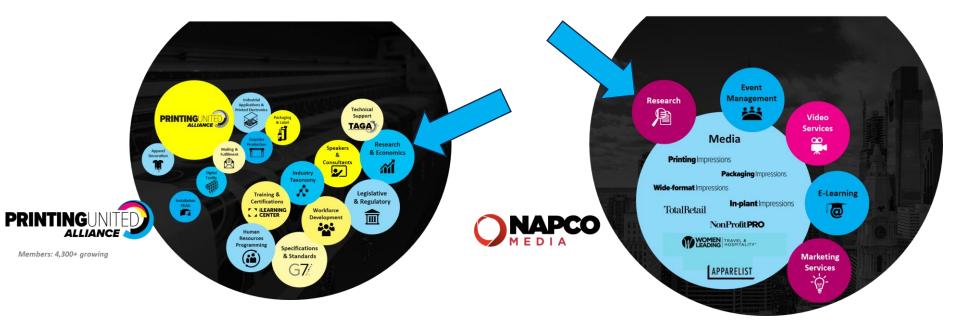


Advertising Specialty Institute®

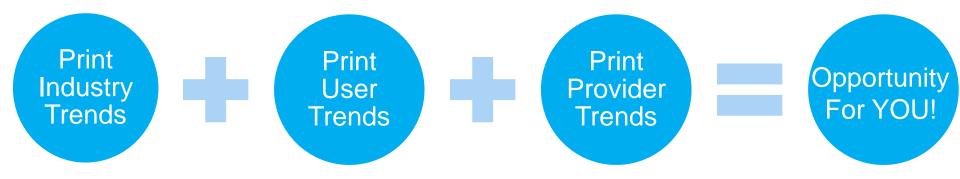
Printing Industry 101: All About Print Products & Your Sales Opportunities

> Lisa Cross, Principal Analyst NAPCO Research/PRINTING United Alliance

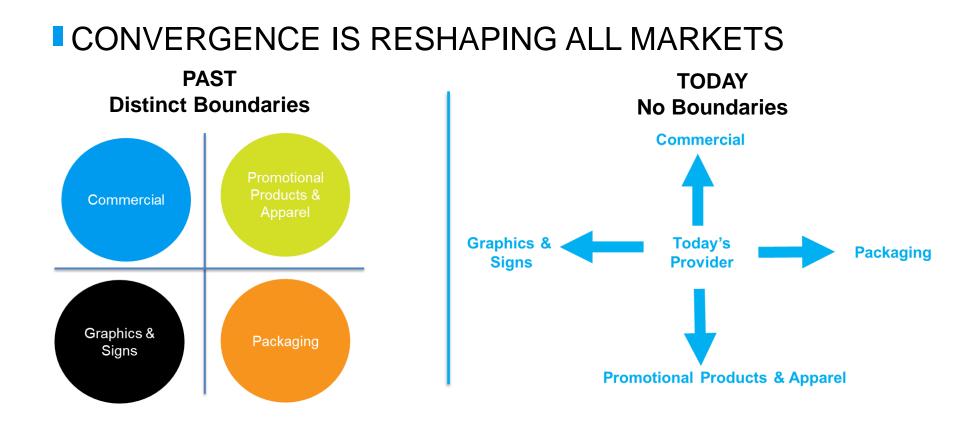
ABOUT US



TODAY'S CONVERSATION...







VOUR PEERS ARE ADDING PRINT...



I ... AND EXPANDING PRINT CAPABILITIES

BAMKO CULTURE

BAMKO's Commercial Print Expansion: Meet Michael O'Neal

Big news! BAMKO is expanding our commercial print capabilities, and we've got a dynamic expert joining the team to help us make it happen.

Meet Michael O'Neal, our new Vice President of Enterprise Accounts. With over thirteen years of experience, O'Neal has held senior leadership roles with leading companies in the industry. Now, he is ready to take his role as a subject matter expert to new heights, spearheading BAMKO's expansion into the commercial print vertical.

We sat down with O'Neal to get to know more about him and his goals for this new role:



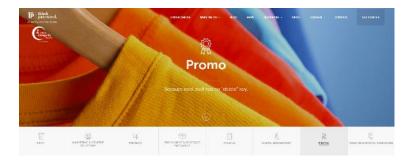
BAMKO is #8 on ASI's Counselor Top 40 Distributor list

PRINTERS ARE OFFERING PROMOTIONAL PRODUCTS









FRANCHISES AND AFFILIATES ALSO OFFER PRINT

OPPORTUNITIES

PROforma

Printing Services

Your printed projects speak volumes about your business and brand. As your printing expert, guiding you through the printing process is a key component for a successful printing project. To ensue you leave lasting impressions, we'll help you from start to finish with selecting professional graphic treatment, paper and design options, and recommending production and distribution methods.

Proforma will help you deliver creative and professional results with custom or web-based print-on-demand projects and dynamic services including:

Custom Packaging

Variable Data Printing

· Direct Marketing

· Prepress and Digital Printing

Green/Eco-friendly Printing

- Annual Reports / Executive Business Material
- Booklets, Handbooks and Catalogs
- · Flyers, Posters and Brochures
- · Marketing Materials and Sales Collateral
- Binding and Finishing
- · Creative Services

To learn how our Printing solutions can uniquely introduce your company and brand, contact us today!

About Proforma

ABOUT EXECUTIVE TEAM HISTORY & RECOGNITION STRATEGIC PARTNER OPPORTUNITES NEWS BLOG CAREERS



COMPLETE SUPPORT FOR YOUR SUCCESS

The other perioditional products distributor products, as much service and separate to Attrainers as IRROMOTEL. We believe that your success is our success, and so were committed to providing the missionus, advance linearing, and version fluid your rend to help you achieve achieve a taken of personal and professional success that you never tehere throught possible. We are consumity adding new sentest to an Attraits success that you never tehere throught possible. We are consumity adding new sentests to an Attraits success tortary controls.



TRADE SHOW PARTICIPATION

IPROMOTELL attends, earliers at, and spensors a number of promotional products industry events around the matery. As an IPROMOTELL Affault, we may get you acress to these events without any additional loss — used if you're not a member of the shows host association or organization.

PRINT & PACKAGING

IPIOMOTUL has seen networker avaids for our print and packaging services over the years. Whether you already vid or wand hitse to estimation print are parkaging reviews (MPDOTUL can help Dor print and packaging dirickin is lot by hoursy search bio Schwick, who has formed a preferred print worker instantivability and the second programs, and more — instancely for PROMOTLiss Afficiates.

WHAT DOES CONVERGENCE MEAN TO YOU? Opportunity to Add Print to....





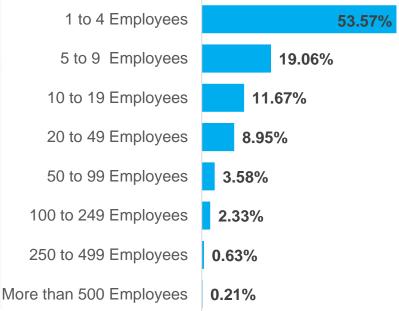
THE PRINT OPPORTUNITY



PRINTING INDUSTRY BY THE NUMBERS

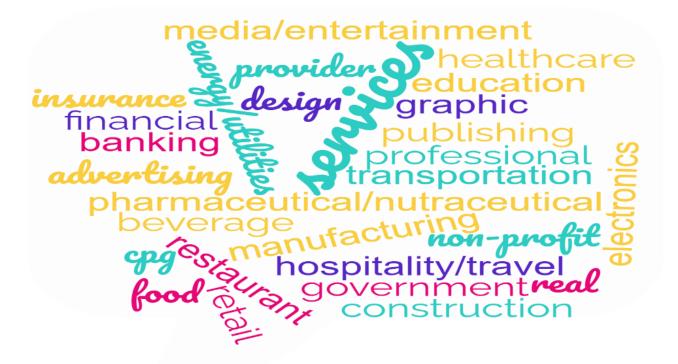


Establishments by Size



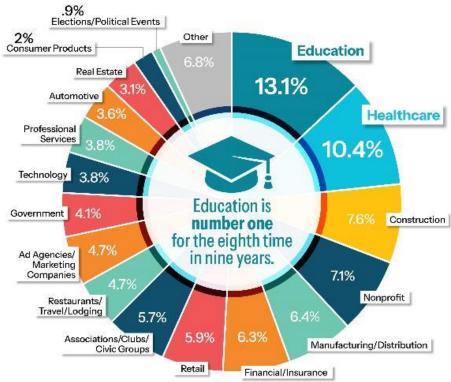
Source: U.S. Census Bureau's County Business Patterns, 2021 (most current reference year)

ALL INDUSTRIES USE PRINT



WHERE IS YOUR OVERLAP?

These are the top markets for **promo products** sales – and they all use print!



Source: 2023 State of the Industry (ASI Research)

MANY PRINT APPLICATIONS



PRINT PRODUCT MARKET OUTLOOK

Market	Number Forecasting	Projected Average Annual 2023-2025
Direct Mail	171	3.2%-5.0%
Marketing Collateral	163	2.4%-4.3%
POP/Retail Displays	140	2.2%-3.5%
Tags/Labels	137	2.2%-3.2%
Books	154	0.9%-2.3%
Business Cards/Envelopes/Letterhead	159	0.5%-1.5%
Financial	137	0.5%-1.3%
Technical Documentation/ Manuals/Directories	126	0.0%-1.2%
Posters/Presentation Graphics	123	2.9%-4.5%
Window Graphics	125	3.5%-5.4%

Source: State of the Industry Update, 3rd Quarter 2023, PRINTING United Alliance

PRINT & PROMO: WORKING TOGETHER IN DIRECT MAIL



PACKAGING, PRINT, AND PROMO

Swag Box



Source: Sky High Marketing (asi/328476)

Digital Printing Offers Opportunities



Just launched: World's first full-color, on-demand, right-sized box system

OPPORTUNITY TO ENHANCE CUSTOMER EXPERIENCE

- Typically, different suppliers for print and promo components but increasing customer preference for single sourcing
- 75% of communication buyers and influencers prefer full-service providers Source: NAPCO Research 2024
- Opportunity to consolidated supplier base and enhance customer experience



Image licensed under CC BY-NC-ND

PRINT IS VALUABLE AND USED



COMMUNICATION BUYERS VALUE PRINT



It Communicates Quality.

94%



It Stands Out In Today's Media-cluttered World.

92%



It Enhances One's Brand.

89%



It Yields Higher Retention Levels.

85%



It Demonstrates Credibility and Authority.

88%

n=75 Communication Buyers and Influencers

Source: NAPCO Research Annual Commercial Print Industry Trends and Strategies Service, 2023



ORGANIZATIONS USE AND VALUE PRINT

- Print is an important communication method for our organization 93%¹
- Printed marketing materials deliver results to our organization 92%¹
- Factors Compelling Print Use²
 - Link print and digital media 42%
 - ROI tools for print vs. other media 41%
 - Tie print use to sales 38%
 - Case studies on print's value 35%
- Factors Preventing Print Use²
 - Too expensive 43%
 - Can't track 33%
 - Lack expertise in using 31%
 - Not effective 31%



¹n=316 Communication Buyers and Influencers, Source: NAPCO Research Annual Commercial Print Industry Trends and Strategies Service, 2023 ²n=175 Marketers, Source: The 2021 Marketing Media Mix Survey, NAPCO Research

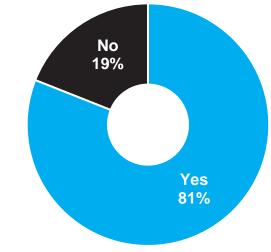
PRINT AND DIGITAL MEDIA USED TOGETHER

Average number of media types used in a typical multi-channel/omni-channel communication: 4



81% Use Print in Multi-channel Campaigns

Q. Does your organization use multi-channel or omni-channel campaigns that include print to communicate with customers and prospects?



n=316 Communication Buyers and Influencers Source: NAPCO Research Annual Commercial Print Industry Trends and Strategies Service, 2023

TYPES OF PRINT PROVIDERS



WHERE ORGANIZATIONS BUY PRINT

ТҮРЕ	CHARACTERISTICS
Commercial Printers	Offer a range of services. Prints almost anything including brochures, postcards, flyers, posters, and more. Typically, don't specialize in one narrow market niche.
Quick Printers/Copy Shops	Refers to business that offer fast printing and copy services, and usually have retail storefront for selling services.
Retail Stores	Office supply stores (including Staples, OfficeMax, the UPS Store) that offer customers print applications and graphics printing.
Sign and Display Graphic Printers	Establishments that primarily print signs, banners, posters, or point-of- purchase displays.
Online Providers	Sell print via an online storefront or customized web portal.
Print Distributor	Sell print work but do not produce it.
In-house Printing Operation/In- plant	Produce print for their parent organization, either in-house or outsourced. Range in size from 1 to 300+ employees.

FINDING PRINT PROVIDERS



Provider at Top of List \$5.3 Billion in Sales

	PRINTING IMPRESSIONS							10			
72		300	Tala Sales	Second Ball	Į.	Product March		Printer Serie (Cite)	Paring Assessed	Personal Persons	
1	F	90 W Densited, Oscept 3 State October Association	BLINKS	BUR100	4	See Justin	21.618		808 003 049 F(A) (8.0%) 616 005 93	1	Ĩ
1	11	Deel, Novice W	31,029.56	\$1,101-47	9	Ind Section	10.000	PERMIT	BOW OCS, INF. MAY, 201, 1914	Ké	r
87	11	Company phy. Sciences, Pul.	GLOBING	\$1,001-01	14	Ince Gara	4.000	WR 1875 Bare Satisfair (makes, rokatego and	activities and pre-one	rsa:	t
-	÷	Assessment in Andrea 10	11.100.00	AT 181 MT	1.00	film front	100	restor of model inspected.	05 23	100	è
i	ľ	Dura Rich Rowing Ma Door Flant and Rock Rohaging Landson, Microsol, 19 Ameri Gran Innus, Tantaine	ST'NUT IN	£1,0000	1	inte	1.000	THE REAL PROPERTY AND A REAL PROPERTY.	BON DOL NW. FULLINE DYL APPE CIS	164	ļ
	1.	Topice Carp., 1. Percente, MI	CLOBERT.	£1.00-0181	·D ·	Charles Withouse	80.005		85	(here)	1
Ť	ľ	Laborate Mentrick, Harmonie, S. Traver Alles Terlings, Suprember, 17	GUALOK	\$164	-	Anna McCan	6.08	delined, tal in risk for	808.000 JPS (7M	-	Ī
•		Left Communications (& Int Res., Harryweite, S., Hannet, Alber Switzer, Sommitte, 17	-	Printin	۰.	Ingherie Karr	1,000	MAL MAL Annual spectrations processing a stationary appropriate for a stationary spectration of a difference registered. CIT 2001, PARK 2016, NR 78.	wiscow) of concars	100	
•	P.	Denvelop Prosental Granises, Oriege (h.	00110	\$963.55	*	farter att	-	Will (MI), Dark annual ta barra (MA), adharan (aktores (MA), per ant dark per p Maj	84	ina.	ľ
н.		Relating one Zonio MC	2042.08	\$15.01	17	divis Infranci	1300	104/391 INCOME SPECIFIC Methods and address of the State of the	ROK OCLIMA ELA (PRIDAL MON OCLIMA ELA (PRIDAL	Par.	
	1	Cit Iron Torre M	10104	-	-	Des Garman	110	194	81	The:	•
	ľ	Witten Samp, Section of S	900.85	POILAI	<u>t</u> .	or base	1.000	of any latence, pay the prost-sectory pla- ters, pro 2 weather, we are dealer sectory 27 Mil- ratence, the Walter of the Value of the UK Walter	and 60, 64, 67, 69, 69, 69	140	
1	1.	Deadler, Ofen N	DATE:	ROW	18	Re-Tariniti	1.00	Photons.	ERGS PD PY	Dec.	7
	*	Statement Press Add. / servergille. 21	953639	FOR BY	-91.	Based 7 ton	41	128-126, 289-226, 287-21, 202-86, 57-86, 27-95, 1912 Fill (05.75, 75-75, 202-76)	433,049 (Pb (Pl	100	Ī
•	1	Seat be, Mildler, 78	347.04	140-71	9	Erift Ehler	1181	PCC 495, Prove & March, Says receivered, COM 201- 51 (Soc. The rate, Backley, Sacht, Darf No. / & N.	808 005, NPL EX. 815. #04 03	140	Ī
•	*	Congline, Michael Link, 198 Pratery Carlonse, Carlond Microsoftware, New York, 372	SAME IN	\$55.10		Re-thinks	0.94	where we reason and a standard starts	and one and the art.	~	ĺ
	*	Adams Parrisks Bands, Parcent, H	-	Peicel	*	Manual Restorements		company, but long being right to define the month but the ball the ball the ball	400,000,000,000	1	
π.	10	Parks Myslens Brank, Vigina Brank, W.	1294.30	226.02	+	de fore	1,300	PC BY Main Ault prings and dere	84	1	F
•	11	SALE Contractioners Management Description 28	585.00	10.0	-41	Reading.	1,000	Internet of the second se	BIN OCT SHE FIN TO OFF	194	Î
-	-	Semenant reasons, Series, Mr.	-	Printer.	10	Sea Marcal	100	Internet and the country of the rests	WINLOCK FIX OF LOW	Page 1	7
3	*	Venia Generally & Tuni 218	624638	1800	3 :	Mari Iuw	1,306	DE MCRONE press and been date an editation EM NO. CONTS, 10(3): A0(2)	403,049,995,996,90	100	l
-	10	MINP, Munitop E. Statest With Associa, Rosen, N.	275.00	\$25.34	-	Interit Gend	141	IR IRS CAVE	\$18.05 FE05 (% 85	~	Ī
-		Aphalloghte, Laternet, 12 Passil MD(Literation) Mise Baty	196.00	Dett.	-94	Resident.	41	The are the physical sector at	43,547,9513	(m)	
N	-	Participants into estimate (PG), Manual, PL	CHLM	194.00	44	Armai Just	28	NUMBER OF STREET, STRE	8/30 0/00 dam 2/31 0/10 0/10	*	Ĩ
ä	11	Canadian Bank Rosp. (21 ann, 18	5858	100.00	٩.	Roug develop	09	and terminal ways and the	8/5.3ml* (0); (8): (10, (15) 57	14	1
N	ľ	1900: Chartean et Mit Thereil Croberol Stalfal Management. Teamiting, MV	ecca.ab	Derro:	28	Cardines.	LIN	in our	BORISCE YOF BELOW	*	
*	1	Barrana, Mari Sale Bassi, K.	28.7	271.9	4	411he	10	PC III	808.003 349 FUE 380 UR 875.078 295 378	Par.	Ē
28	-	Anamarisha Gorilloon, 3	LBLM	F1(20	4	Michael Textere: Data Signer	288	24 KOL HC HL OF ML DIF 21	acte pos san pre pre pro	140	ľ
29	10	Websterlik, Recolves NC	SHER	\$1,0.00	4	Barl() Release in	1.01	ana wali, hakanu antani.	83.00.29		Ľ
38.	11	48+ 34, No. 1	303796	\$15.0	10	the Mile	16	041404.045.045298.099275.36545	887.328	44	E
3	1	American Dansion, Inc. 30-3perch 1999. House Visite Col	330798	889.00	-81	Ridge of Long	45	18 29, Bet 21, 352 57 Convertible methods	83.06.05.88	1.	

UBING ST. RELAXANT, HARRING Reverge Bandwei KD, Berthandswei KD, Sonthan Dana, KD, Sonta Danasakhing SD, North KD, Walkan Kewa Hang, KD, Yanashing KD, Andrea Kewa Hang, KD, Yanashing KD, Yanashin

3 Name Inpressions: Parenducan (Departure 2023

Provider at End of List \$5.5 Million in Sales

		PRINTING IMPRESS	IONS				16				1
22		300	Marian Other	trees.	i.	Property Diver		Newsy Specialize	Faring Processo"	lane;	1
**		And Million in Life, Long Land, Mill	54.40	41.00	142	age and		Chair Birls, Colar 2 No. Gall 155	aut.	34	
117	-	Septeme Regificity, Atlantic M.	(\$4.H)	224	14	Parity Nation	14	The arts, fact role, Pace (is	ACCOMPTING OF	10.1	1.
		Ward, Ark. Jon., Sorrow, 18 Papert Rostons, Blanks, Samon 10	58.31	410	-1	Bolagt	4	INTER-CONTRACTOR DURING THE	10.01	84	E
28		Gapter Presing and Balling to Terror CA.	18.25	4.0	14	Jan Response		CHILDRA CONTRACT, FUELER	20.00	94	F
-	-	An Asia, South 245	34.00	91.1	109	distant person	294	THE ROY IN MY, YOU WE HAVE N	105 page 205, 500	94	P
	-	Vol. Sciences III	25.64	6.00	-	David Reference	1.14	118 SIN 18-105 F. 8 85. (K-10, 80175	85.05		1
***	-	Midgingking, humanyon, in	94.44	\$20	10	In Roading 1		The and the rest () and the	107,000 075	44	1
-	-	Okage Middleup Calore flat. 2	1756	905	Car.	faithor	190	THE MALON BOL MARK OF TUMOTY	ter!	101	1
-		Adjustingtive ba - Populary Co	gaa.	\$1.50	18	mana	*	when one may long the control of the set of the result of the set of result of the result of the result of the result of th	10.116.010.010	84	
-	-	Static Manhai (Second H	8138	anat	14	Strain & States	0	2010/01/201204, \$48.95	PET.025		F
-	-	Nanako Danakoa, Josimonaria, K.	1111	47.0	14	Declass	S	2010/COP/SIL17/25,00195,02674	2(3.089.01.00	34	IT.
*	-	Mathematical and a second second	1114	9171	-	Samp 44	14	AVE 1011, Aug." (211), 200 (211), 201 (21)	MO INF INF	Ary.	I.
-	1	EX. Tracing & Co. Index (Printing) etc., Testers, Tel.	370	37#	14	Janua Teatra	×.	.56F 805.		24	ľ
10	-	(Resolution), Relation of the	100	815	24	ling & last	14	\$11,305 Burner and	314	84	
210		Court/Instag. Social 11	04.01	449	(100	thertax (area:	14	C24.65, 26.352 ALL NU FUETA	13.01	54	
H	-	dah fermalukan, kitachi, M	5641	20.0	-	Torist Only	24	04 (FL Y)# 3FL FL# #L(ME FL)	312,896,675	44	P.
200		Baptic Crathese, Ferrardia 19	利用	8.9	12	3i-Orygan		238 505 287 295, 28 (85, 181 85)	205.00	44	
84	-	Playta, Loss Des LL	4443	21.16	544	July 1. Automatic	44	The site sectors and access shakes the sector sector.	8353 Te-945-049		1
	-	stanting flaging, Saving, 14	34.90	91.52	1.4	And Mary	5.94	renaria all'ara depart	part.	A.,	11
201	-	Perdante Orano, M	24.8	8.9	-08	Line Senio	14	24F RVL09L3/L8(page)	287.628	104	1
-	-	And & Sailt Co., School Score, 5	Banka	4156	Le .	Indu C Spile is	(n)	Cold MA, Dec/A, SPS /A phone 185 /A	ACTION OF A	84	14
	-	Allest Base Spectrum, Norghon, Mr.	11.00	8.00	19	Abrillion	Ξ.	THE LEFE BELTIA Down until THE Ages & Andrew - which arrange pin the	600° 23	100	ľ
24		Kitaway Server (1)	21/7	15.2	14	Bullion	10.0	CWF DON	10112,34	34	
	-	Warner, Start Chains, 181	23/2	81.80	140			24/105	200	Sec.	17

UBDA BL, McDadak E, Distanti Mang Bandaka DL, Ina Manistrang CE, Laning CM, Anna Evenand Paris, Palin J, Sharin KD, Handaka E, Distanti M, Barg Bandaka DL, Sharin KD, Sharin

Not Listed in Our 2023 Rankings?

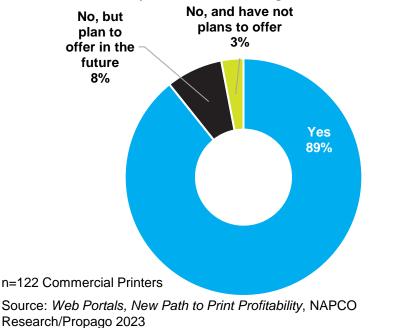
If your company should have approved as not 2003 Polishing presentant 300 and dat red, into is show for yout your's list. While the Polishing Anarcosciens, Adv. Educa in Clinet, 1500 Spring Backer SL, Salet 1210, Philodolphia, PA 19130 or email p 2008 supervised and your first to an intables to be contracted for incidence in not your's statings.



CONNECTIVITY: ONLINE ORDERING

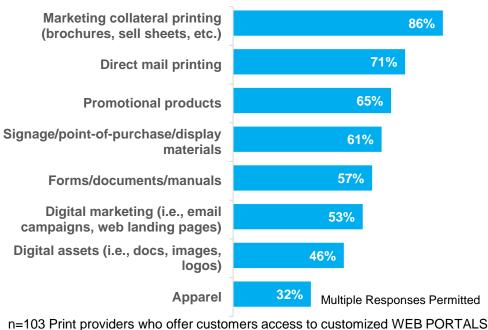
Offer Customized E-commerce Sites

Q. Do you offer customers access to customized e-commerce sites for order entry and materials management?



Items Supported by E-commerce Sites

Q. Which of the following items can your customers order through the e-commerce sites your organization creates for them?



ENTERING THE MARKET



KEY ENTRY METHODS

Partner with Current Customers

Partner with Purchasing Departments

Partner with Print Providers

Acquire Distributors that Offer Print

ENTRY METHOD: PARTNER WITH CUSTOMERS

Partner with Current Customers

- Existing business relationship and trust of current customers
- Customer familiarity may reduce buying process
- Understanding customers can lead to realistic product options aligned with their comfort level

NAPCORESEARCH

• Organizations looking for simplified supply chains

ENTRY METHOD: PURCHASING DEPARTMENTS

Partner with Purchasing Departments



ENTRY METHOD: PARTNER WITH PRINT PROVIDERS

PRINT INDUSTRY SALES STAFF CHALLENGES

Partner with Print Providers



of commercial printers and sign and display graphic providers report hiring sales staff is a critical/moderate challenge.

Sources: NAPCO Research Annual Print Commercial Print Trends and Strategy Service, 2023 and Who Buys Sign and Display Graphics?, NAPCO Research 2023

ENTRY METHOD: ACQUISITION

Acquire Distributors that Offer Print

Premier Press Combines Forces with KG Specialties, Expands Production





Annual 20, 2022

the company to quickly

Tess Demo: Canon ProStream 3000 Product Video

deliver on prowing client demands. KG Specialties President and Owner Kyle Gibson will your Premier as director of promotional merchandise, and all KG Specialties employees will transition to Premier's facilities

Grossman Marketing Group Acquires Branded Merchandise Company, Symbol Marketing & Promotions

For the last century Grossman Marketing Group has developed a THUTTER reputation for its expertise in assisting its clients with its (h) LINKSON marketing initiatives. Today, Grossman Marketing Group took

GROUMAN MARGINING GROUP A CENTURY OF COMPANY SAL PRO

another step in its efforts to further expand its New England footprint as the group announced the acquisition of New Hampshire-based Symbol Marketing & Promotions.

Wallace Graphics Purchases The Corporate Shop



Printing Impressions

the promotional products marketing space and adds an 10 000 ag facility which includes a world-class showroom, decicated custom branded apparel production space 14 employees, and 4 dedicated Account Menagers. The Comparate Shop co-owners: John and Wendy Neubauer have joined the Wallace Graphics team as well.

Established in 1999. The Corporate Shop ranks in the top 4% of distributors in the industry and has become Atlanta's premier source for as one of ATLs top 10 promotional distributors for six consecutive years. and named to the Top 100 women-owned businesses in Georgia.

Adding Promotional Products Creates New Revenue Streams

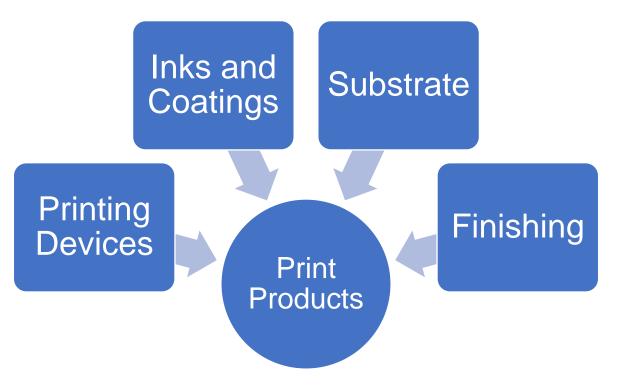
A Different Approach: Acquisition

Ironmark, based Annapolis Junction, Maryland, ventured into the promotional products world a little differently. Rather than just adding products relative to demand and success, Ironmark acquired a dedicated promotional products company, which came with staff well-versed in the ins and outs, as well as relationships with vendors

PRINTING PROCESS



CORE COMPONENTS OF PRINT





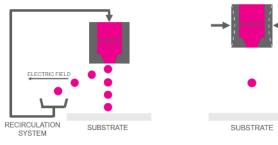
MANY TYPES OF PRINTING PROCESSES

DIGITAL PRINTING

TONER IS FUSED TO SUBSTRATE

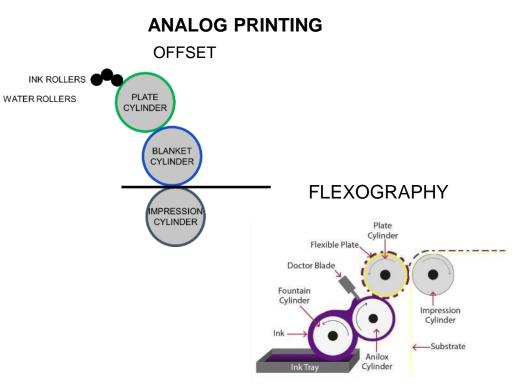
	++++	++++	
	- ++++++ +++++++	+++++++	
	++++	+++ -	
,		***	

INKJET



CONTINOUS INKJET

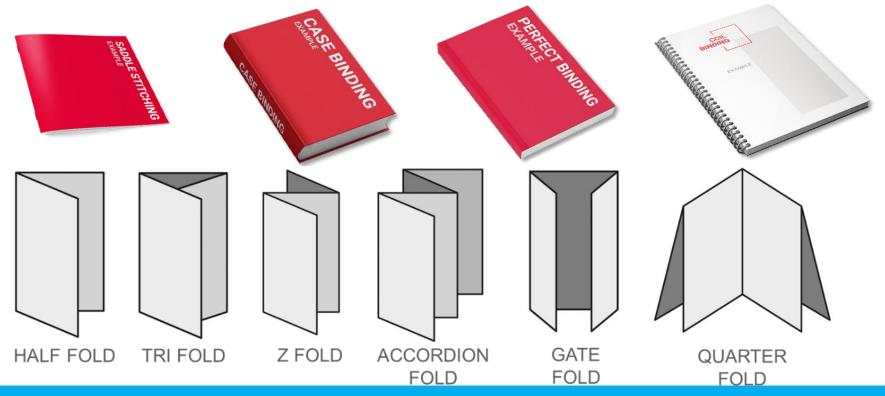
DROP-ON-DEMAND INKJET



NOT COMPLETE UNTIL FINISHED



BINDING AND FOLDING



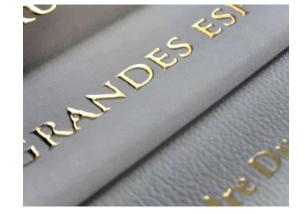
EFFECTS, SCORING, AND PERFORATING



DIGITAL SPOT VARNISH



EMBOSSING







FOIL STAMPING

NAPCORESEARCH

SCORING

PERFORATING

DIGITAL WIDE-FORMAT PRINTERS BY INK TYPE

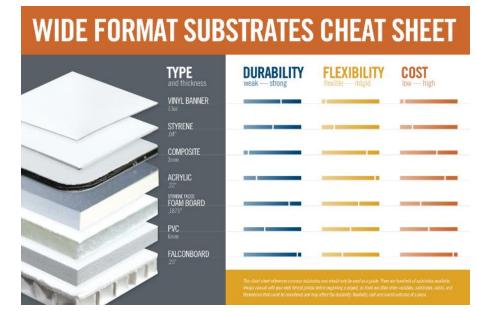
The oversized print work that is common in sign and display production is often produced on digital wide-format devices — typically in print widths greater than 24". Digital wide-format printers can be roll-fed devices, flatbed printers, or a combination of both (hybrid). Table summarizes the types of inks used in wide-format printing, their key applications, and strengths/weaknesses.

Technology	Applications	Strengths/Weaknesses
Aqueous (water-based)	Fine art, photography, posters (indoor)	 Strong image quality Low system cost Limited to indoor use
Dye-sublimation	Fabric, t-shirts, wall hangings	High qualityVery durableSpecialized focus
Latex	Indoor & outdoor graphics, textiles	Low system costApplication variety
Solvent	Outdoor graphics	 Low operating costs Image durability Environmental concerns
Eco-solvent	Indoor & outdoor graphics	Low initial investmentImage durability
UV-curable	Indoor & outdoor graphics	Image durabilitySubstrate flexibilityHigh system cost

MANY SUBSTRATE CHOICES

A core factor driving the creativity and diversity of applications is that digital wide-format printing devices can print on an extensive collection of media and substrates. Here is a sampling of common substrates used in producing signs and graphics:

- Paper and paperboard
- Vinyl
- Acrylic
- PVC
- Fabric
- Window film
- Foamcore
- Adhesive sheeting



Source: Suttle-Straus

FINISHING OPTIONS

Finishing is an essential component in the production of most sign and display graphic applications. Here is a list of common finishing options:

- Laminating and coating
- Mounting
- Sewing
- **Grommeting:** punching holes in a print and reinforcing with metal or plastic rings through which string or other material can be threaded and used to mount or secure a sign
- **Cutting**: options include diecutting with a shaped steel die that cuts the print into a shape, or laser cutting, which can create more elaborate and complex shapes or effects
- **Routing**: automates the cutting process and enables the creation of more elaborate patterns, grooves, and shapes
- **Tiling**: divides a large image into smaller pieces or tiles which are assembled like a giant jigsaw puzzle





https://spectrumsigns.com/

TIPS FOR GETTING STARTED



FINDING PRINT BUYERS: KEY JOB TITLES

- Merchandisers
- Visual Merchandisers
- Designers
- Purchasing Director
- Purchasing Manager
- Business Manager
- Marketing Executive
- Marketing Director
- Chief Experience Officer
- Event Manager
- Brand Manager
- Human Resources Director

- Marketing Coordinator
- Marketing Manager
- Store Manager
- Chief Marketing Officer
- Customer Relationship/ Loyalty Manager
- Communications Director
- Office Manager
- Product Manager
- Facilities Manager



READ PUBLICATIONS & WEBSITES ABOUT PRINT



www.piworld.com



www.printandpromomarketing.com



www.wideformatimpressions.com

JOIN INDUSTRY ORGANIZATIONS



Advertising Specialty Institute®



www.asicentral.com

www.printing.org



ATTEND PRINT TRADESHOWS



www.printingunited.com

Over a million square feet of equipment, technology, and trends on display

LEARN THE LINGO: GLOSSARIES AVAILABLE



Search

Membership Library Events Communities Tools Programs & Services Newsroom

Home > Library > Glossary

Glossaries are available online; we recommend www.printing.org/library/glossary

Glossary

The PRINTING United Alliance Glossary serves as an excellent industry terminology resource. It is the language by which we all communicate. Without it, universal understanding would be impossible.

To keep our constituents well informed about changes to the increasingly complex industry terminology, PRINTING United Alliance has developed this glossary of terms. Definitions are for general reference only. Usage may vary between companies, individuals, or national and country customs. The information presented is as accurate as the authors and editors can ascertain and PRINTING United Alliance assumes no responsibility for the use of information presented herein.

NAPCORESEARCH

Q

BEST-PRACTICE TIPS

- Assess the opportunity to sell print products to current customers.
- Speak with current customers about print needs.
- Choose products carefully and start by offering a limited number of products.
- Join associations such as ASI and PRINTING United Alliance.
- Form partnerships with print service providers. The industry is facing labor challenges and may need your services.
- Read industry publications and content.
- Attend PRINTING United, September 10-12 in Las Vegas (www.printingunited.com).

