



DIGITAL AUDIENCE PROFILE

ADVERTISE WITH PLUMBING & MECHANICAL

Plumbing & Mechanical provides information to manage and grow businesses in the plumbing, piping, hydronic/ radiant heating, geothermal, solar thermal and water treatment industries.

www.pmmag.com









BNP Media

Troy, MI

iCompli, a division of BPA Worldwide, has reviewed the BNP Media Audience Dashboard solution for conformance to the BPA Worldwide Standards and generally accepted information security management requirements.

Our examination was performed in accordance with BPA Worldwide Standards and generally accepted information security management requirements. Our examination included reviews of Platform Technology, Data Life Cycle Management, System Monitoring, Reporting, Access Controls, Software Development Life Cycle, Documentation, and Disclosures. The examination included those procedures we considered necessary in the circumstances to obtain a reasonable basis for rendering our opinion.

Based on our review, we are not aware of any material modifications that should be made to the BNP Media Audience Dashboard solution for recording, processing and reporting audience data.

iCompli, BPA Worldwide

iCompli, BPA Worldwide November 30, 2021



Audience Profile

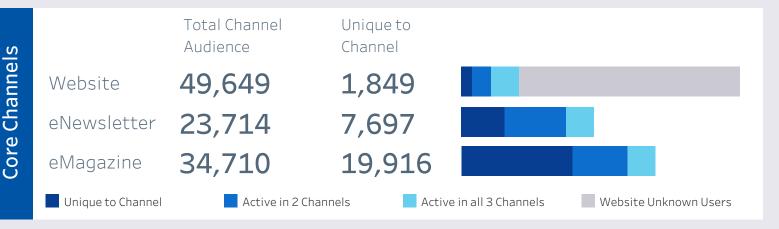
PLUMBING & MECHANICAL serves contractors in the plumbing/mechanical, piping, hydronic/radiant heating, geothermal, solar thermal and water treatment industries.

46,845

Unique Active Audience

66%

Engaged



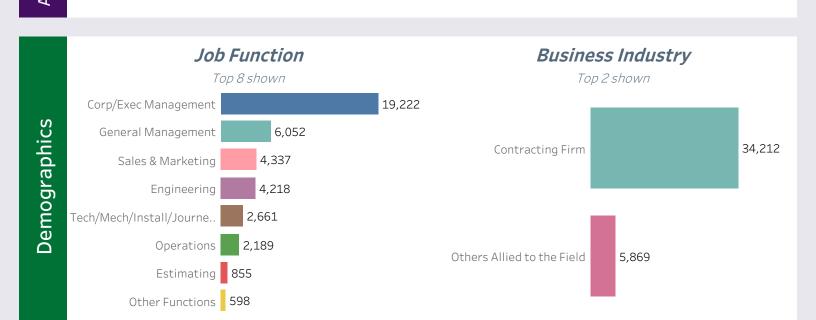
118 Webinar Average Registrants

13,821

Standard eBlast Delivery

16,049 Social Media Total Followers

40,081 responses



40,132 responses

Audience Profile Glossary



UNDERSTANDING AUDIENCE PROFILE DASHBOARD

Time Frame - As of Last day of Month shown

Total Audience:

Unique Active Audience: Number of unique active customers with known first-party data active within product specific time frames for all products.

Engaged: Number of engaged customers with known first-party data within product specific time frames for all products.

* Product-specific time frames for each Channel may be found in Table A.

Core Channels

The three core channels are Website, eNewsletter, and eMagazine.

- Total Channel Audience: Total number of customers for specified product.
- Unique to Channel: Number of unique customers active only in specified channel.
- Active in 2 Channels: Number of unique customers active in two channels. Examples: A customer is active within Website and eNewsletter channels but not eMagazine. Or a customer is active within eNewsletter and eMagazine channels but not the Website.
- Active in all 3 Channels: Number of unique customers active in all three channels.
- Website Unknown Users: Number of total users who visited the website within the specified time frame
 who are not accounted for in the BNP Media database. The number of Unique Website Users may be higher than shown due to the number of unknown users.

Additional Channels

Additional channels may include Webinars, Events, Continuing Education (CE), eBlast, Social Media.

- Webinar Average Registrants (if applicable): Average registrants per webinar.
- Unique Event Registrants (if applicable): Average registrants per event.
- **CE Active Registered Users** (*if applicable*): Total active registered users for the Continuing Education Center.
- Standard eBlast Delivery (sponsored only): Delivery count of a typical eBlast within the last 3 months.
- Social Media Total Followers (if applicable): Follower counts by channel for the most recent month.

Demographics

- **Job Function:** Top job functions of the Unique Active Audience.
- Business Industry: Top business industries of the Unique Active Audience.

Table A

* BNP Media uses a proprietary algorithm to calculate the number of active and engaged users for each channel based on the time frames listed in the table below.

	Active Criteria	Engaged Criteria
Website	6 Months	6 Months
eNewsletter	Included in most recent list	6 Months
e <i>Magazin</i> e	Included in most recent list	12 Months
Webinar	12 Months	18 Months
Event	18 Months	18 Months
Continuing Education	13 Months	13 Months
eBlast	Included in most recent list	6 Months



eMagazine - Summary







eMagazine Notification Email Metrics

Issue Name	Sends	Unique Delivered	* Unique Opens	* Open Rate	otal Clicks	CTR
December 2023	4	33,325	12,860	38.6%	1,434	2.2%
January 2024	4	34,525	13,690	39.7%	1,573	2.3%
February 2024	4	33,828	13,766	40.7%	2,540	3.8%

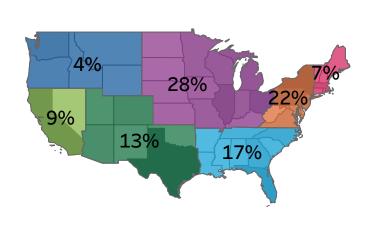
^{*} Due to Apple Mail Privacy enabled on user devices, open rates may be inflated as of November 2021. Clicks are not impacted.



eMagazine - Subscriber Demographics & Locations

Demographic - Job Function Top 8 Shown Corp/Exec Management 16,861 General Management 5,130 Sales & Marketing 3,580 Engineering 3,365 Tech/Mech/Install/Journeyman 2,025 Operations 1,851 Estimating 715 Other Functions 283

Contracting Firm 29,610 Others Allied to the Field 4,200 33,810 or 100% of subscribers with responses



33,810 or 100% of subscribers with responses

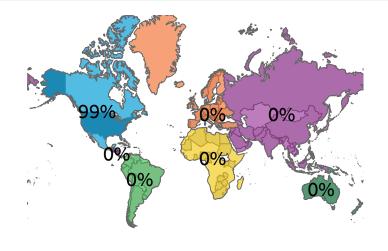
Midwest 8,306 Mid-Atlantic 6,635 Southeast 5,049 Southwest 3,813 West 2,651 Unknown US 2,573 Northeast 2,092

1,259

Northwest 1,
Non-Continental US 219

Unique Subscribers by Region

96% of subscribers are located in the US



Unique Subscribers by Region



3% of subscribers are located internationally





UNDERSTANDING MAGAZINE AUDIENCE DASHBOARD eMAGAZINE SUMMARY

Time Frame

3 months

KPIs

- Total Qualified Subscribers: Active digital subscribers as of the most recent issue.
- Average Issue Pageviews: The average monthly pageviews on the eMagazines.

Activity by eMagazine Issue

- Issue Date: eMagazine issue date.
- **Sessions:** Number of times users interacted with the eMagazine. Sessions are terminated after 30 minutes of inactivity.
- **Session Duration (min):** The average session length.
- Pageviews: The total number of eMagazine pageviews.

eMagazine Notification Email Metrics

- Monthly Sends: Total number of notification emails deployed per issue.
- **Delivered:** Number of unique email subscriber addresses eMagazine notification emails were delivered to for this issue.
- **Unique Opens:** Number of unique subscriber email addresses who opened any notification email for this issue.
- Open Rate: Ratio of unique Opens to Delivered.
- Total Clicks: Number of subscribers who clicked a link within a particular notification email.
- CTR: Click Through Rate is the percentage of subscribers who click on a link within the notification email.



eNewsletters



Active Unique Recipients

23,714



% of Recipients Engaged

67%



Sends per Month

3

9,120 * Total Engaged Recipients (54%)

Recipient Activity by eNewsletter Over the Last 3 Months

Average

eNewsletter Name

Delivered

5,998 * Unique Opens - Single Send Avg (36%)

PM eNews Report

16,715

16,715



Engaged Recipient: Any recipient who opened at least one email of this type in the report time frame.

Unique Opens - Single Send Avg Unique Opens - All Sends Delivered

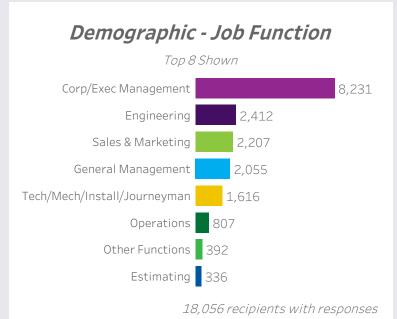
eNewsletter Activity Averages

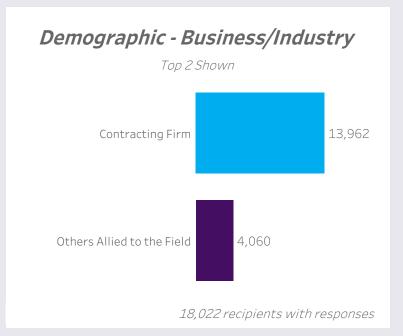
eNewsletter Name	Monthly Sends	Delivered	* Unique Opens	* Open Rate	Total Clicks	CTR
PM eNews Report	1.0	16,715	5,998	35.9%	783	4.7%
Radiant & Hydronics	2.0	15,383	6,531	42.5%	1,011	6.6%

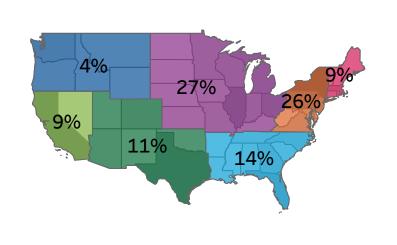
^{*} Due to Apple Mail Privacy enabled on user devices, open rates may be inflated as of November 2021. Clicks are not impacted.



eNewsletters - Recipient Demographics & Locations





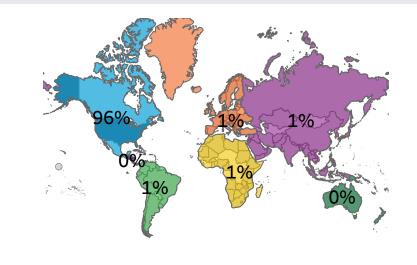


Midwest 5,054 Mid-Atlantic 4,809 Unknown US 3,141 Southeast 2,521 Southwest 1,951 West 1,685 Northeast 1,635

Unique Recipients by Region

Northwest 749

93% of recipients are located in the US



Unique Recipients by Region

North America		22,360
Asia	346	
Europe	230	
Africa	144	
South America	122	
Oceania	93	
Central America	26	

7% of recipients are located internationally



eNewsletter Audience Glossary

UNDERSTANDING ENEWSLETTER AUDIENCE DASHBOARD

Time Frame

3 Months

KPIs

- Active Unique Recipients: Number of unique email addresses that received any brand eNewsletter in the 3-month period.
- % of Recipients Engaged: Percent of recipients who opened* any eNewsletter.
- **Sends / Month:** Total eNewsletters sent per month.

Recipient Activity by eNewsletter

- Average Delivered: The average number of emails delivered per eNewsletter.
- *Unique Opens, Single Send Avg:* Average unique opens* (uniqueness calculated for each email sent) for all emails sent.
- Total Engaged Recipients: Number of unique Recipients who have opened* one or more of the
 delivered emails.

eNewsletter Activity Averages

- Monthly Sends: Total number of eNewsletters deployed per month.
- **Delivered:** Average number of eMails, per eNewsletter, deployed per month.
- Unique Opens: Average number of unique Recipients (delivered) who opened* a particular eNewsletter.
- Open Rate: The ratio of Unique Opens* to Delivered.
- Total Clicks: Average number of recipients who clicked a link within a particular eNewsletter.
- CTR: Click Through Rate is the percentage of recipients who click on a link within the eNewsletter.

^{*}Due to Apple Mail Privacy enabled on user devices, opens/open rates may be inflated as of November 2021. Clicks are not impacted.



Website - www.pmmag.com





Average Monthly Sessions

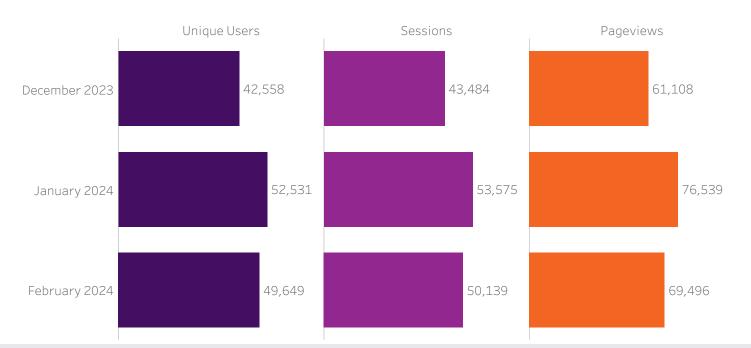
49,066



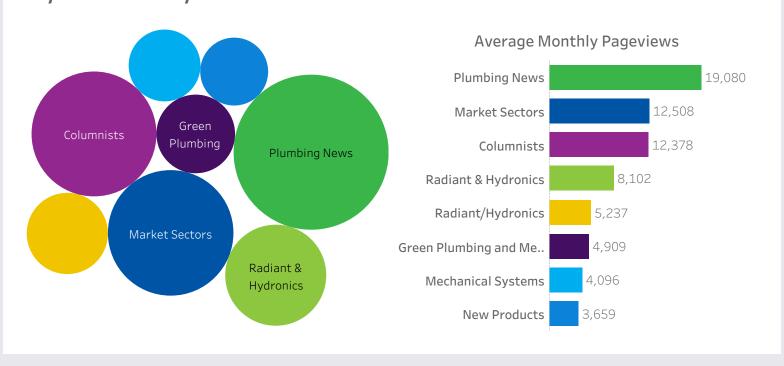
Average Monthly Pageviews

69,048

Monthly Website Statistics



Top 8 Content Topics Viewed





Website - Known User Activity



Active Registered Users

3,182



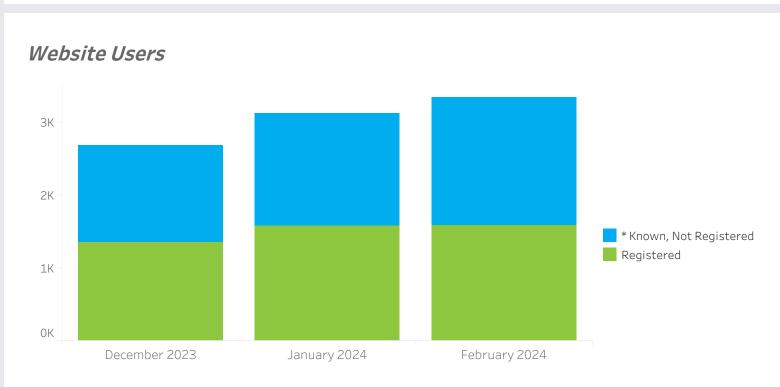
Active Known Users

7,908

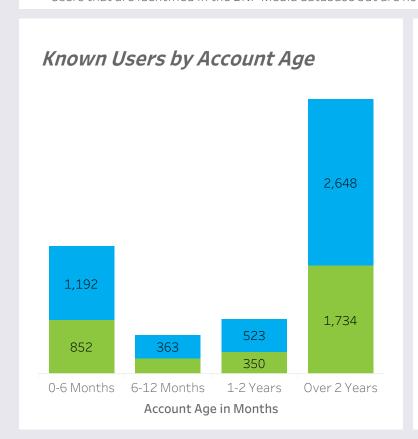


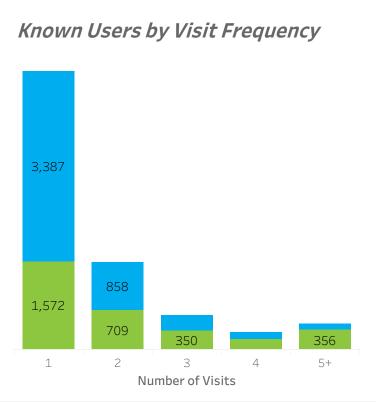
Average Visits per User

1.9





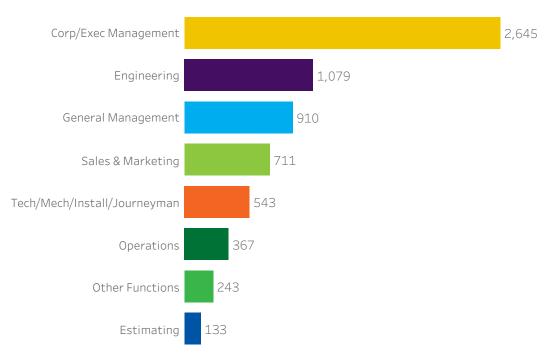






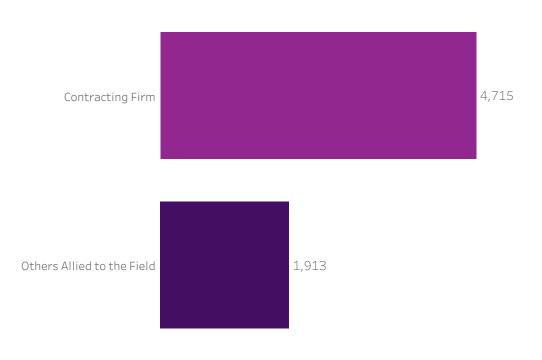
Website - User Demographics

Demographic - Job Function Top 8 Shown



6,631 or 84% of users with responses

Demographic - Business/Industry Top 2 Shown



6,628 or 84% of users with responses



Website - User Locations



% of Users Based in US

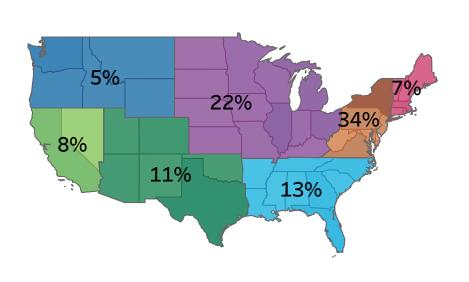
81%



Average Monthly Users Based in US

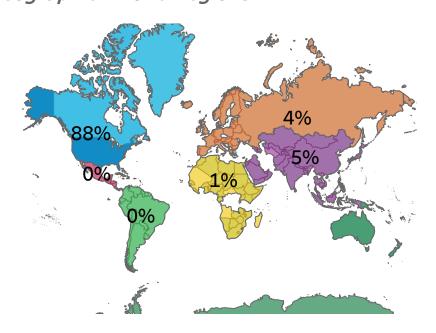
40,174

Geographic - US Regions

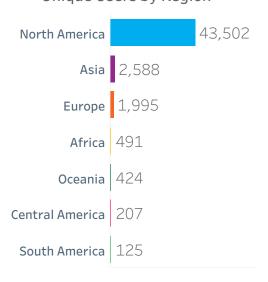


Unique Users by Region 13,314 Mid-Atlantic 8,492 Midwest 5,244 Southeast 4,308 Southwest 3,221 West 2,641 Northeast 2,119 Northwest Non-Continental US 257

Geographic - World Regions



Unique Users by Region







UNDERSTANDING WEBSITE AUDIENCE DASHBOARD

Time Frame

3-months

User Classifications

- **Registered:** Users that have completed the registration form for this website.
- **Known, Not Registered:** Users that are identified in the BNP Media database but are not registered with this website.

KPIs

- Active Registered Users: Number of unique users who registered on the website, at any time, and visited the website within the 3-month time frame.
- Active Known Users: Number of unique users with known first-party data, regardless of website registration status, who visited the website within the 3-month time frame.
- Average Visits per User: The ratio of visits, by known users, to the number of known users.

Web Users

• Number of users who were active on the website each month, colored by user classification.

Known Users by Account Age

 Number of users who visited the website within the 3-month time frame and have been in the BNP Media database for the account age listed, colored by user classification.

Known Users by Visit Frequency

Number of times users visited the website within the 3-month time frame, colored by user classification.





UNDERSTANDING WEBSITE KNOWN USERS DASHBOARD

Time Frame

3-months

KPIs

- Average Monthly Users: Average number of monthly users who have had at least one session on the website.
- **Average Monthly Sessions:** Average number of monthly sessions on the website. A session is anytime a user has interacted with the website.
- Average Monthly Pageviews: Average number of total monthly pageviews on the website.

Web Visitors

- Users: Number of Users per month.
- **Sessions:** Number of times users interacted with the digital edition. Sessions are terminated after 30 minutes of inactivity.
- Pageviews: Number of Pageviews per month.

Top 8 Content Topics

• Average monthly pageviews for the top 8 content topics on the website.



Sponsored eBlasts



Total Average Delivered *15,266*



% of Recipients Engaged



Sends per Month

Activity by eBlast

Sponsorship Type

Avg

Delivered

Exclusive

15,417



6,191 * Unique Opens - Single Send Avg (40%)

14,485 * Total Engaged Subscribers (56%)

Multi-Sponsored

13,602



5,421 * Unique Opens - Single Send Avg (40%)

Engaged Subscriber: Any subscriber who opened at least one email of this type in the report time frame.

Unique Recipients

Unique Opens - Single Send Avg

Unique Opens - All Sends

eBlast Activity Averages

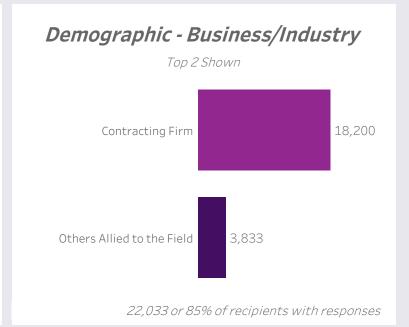
eBlast Name	Sponsorship Type	Monthly Sends	Delivered	* Unique Opens	* Open Rate	Total Clicks	CTR
Plumbing & Mechanical	Exclusive	3.7	15,417	6,191	40.2%	225	1.5%
	Multi-Sponsored	0.3	13,602	5,421	39.9%	134	1.0%

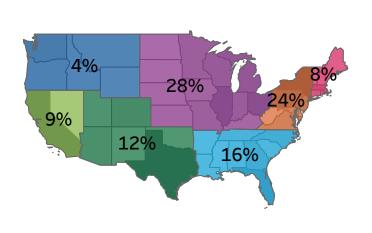
^{*} Due to Apple Mail Privacy enabled on user devices, opens/open rates may be inflated as of November 2021. Clicks are not impacted.



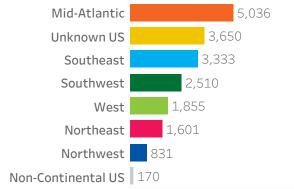
Sponsored eBlasts - Recipient Demographics & Locations

Demographic - Job Function Top 8 Shown 10,643 Corp/Exec Management 2,998 General Management Engineering 2,612 Sales & Marketing 2,443 Tech/Mech/Install/Journeyman 1,492 Operations 1,052 Estimating 426 Other Functions 377 22,043 or 85% of recipients with responses

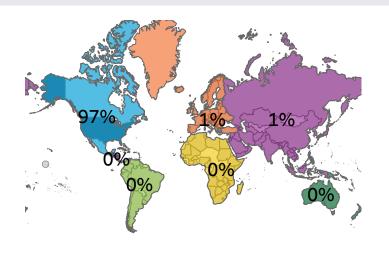




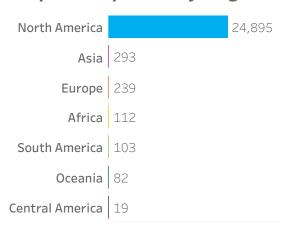
Unique Recipients by Region Midwest 5,791



96% of recipients are located in the US



Unique Recipients by Region



4% of recipients are located internationally





UNDERSTANDING eBLAST AUDIENCE DASHBOARD

Time Frame

3 Months

KPIs

- Total Average Delivered: The number of eBlasts (Advertising emails) delivered, excluding bounces.
- % of Recipients Engaged: The percentage of recipients who have opened* an eBlast.
- Sends per Month: The average number of delivered Advertising eBlasts per month.

Activity by eBlast

- Exclusive Sponsorship Type: Single advertiser.
- Multi-Sponsored Sponsorship Type: Multiple advertisers.
- Average Delivered: The average number of emails delivered per eBlast.
- *Unique Opens, Single Send Avg:* The average unique opens* (uniqueness calculated for each email sent) for all emails sent.
- **Total Engaged Subscribers:** The number of unique recipients who have opened* one or more of the delivered emails.

eBlast Activity Averages

- Monthly Sends: Total number of eBlasts deployed per month.
- **Delivered:** Average number of eMails, per eBlast, deployed per month.
- Unique Opens: The average number of unique recipients (delivered) who opened* a particular eBlast.
- Open Rate: The ratio of Unique Opens* to Delivered.
- Total Clicks: Average number of recipients who clicked a link within a particular eBlast.
- CTR: Click Through Rate is the percentage of recipients who click on a link within the eBlast.

^{*}Due to Apple Mail Privacy enabled on user devices, opens/open rates may be inflated as of November 2021. Clicks are not impacted.



Social Media

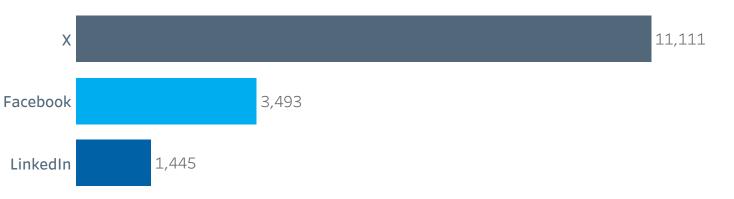


Total Social Media Followers

16,049



Followers by Channel



Total Engagements



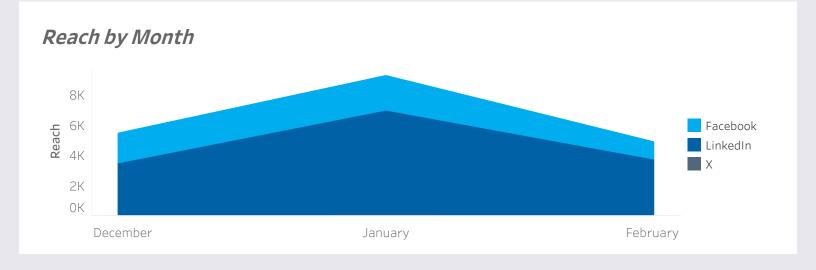
167



0



702





Social Media Audience Glossary

UNDERSTANDING SOCIAL MEDIA AUDIENCE DASHBOARD

Time Frame

3 Months

KPIs

- **Total Social Media Followers:** The total number of social media followers per brand, as of the report date (not unique across all channels).
- Engagements: The reactions, comments, and shares on a post. Clicks are not included.

Followers by Channel

Breakdown of followers by the specific social network.

Total Engagements

Total engagements by social network.

Reach by Month

• Breakdown by social network of the total reach by month. (No data for LinkedIn).



Webinars



Unique Registrants

321



Unique Attendees

147



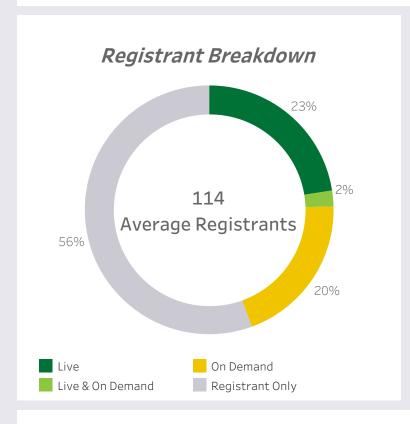
Registrant Attendance Rate

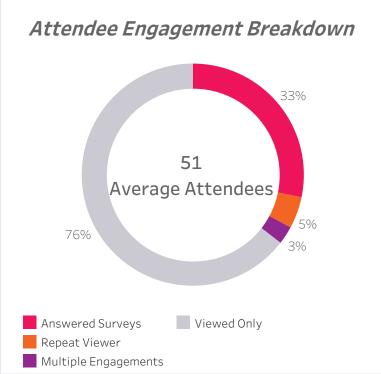
46%

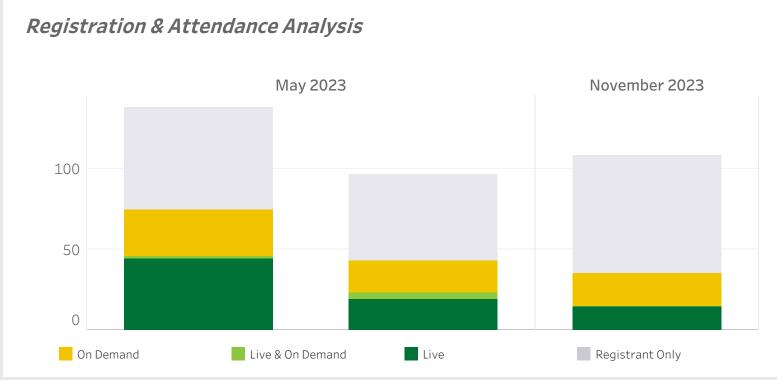


Average Attendees per Webinar

51

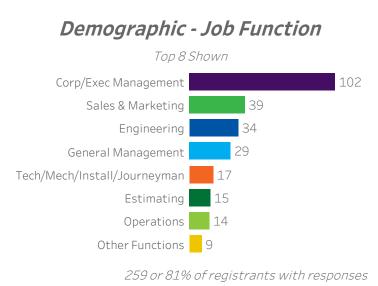


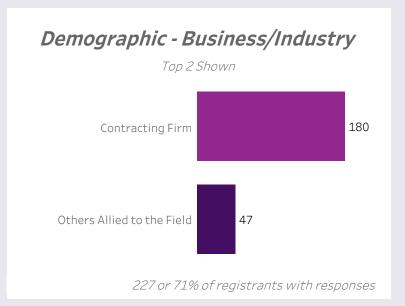


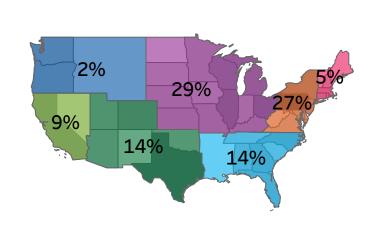


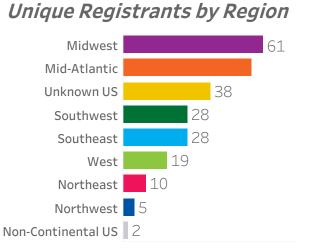


Webinars - Registrant Demographics & Locations

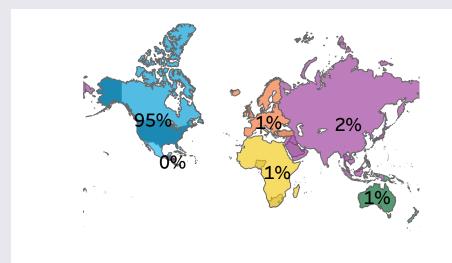




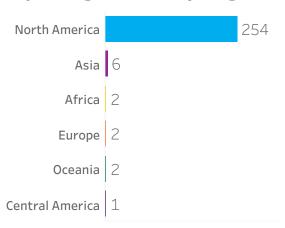




93% of registrants are located in the US



Unique Registrants by Region



7% of registrants are located internationally





UNDERSTANDING WEBINAR AUDIENCE DASHBOARD

Time Frame

3 months. If there were less than 5 webinars in the most recent 3 months, the time frame is extended (up to 1 year) to include the 5 most recent webinars.

KPIs

- *Unique Registrants:* The number of unique registrants across all webinars.
- Unique Attendees: The number of unique attendees across all webinars.
- Registrant Attendance Rate: The ratio of average attendance to average registration.
- Average Attendees per Webinar: The average number of attendees per webinar.

Registrant Breakdown

- Average Registrants: The average number of registrants per webinar.
- Registrant Only: Percentage of average registrants who did not attended webinar.
- Live: Percentage of average registrants who attended the live webinar.
- On Demand: Percentage of average registrants who viewed the webinar at a later date than the live webinar.
- Live & On Demand: Percentage of average registrants who attended the webinar live and viewed the webinar at a later date.

Attendee Engagement Breakdown

- Attendees: Average number of attendees per webinar.
- Answered a Survey: Percent of average attendees who responded to a survey question within a
 webinar.
- Downloaded Documents: Percent of average attendees who downloaded a document within a
 webinar.
- **Multiple Engagements:** Percent of average attendees who responded more than once and/or in more than one way, within a webinar.
- Repeat Viewer: Percent of average attendees who viewed a webinar several times.
- Answered Polls: Percent of average attendees who responded to a poll question within a
 webinar.
- Viewed Only: Percent of average attendees who only viewed a webinar.

Registration & Attendance Analysis

 Number of unique registrants and attendees per webinar, colored by the type of viewing engagement.



UNDERSTANDING AUDIENCE PROFILE DASHBOARD DEMOGRAPHICS & LOCATIONS

Time Frame

See product specific glossary page

Demographic - Job Function

• Number of customers identified by Job Functions reported.

Demographic - Business/Industry

• Number of customers identified by Business & Industry reported.

Geographic - US Regions

- Mid-Atlantic: Delaware, Maryland, New Jersey, New York, Pennsylvania, Virginia, Washington D.C. and West Virginia
- Midwest: Indiana, Illinois, Wisconsin, Minnesota, Iowa, Kansas, Kentucky, Michigan, Missouri, Nebraska, North Dakota, Ohio and South Dakota
- West: California and Nevada
- **Southeast:** Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee
- Southwest: Arizona, Colorado, New Mexico, Oklahoma, Texas and Utah
- Northeast: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont
- Northwest: Idaho, Montana, Oregon, Washington and Wyoming
- Non-Continental US: Alaska, American Samoa, APO/FPO, Guam, Hawaii, Northern Mariana Island, Puerto Rico and U.S. Virgin Islands

Geographic - World Regional

- North America: Canada, Mexico and U.S.A.
- Asia: Continent of Asia, including Asia minor and Middle East
- **Europe:** Continental European nations (including United Kingdom and Ireland)
- Oceana: Australia, New Zealand and surrounding Pacific Island nations
- **South America:** Continental South American nations
- Africa: Continental African nations
- Central America: Costa Rica, Guatemala, Honduras, Panama and Nicaragua

Audience Profile Glossary DEMOGRAPHICS APPENDIX (JOB FUNCTION)

Display Name	Included Demographics		
Corp/Exec Management	Corporate/Executive Management		
Engineering	Eng for Maintenance/(MRO)		
	Engfor Mech Systems Design/Spec		
	Engineering		
	Facility Engineering		
	Other Engineering		
Estimating	Estimating		
General Management	General Management		
Operations	Operations		
Other Functions	Consulting		
	Must Pay		
	Need More Information		
	Other		
	Purchasing		
Sales & Marketing	Sales & Marketing		
Tech/Mech/Install/Journeyman	Tech/Mech/Install/Journeyman		

Audience Profile Glossary
DEMOGRAPHICS APPENDIX (BUSINESS INDUSTRY)

Display Name	Included Demographics			
Contracting Firm	Contracting Firm			
	Drain & Sewer Contracting Firm			
	Drilling/Well Services			
	Facility/Maintenance Contracting			
	HVACR			
	Hydronic/Radiant Heating Contracting Firm			
	Mechanical Contracting Firm			
	Other Contracting Firm (please specify)			
	Plumbing Contracting Firm			
	Pump Installation			
	Sheet Metal			
	Solar/Thermal Contracting Firm			
Others Allied to the Field	Architectural/Design Firm			
	Consulting Engineering			
	Consulting Firm			
	Controls Contracting/Systems Integration			
	Distributor			
	Electrical Engineering			
	Engineering Firm			
	Facility Engineering/In-House Eng			
	Facility Management			
	Government/Military Facility			
	Manufacturer			
	Manufacturers Rep			
	Mechanical Engineering			
	Must Pay			
	Need More Information			
	Operating Engineering			
	Other (please specify)			
	Other Engineering Firm			
	Systems Engineering			
	Wholesaler			





DATA SOURCE REFERENCE (PAGE 1)

BNP Customer Database - omeda.com

Primary source of record for all first party customer data and activities including: Subscriber Registrations, Demographics, Physical Addresses, Business & Job Function Demographic responses, Product Subscriptions, Email Deployments, Website Visits, eMagazine Visits, Digital Edition Visits.

Usage by Report Section

Audience Profile

- Unique Active Customers
- Print Magazine, Digital Edition, eMagazine: Subscriber Counts
- eNewsletter: Recipients, Engagement, Sends
- eBlasts: Delivered, Engagement, Sends
- Website: Active Registrants
- **Demographics:** Job Functions & Business Industry mapped to consolidated categories as per Demographic Mapping Reference
- Locations: Locations of known customers with first party address data

Magazine/eMagazine

- Magazine Summary: All data
- eMagazine/Digital Edition Summary: Total Qualified Subscribers, Notification eMail Metrics
- **Demographics:** Job Functions & Business Industry mapped to consolidated categories as per Demographic Mapping Reference
- Locations: Locations of known customers with first party address data

eNewsletters

All Pages: All data

Website

- Known User Activity: All data
- **User Demographics:** Job Functions & Business Industry mapped to consolidated categories as per *Demographic Mapping Reference*

eBlasts

All Pages: All data

Continuing Education

- Websites & eNews: eNews Delivery, Activity by eNewsletter
- Demographics: Job Functions & Business Industry mapped to consolidated categories as per Demographic Mapping Reference
- Locations: Locations of known customers with first party address data

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Events

- **Demographics:** Job Functions & Business Industry mapped to consolidated categories as per Demographic Mapping Reference
- Locations: Locations of known customers with first party address data

Webinars

- Demographics: Job Functions & Business Industry mapped to consolidated categories as per Demographic Mapping Reference
- . Locations: Locations of known customers with first party address data

Google Analytics - google.com/analytics

Web Analytics service offered by Google that tracks and reports website traffic. Used to track all usage (known & anonymous) across websites, eMagazines, Digital Editions, Continuing Education.

Usage by Report Section

Audience Profile

- Website: Average Monthly Users, Average Monthly Pageviews
- Continuing Education: Monthly Website Pageviews

eMagazine/Magazine

• eMagazine/Digital Edition Summary: Issue Pageviews, Sessions, Session Duration

Website

- Website Overview: Website Users, Sessions, Pageviews, Top Content Topics
- **User Locations:** Website User Locations

Continuing Education

• Websites & eNews: Monthly Website Pageviews, All Website Visitors data

Falcon Social Media Platform - falcon.io

Single platform management and analytics for Facebook, Twitter, Instagram, LinkedIN accounts. falcon.io

Usage by Report Section

Audience Profile

Social Media: Follower Count by Channel

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DATA SOURCE REFERENCE (PAGE 3)

Social Media

All Pages: All data

Building Media Inc. - buildingmedia.com

Developer of innovative online learning management programs and e-Learning courseware built exclusively for the construction community. Hosts and manages Continuing Education Centers.

Usage by Report Section

Audience Profile

• Continuing Education: Active Registered Users

Continuing Education

- Websites & eNews: Active Registered Users
- CE Courses & Tests: All data

Aventri - aventri.com

Event Management Platform used to process registration and administration of in person, virtual and hybrid events.

Usage by Report Section

Audience Profile

Events: Average Attendees per Event

Events

Event Overview: All data

Intrado - intrado.com

Webinar and interactive media platform. Technology and administration of Webinars.

Usage by Report Section

Audience Profile

• Webinars: Average Registrants, Average Attendees

Webinars

· Webinars Overview: All data