

The Era of Automation for Industrial Manufacturers: A Business Case for Revolutionizing Catalogs



Agenda

- **Challenges with data-driven marketing in this omni-channel world**
- **Introduction to Akeneo Product Cloud**
- **How to leverage Akeneo and InBetween for print automation**
- **Collateral types in print**
- **The business case for print automation**





Lorcan McGann



Jeff Bridges

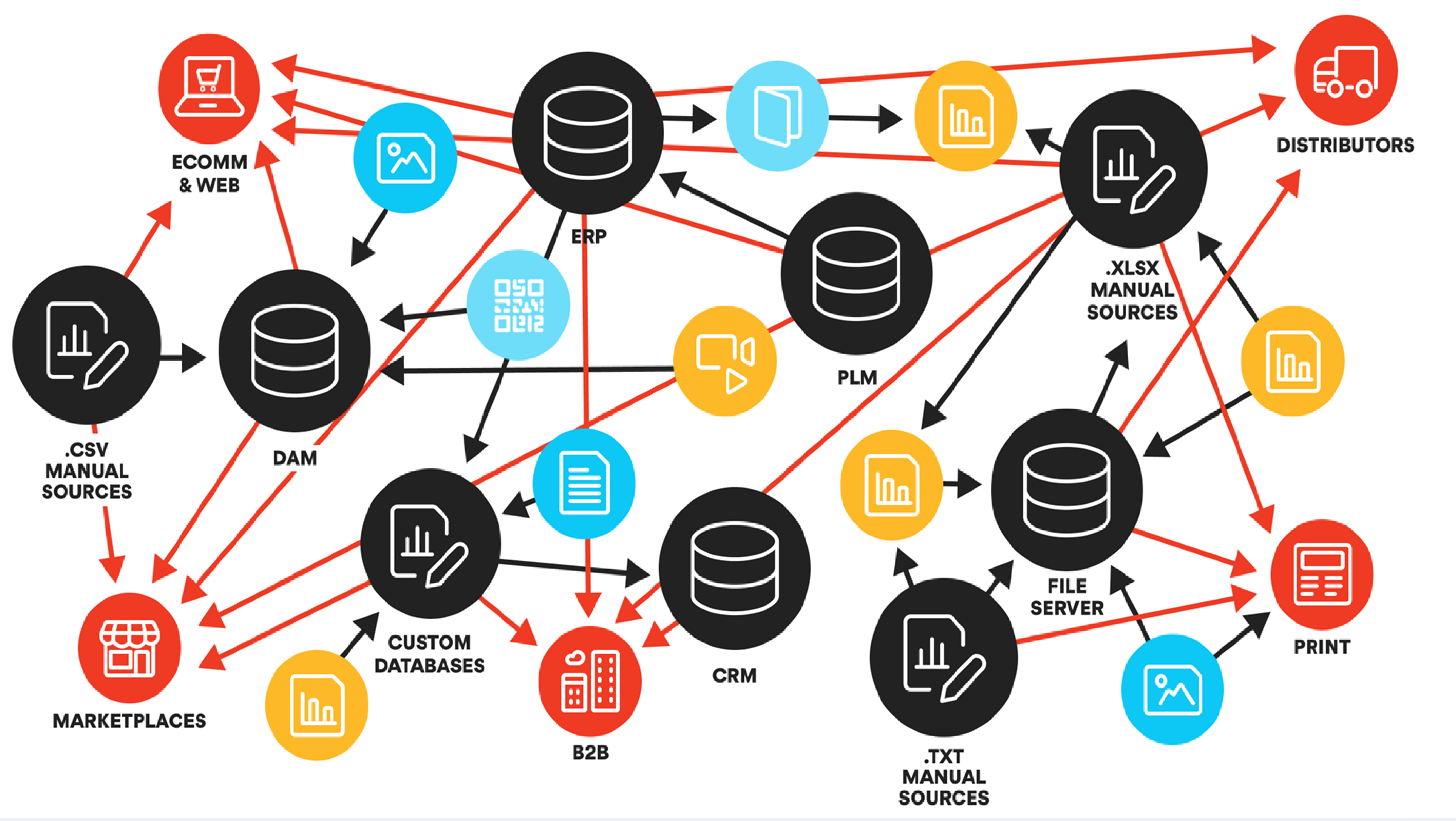


Peter Flory



What are some of the challenges
manufacturers have managing product
data?





What are some of the challenges for manufacturers who need data-driven marketing in this omni-channel world?



A modern PIM

at the center of your PXM ecosystem

1 Manage data from any source

2 Enrich and Control the quality of your product information

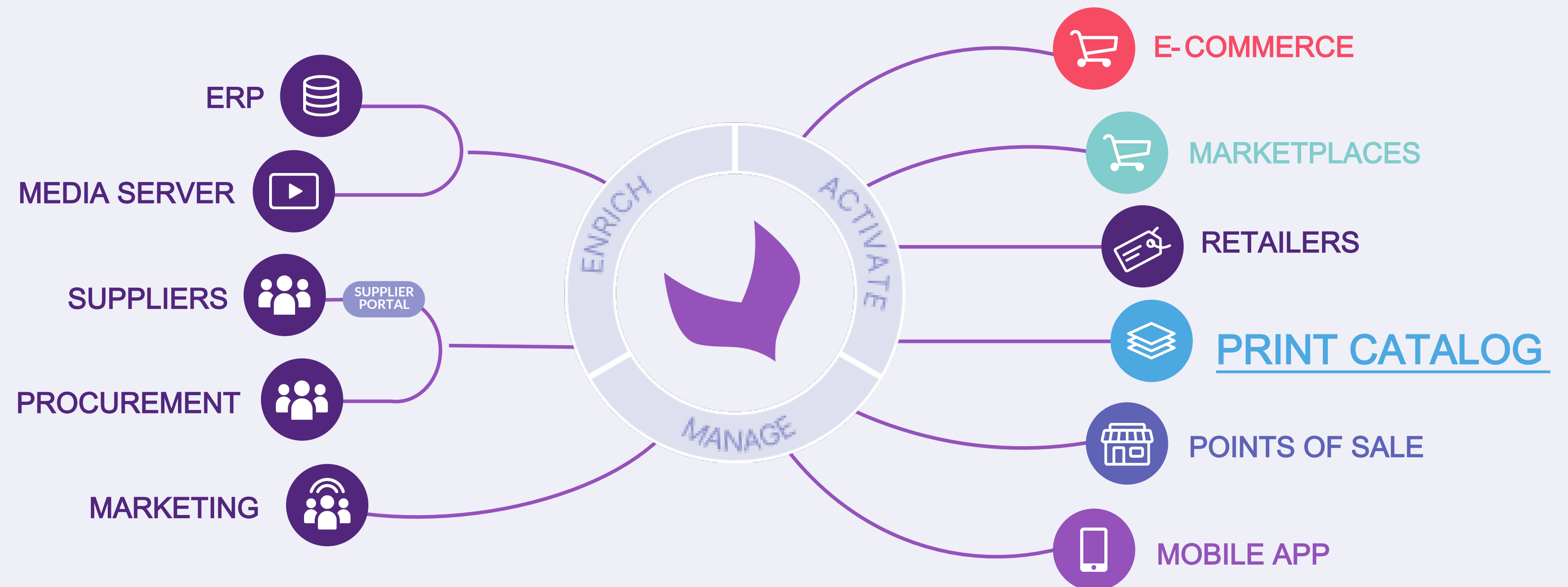
3 Activate to all channels

Connect to any source

Quickly add new sources

Get information faster

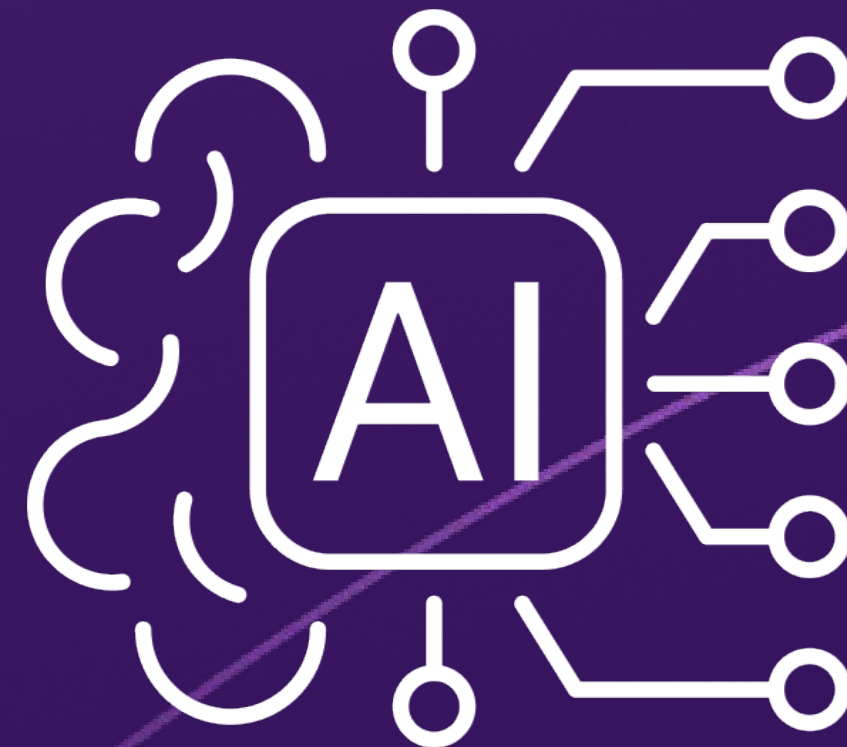
Map product data



Introduction to



akeneo product cloud



Akeneo Today



400+



10+



80K+



550+



170+

Akeneo Employees

Countries

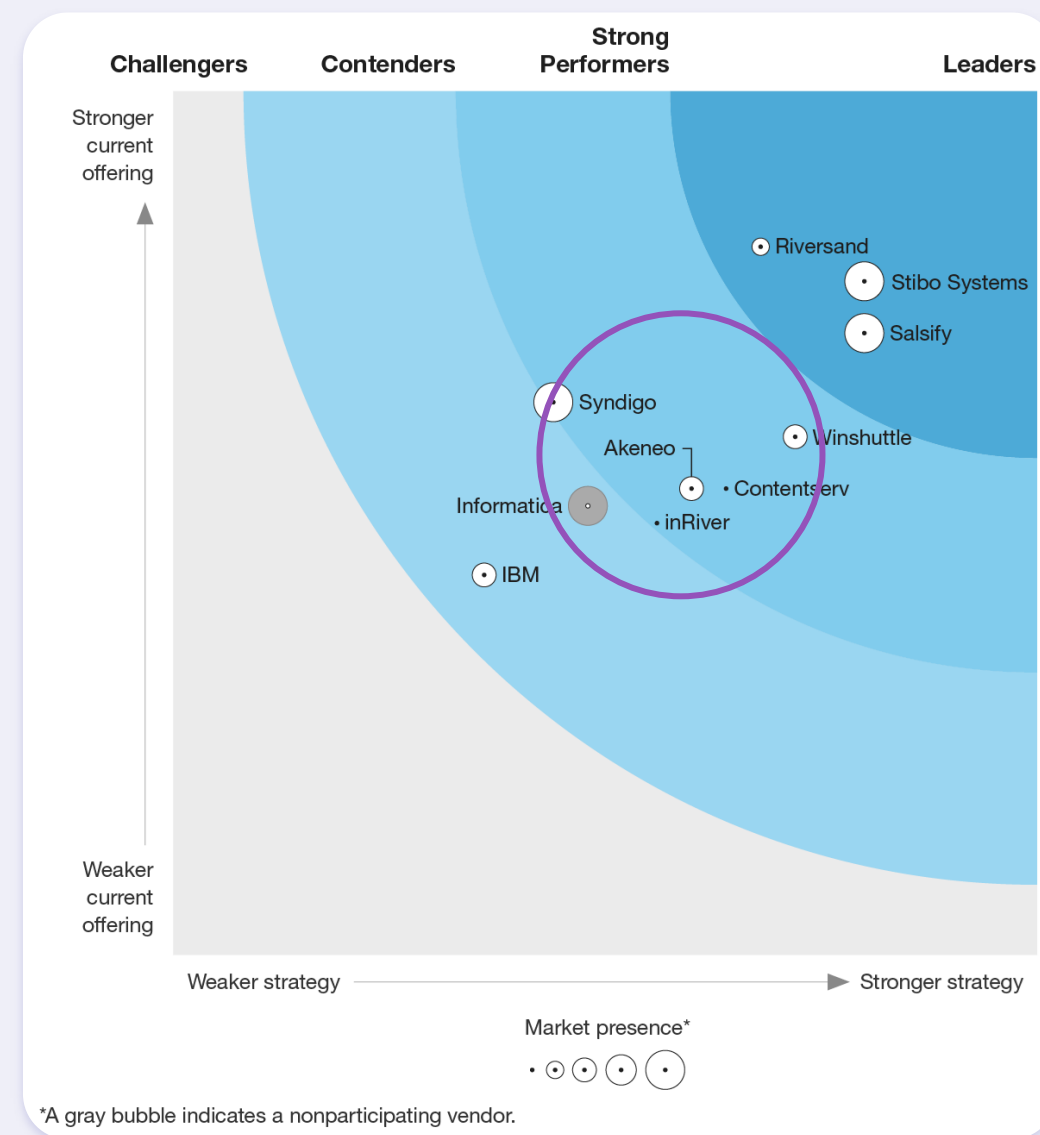
Downloads

EE Customers

Partners



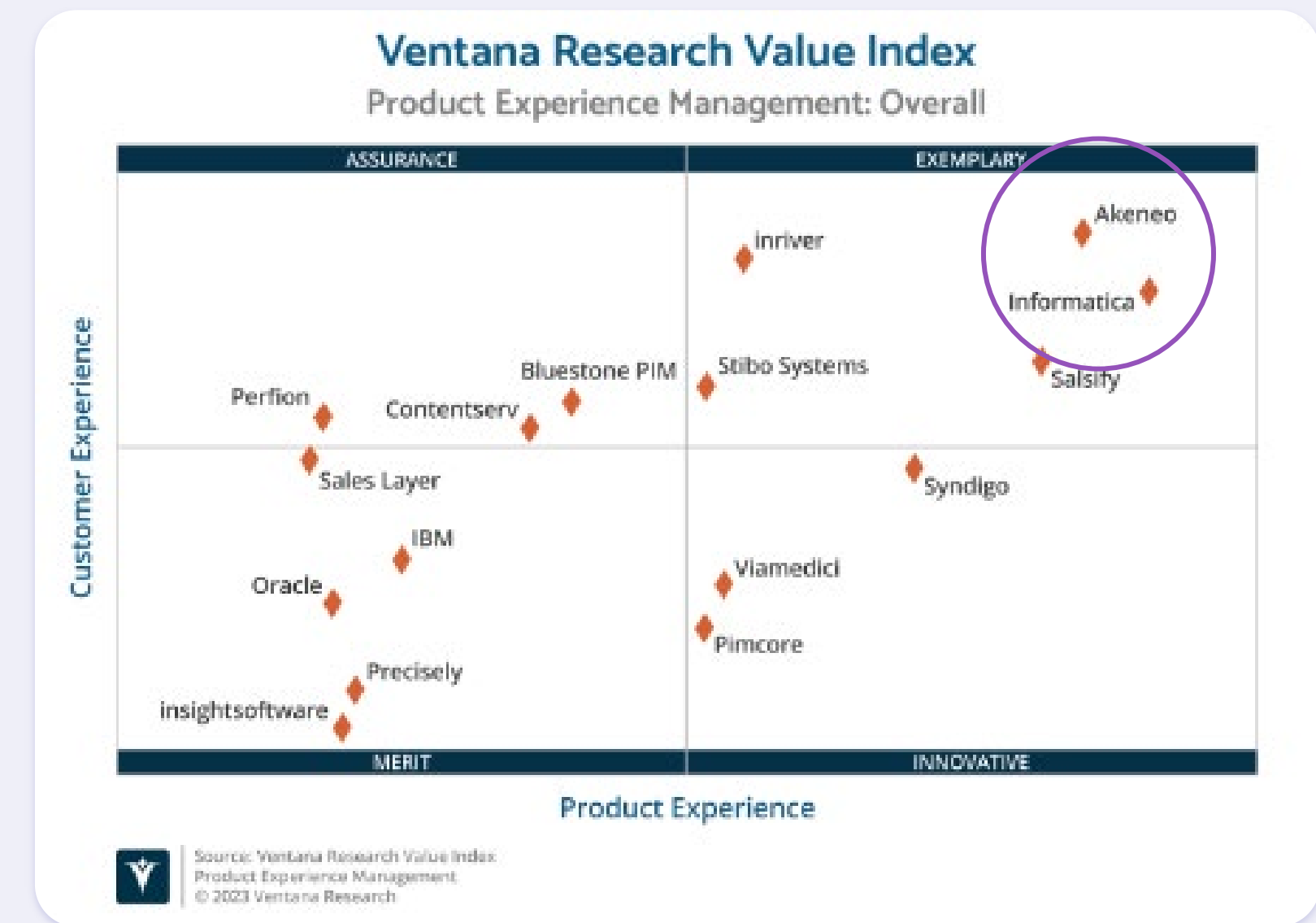
Recognized as a market leader



Forrester Wave Report



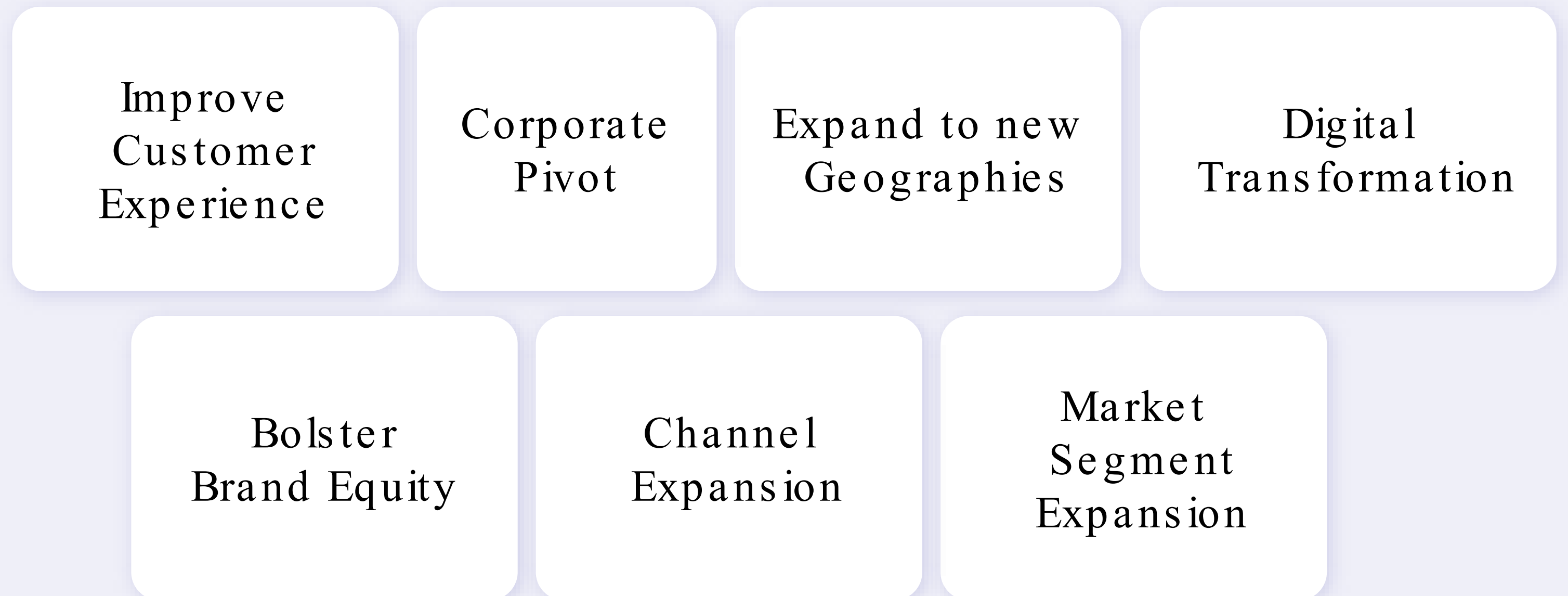
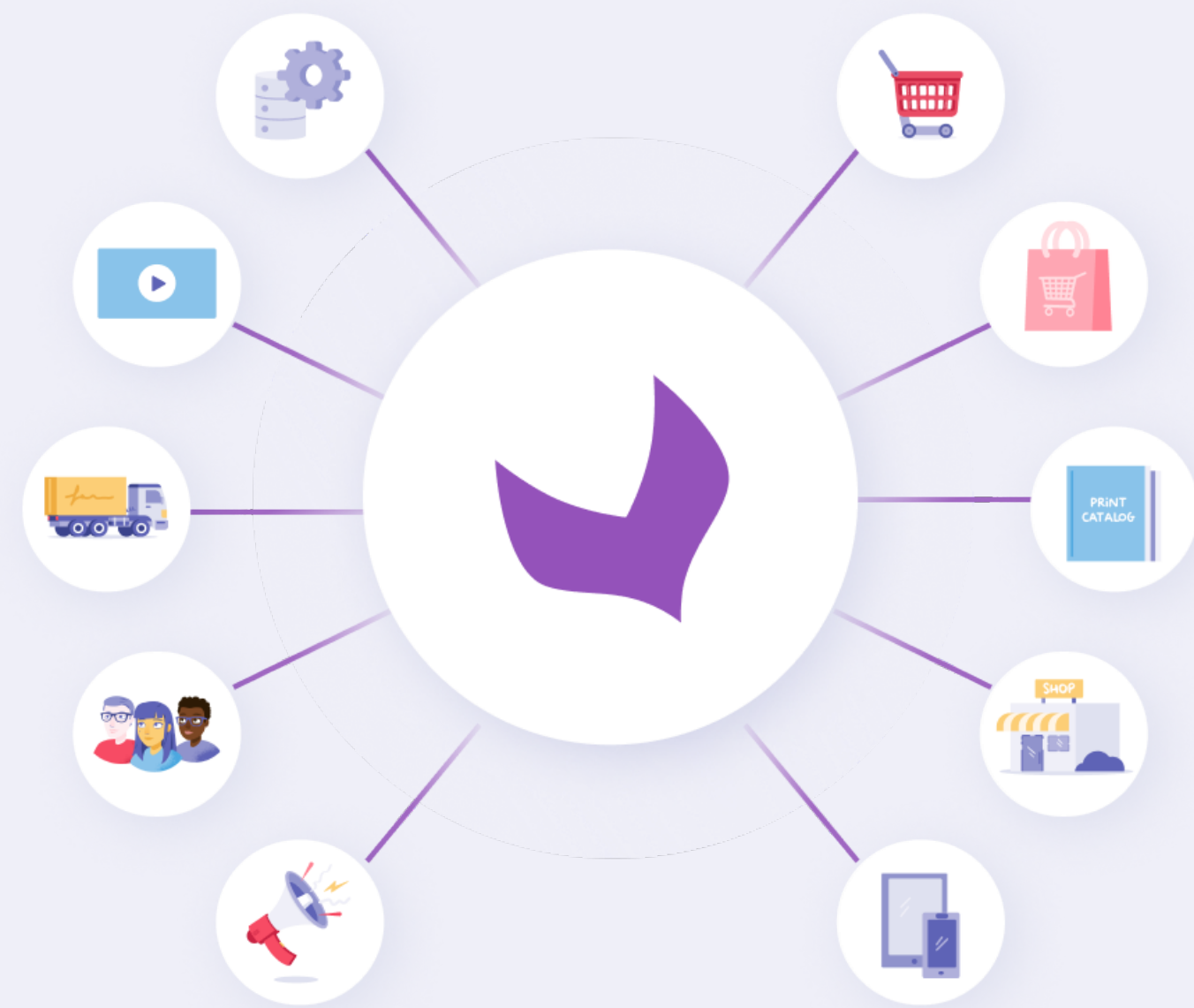
IDC MarketScape Report



Ventana Research PXM Value Index



The Solution: Product Experience Management (PXM)



How does AI support automation?





Acquires



Creating the world's first
intelligent Product Cloud

Leverage AI for your PX strategy

1. Collect & Cleanse Data
1. Generate & Enrich Content
1. Personalize to New
Markets & Geographies



What do you consider the biggest differentiator compared to other PIM software vendors?



Activity

Products

Entitles

Assets

Connect

Imports

Exports

Settings

System

Help

VIEWS ▼ ⋮

* Default view ▼

CHANNEL
E-Comm #1

LOCALE
 English (United States) ▼

CATEGORY
Master - All products

Filters +

FAMILY
All

PRODUCT TYPOLOGY
All

GROUPS
All

STATUS
All

COMPLETE
All

CREATED
All

PRODUCTS

2584 products, 39 product models

Default view (Public view)

Search by label, identifier or uuid

Variant: Grouped ▼ Display: Gallery ▼

1 2 3 ... 103

 <input type="checkbox"/> Google Nest Thermostat - E - ... 37%	 <input type="checkbox"/> Google Nest Learning Thermo... 75%	 <input type="checkbox"/> Visa Prepaid Card Services 100%	 <input type="checkbox"/> 3M™ Filtek™ One Bulk Fill Re... 66%
 <input type="checkbox"/> Vehicle First Aid Kit, 137 Piec... 36%	 <input type="checkbox"/> Vehicle Headrest First Aid Kit 81%	 <input type="checkbox"/> Vehicle Emergency Roadside Kit 45%	 <input type="checkbox"/> Vehicle First Aid Kit, 104 Piec... 36%

Automation



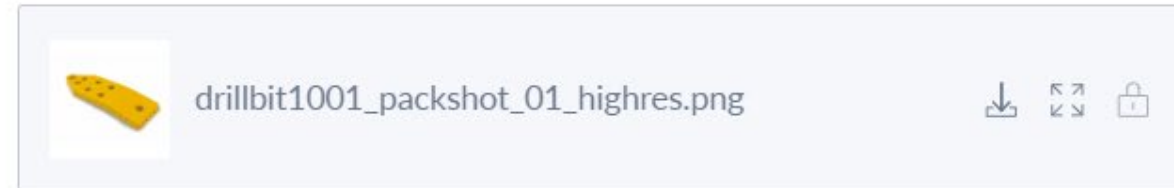
ASSET FAMILIES / WINE / DRILLBIT1001_PACKSHOT_01

[drillbit1001_packshot_01]

Channel: E-Comm #1 | Locale: English (United States)

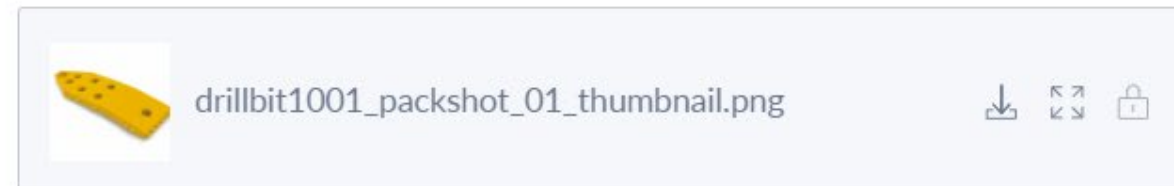
Created: 6/13/2022, 3:49 PM | Updated: 6/27/2022, 7:40 PM

high_res



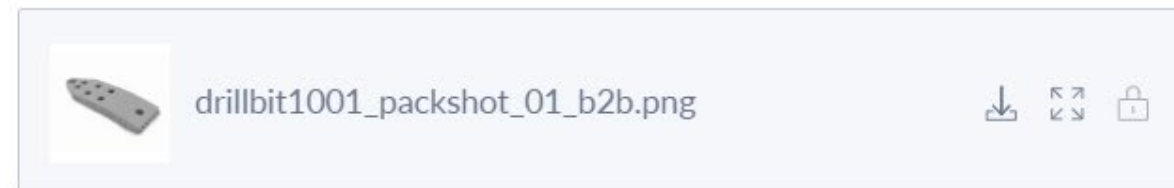
This field is read only as it is used as a target in an asset transformation.

thumbnail



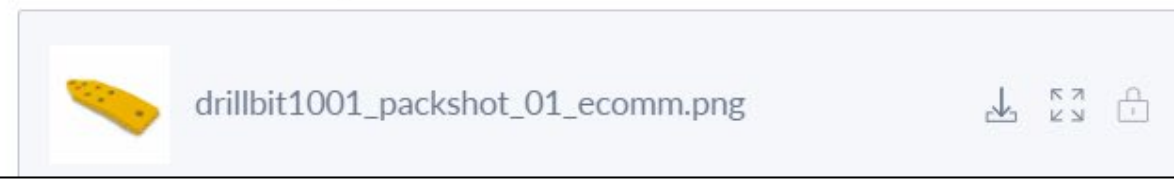
This field is read only as it is used as a target in an asset transformation.

b2b_thumbnail



This field is read only as it is used as a target in an asset transformation.

ecommerce (800x800 pixels)



LINKED PRODUCTS



Quickshot Standard (Hardfac...

SETTINGS / RULES / EDIT

Building Supplies ready for Copy

Rules builder | Properties

IF PRODUCT SELECTION

2 products

ADD CONDITIONS

You must define your product selection in order to create your rule. If you don't know how, [take a look at this article.](#)

Family

In

Corbels

Shutters

Main Image

Is not empty

Product Description

Is empty

E-Comm ...

English

Status

Equals

Enabled

THEN ADD CATEGORIES

REMOVE ACTION

To add your product selection to one or more categories, please start by selecting your category trees and then, your categories

Select your category trees

Select your categories

Category tree (required)

Categories (required)

All

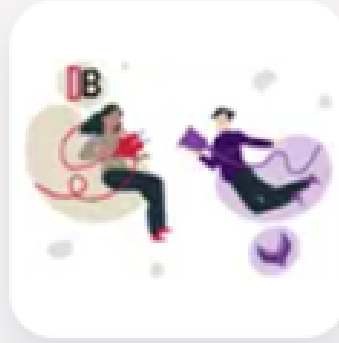
By Akeneo

Featured

Certified

CATEGORIES

- Add-ons
- Advertising
- AI Cleaning & Enrichment
- AI translation
- CMS
- Coming Soon
- DAM
- Datapool
- Developer tools
- E-commerce
- Enrichment
- Generative AI
- Import/Export
- Marketplace
- Print
- Syndication



InBetween Digital Publisher App

by InBetween Deutschland GmbH

InBetween's powerful solutions create an ideal basis for every need within the publication process – whether you produce digital or print publications. Use your Akeneo PIM in the most efficient way and make your print channel as agile as your e-commerce channels. Simply install the App independently...

Print

App

CERTIFIED

No app fits your needs?

Contact us and tell us amore bout your problem.

Contact us

How to leverage Akeneo and InBetween for print automation



OVERVIEW PRINT PUBLISHING



PIM



ADDITIONAL CONTENT

- ERP
- MAM / DAM
- CRM

fully – automated Publishing

highly – automated Publishing

partially – automated Publishing in InDesign

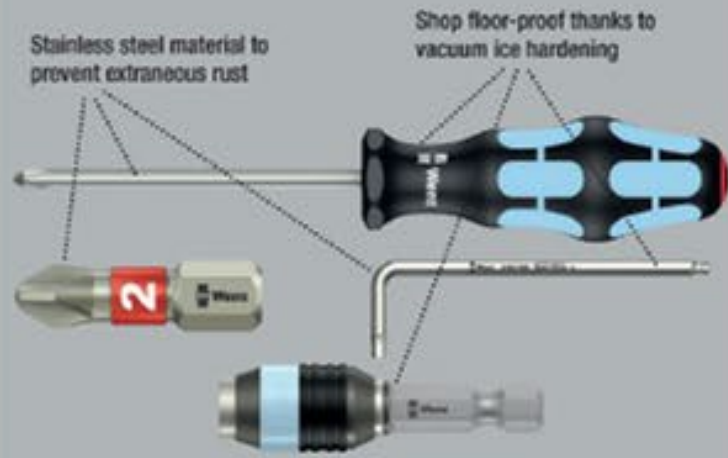
collaborative – Publishing *in Teams*



What types of collateral are typically being distributed by manufacturers?



Kraftform Stainless - stainless steel to prevent rust



High quality Kraftform Plus screwdriver out of stainless steel. The stainless tools from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. They can be used for industrial application without hesitation. The Lasertip tip literally bites into the head of the screw and thereby prevents any slipping out of the screw head. Multi-component Kraftform handle for fast and low-fatigue working.

Take it easy Tool Finder: colour coding according to profile and size. The hexagonal anti-roll feature prevents any bothersome rolling away at the workplace.

- Multi-component Kraftform handle for fast and ergonomic screwdriving
- Take it easy tool finder: colour coding according to profile and size
- Hexagonal anti-roll feature against rolling away
- Lasertip tips for more secure fit in the screw head

Lasertip - laser engineered blade



3335 Screwdriver for slotted screws, stainless



Code	EAN	10732	10733	10734	10735
05032001001	4013288	10732	10733	10734	10735
05032002001	4013288	10732	10733	10734	10735
05032003001	4013288	10732	10733	10734	10735
05032004001	4013288	10732	10733	10734	10735

3334 Screwdriver



Code	EAN	10736	10737	10738
05032005001	4013288	10736	10737	10738
05032006001	4013288	10736	10737	10738
05032007001	4013288	10736	10737	10738

3350 PH Screwdriver



Code	EAN	10739	10740	10741	10742
05032020001	4013288	10739	10740	10741	10742
05032021001	4013288	10739	10740	10741	10742
05032022001	4013288	10739	10740	10741	10742
05032023001	4013288	10739	10740	10741	10742



Big Pack 900 Screwdriver set Kraftform Wera: Chiseldriver and rack

- Storage rack for wall-mounting

Big Pack 900 Screwdriver set Kraftform Wera: Chiseldriver and rack



Code	EAN	176349	1
05133285001	4013288	176349	1
+	917 SPH	1x PH 1x80; 1x PH 2x100; 1x PH 3x150	
+	918 SPZ	1x PZ 2x80; 1x PZ 2x100; 1x PZ 3x150	
-	932 A	1x 0,6x3,5x80 ¹⁾ ; 1x 0,8x4,5x90; 1x 1,0x5,5x100; 1x 1,2x7,0x125; 1x 1,6x9,0x150	
○	977 TORX®	1x TX 20x90; 1x TX 25x100	
	Rack	2x 190,0x50,0	

¹⁾No throughout blade, no impact cap and no hexagon bolster

Kraftform 900/7 set 1 screwdriver set Kraftform Wera: The chiseldriver

- 7-piece set in compact, textile box with Wera 2go compatibility

Kraftform 900/7 set 1 screwdriver set Kraftform Wera: The chiseldriver



Code	EAN	217622	1
05137811001	4013288	217622	1
+	917 SPH	1x PH 1x80; 1x PH 2x100	
○	977 TORX®	1x TX 20x90; 1x TX 25x100	
-	932 A	1x 0,8x4,5x90; 1x 1,0x5,5x100; 1x 1,2x7,0x125	
	K240	1x 50,0x240,0	

3355 PZ Screwdriver for Pozidriv screws, stainless

Kraftform 900/7 set 2 screwdriver set Kraftform Wera: The chiseldriver

- 7-piece set in compact, textile box with Wera 2go compatibility
- With Wera bottle opener

Kraftform 900/7 set 2 screwdriver set Kraftform Wera: The chiseldriver



Code	EAN	218162	1
05137812001	4013288	218162	1
+	917 SPH	1x PH 1x80; 1x PH 2x100	
-	932 A	1x 0,6x3,5x80 ¹⁾ ; 1x 0,8x4,5x90; 1x 1,0x5,5x100; 1x 1,2x7,0x125	
	Bottle opener	1x 145	
	K240	1x 50,0x240,0	

¹⁾No throughout blade, no impact cap and no hexagon bolster

Kraftform 900/7 set 3 screwdriver set Kraftform Wera: The chiseldriver

- 7-piece set in compact, textile box with Wera 2go compatibility
- With Wera bottle opener

Kraftform 900/7 set 3 screwdriver set Kraftform Wera: The chiseldriver



Code	EAN	218179	1
05137813001	4013288	218179	1
+	918 SPZ	1x PZ 1x80; 1x PZ 2x100	
-	932 A	1x 0,6x3,5x80 ¹⁾ ; 1x 0,8x4,5x90; 1x 1,0x5,5x100; 1x 1,2x7,0x125	
	Bottle opener	1x 145	
	K240	1x 50,0x240,0	

¹⁾No throughout blade, no impact cap and no hexagon bolster

3334/6 Screwdriver set, stainless and rack

932/6 Screwdriver set Kraftform Wera: Chiseldriver and rack

- Storage rack for wall-mounting

932/6 Screwdriver set Kraftform Wera: Chiseldriver and rack



Code	EAN	018090	1
05018282001	4013288	018090	1
+	917 SPH	1x PH 1x80; 1x PH 2x100	
-	932 A	1x 0,6x3,5x80 ¹⁾ ; 1x 0,8x4,5x90; 1x 1,0x5,5x100; 1x 1,2x7,0x125	

¹⁾No throughout blade, no impact cap and no hexagon bolster

932 S/6 Screwdriver set Kraftform Wera: Chiseldriver and rack

- Impact cap with integrated square and bolster for the transfer of higher torque
- Storage rack for wall-mounting

932 S/6 Screwdriver set Kraftform Wera: Chiseldriver and rack



Code	EAN	134479	1
05018283001	4013288	134479	1
+	917 SPHS	1x PH 1x90; 1x PH 2x113	
-	932 A	1x 0,6x3,5x80 ¹⁾	
-	932 AS	1x 0,8x4,5x100; 1x 1,0x5,5x113; 1x 1,2x7,0x138	

¹⁾No throughout blade, no impact cap and no hexagon bolster

932/918/6 Screwdriver set Kraftform Wera: Chiseldriver and rack

- Storage rack for wall-mounting

932/918/6 Screwdriver set Kraftform Wera: Chiseldriver and rack



Code	EAN	018137	1
05018287001	4013288	018137	1
+	918 SPZ	1x PZ 1x80; 1x PZ 2x100	
-	932 A	1x 0,6x3,5x80 ¹⁾ ; 1x 0,8x4,5x90; 1x 1,0x5,5x100; 1x 1,2x7,0x125	

¹⁾No throughout blade, no impact cap and no hexagon bolster

977/6 TORX® Screwdriver set Kraftform Wera: Chiseldriver and rack

- Storage rack for wall-mounting

977/6 TORX® Screwdriver set Kraftform Wera: Chiseldriver and rack



Code	EAN	094803	1
05024410001	4013288	094803	1
+	977 TORX®	1x TX 15x80; 1x TX 20x90; 1x TX 25x100; 1x TX 27x125; 1x TX 30x150; 1x TX 40x150	

What are the typical characteristics of print publications of manufacturers?



RT-MAXH HOLLOW DRILL BITS DUSTLESSDRILL SDS MAX

Hollow drill bits SDS max for dust-free drilling in reinforced concrete



- CERTIFICATE**
- FEATURES AND BENEFITS**
- Two holes in the tip of the drill bit allows you to drill and extract dust simultaneously (due to the possibility of fastening a vacuum cleaner)
 - Drilling, along with dust extraction, make the hole smooth and clean
 - Quick removal of dust increases drilling speed and enhances drill bit durability (reduces friction)
 - Drilled holes do not require cleaning before fastening, which greatly reduces assembly time
 - Rubber adapter, which is built-in the bit, enables you to fasten a vacuum cleaner hose and to drill holes without dust
- APPLICATIONS**
- Drilling holes in reinforced concrete, concrete, stone and hard brick

Size	Rawplug code	Drill diameter [mm]	Length [mm]	Working length [mm]	Quantity [pc]
Ø14	RT-MAXH-14/600	14	600	400	1
Ø16	RT-MAXH-16/600	16	600	400	1
Ø18	RT-MAXH-18/600	18	600	400	1
Ø20	RT-MAXH-20/600	20	600	400	1
Ø22	RT-MAXH-22/600	22	600	400	1
Ø25	RT-MAXH-25/600	25	600	400	1
Ø28	RT-MAXH-28/600	28	600	400	1
Ø30	RT-MAXH-30/600	30	600	400	1
Ø32	RT-MAXH-32/600	32	600	400	1
Ø35	RT-MAXH-35/600	35	600	400	1

RT-MAXT TURBODRILL SDS MAX

SDS max drill for drilling deep holes in reinforced concrete, concrete, stone and hard brick



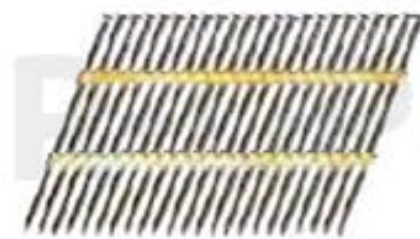
- CERTIFICATE**
- FEATURES AND BENEFITS**
- Steel with specification 34CrNiMo6 provides high strength and durability
 - Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international SicherSafe certificate
 - Optimized drill geometry allows making axial and cylindrical holes, perfect for mounting
 - Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
 - The drill core is subjected to special heat treatment, which increases its flexibility, resistance to twisting and prevents breaking
 - Monolithic, one-piece carbide tip with 10 cutting edges, including 6 front and 4 side edges, enabling easy and fast drilling in reinforced concrete without damaging.
- APPLICATIONS**
- Drilling holes in reinforced concrete, concrete, stone and hard brick

SPG-DPG PAPER COLLATED NAILS WITHOUT FUEL CELLS

Rawplug code	Fastener diameter [mm]	Length [mm]	Head type	Shank type	Finish	Protection	Fasteners per strip [pc]	Carton quantity [pc]	Box Weight [kg]	Outer Weight [kg]
						microns				
SPG-DPG										
SPG-DPG-2875	2.8	75	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	3300	28.71	28.71
SPG-DPG-3163	3.1	63	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	3300	13.38	13.38
SPG-DPG-3175	3.1	75	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	2200	10.61	10.61
SPG-DPG-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	2200	12.20	12.20
SPG-DPGH										
SPG-DPGH-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	1100	6.1	6.1
SPG-DPK										
SPG-DPK-2851	2.8	51	Clipped head	Smooth	Bright	-	44	3300	9.08	9.08
SPG-DPK-2863	2.8	63	Clipped head	Smooth	Bright	-	44	3300	11.09	11.09
SPG-DPK-2875	2.8	75	Clipped head	Smooth	Bright	-	44	3300	12.96	12.96
SPG-DPK-3175	3.1	75	Clipped head	Smooth	Bright	-	44	2200	10.27	10.27
SPG-DPK-3190	3.1	90	Clipped head	Smooth	Bright	-	44	2200	12.17	12.17
SPG-DRG										
SPG-DRG-2851	2.8	51	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	8.74	8.74
SPG-DRG-2863	2.8	63	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	10.77	10.77
SPG-DRG-3163	3.1	63	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	18.68	18.68
SPG-DRG-2875	2.8	75	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	12.71	12.71
SPG-DRG-3175	3.1	75	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	2200	10.27	10.27
SPG-DRG-3190	3.1	90	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	2200	12.22	12.22
SPG-DRK										
SPG-DRK-2851	2.8	51	Clipped head	Ring	Bright	-	44	3300	8.84	8.84
SPG-DRK-2863	2.8	63	Clipped head	Ring	Bright	-	44	3300	10.85	10.85
SPG-DRK-2875	2.8	70	Clipped head	Ring	Bright	-	44	3300	12.53	12.53
SPG-DRK-3163	3.1	63	Clipped head	Ring	Bright	-	44	2200	18.68	18.68
SPG-DRK-3175	3.1	75	Clipped head	Ring	Bright	-	44	2200	10.32	10.32
SPG-DRK-3190	3.1	90	Clipped head	Ring	Bright	-	44	2200	12.07	12.07

R-GPG PLASTIC COLLATED NAILS

Smooth shank bright nails for timber framing, roofing and other timber applications



- FEATURES AND BENEFITS**
- 21° degree collation angle ensures the nail is compatible with all leading manufacturers tools
 - Plastic collation provides protection from deterioration by weather conditions or high humidity
 - Full round head provides a secure fixing and high pull through value
 - Diamond point prevents the timber from splitting

CERTIFICATE

Rawplug code	Fastener diameter [mm]	Length [mm]	Head type	Head diameter [mm]	Shank type	Finish	Collation	Carton quantity	Pellet quantity	Box Weight [kg]	Outer Weight [kg]
								[pc]			
R-GPG-38100	3.8	100	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50	9.04	9.04
R-GPG-38120	3.8	120	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50	13.69	13.69
R-GPG-38130	3.8	130	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50	14.87	14.87
R-GPS-38100	3.8	100	Full Round	8.5	Twist	Bright	Plastic strip	1250	50	9.15	9.15
R-GPS-38120	3.8	120	Full Round	8.5	Twist	Bright	Plastic strip	1250	50	12.89	12.89
R-GPS-38130	3.8	130	Full Round	8.5	Twist	Bright	Plastic strip	1250	50	13.88	13.88

R-GDP WIRE COLLATED NAILS

Ring shank bright nails for timber framing, roofing and other timber applications



- FEATURES AND BENEFITS**
- 16° angle of collation ensures the nail is compatible with all leading manufacturers tools
 - Full round head provides a secure fixing and high pull through value
 - Diamond point prevents the timber from splitting

- CORRESPONDING PRODUCTS**
- R-RAWL-PN-57
 - R-RAWL-PN-70
 - R-RAWL-PN-83

CERTIFICATE

- BASE MATERIALS**
- Timber
 - Wood
 - Plywood
 - Chipboard



- APPLICATIONS**
- Fencing & gates manufacturing and installation
 - Wooden pallets and packaging manufacturing

Rawplug code	Fastener diameter [mm]	Length [mm]	Head type	Head diameter [mm]	Shank type	Finish	Collation	Carton quantity	Pellet quantity	Box Weight [kg]	Outer Weight [kg]
								[pc]			
R-GDP-2132	2.1	32	Full round	6.1	Ring	Bright	Wire welded	16800	30	13.73	13.73
R-GDP-2138	2.1	38	Full round	6.1	Ring	Bright	Wire welded	12600	30	13.23	13.23
R-GDP-2155	2.1	55	Full round	6.1	Ring	Bright	Wire welded	10500	30	14.02	14.02
R-GDP-2555	2.5	55	Full round	6.1	Ring	Bright	Wire welded	9000	30	20.32	20.32
R-GDP-2560	2.5	60	Full round	6.1	Ring	Bright	Wire welded	7200	30	17.80	17.80
R-GDP-2570	2.5	70	Full round	6.1	Ring	Bright	Wire welded	7200	30	17.17	17.17
R-GDP-2880	2.8	80	Full round	7.5	Ring	Bright	Wire welded	4500	30	18.21	18.21
R-GDP-2880P	2.8	80	Full round	7.5	Ring	Bright	Wire welded	4500	135000	4.05	4.05
R-GDP-2890	2.8	90	Full round	7.5	Ring	Bright	Wire welded	4500	135000	4.50	4.50

R-RAWL-C100-P OIL LUBRICATED COMPRESSOR

100 litre portable air compressor tank for professional and industrial applications



- FEATURES AND BENEFITS**
- Best quality electronic components ensure stable working conditions and low operating cost
 - Brushless motor with a power of 3 HP provides the best performance and low maintenance. Brushless technology is the most reliable drive type used in power tools and mobile equipment providing low damage risk and maintenance cost
 - Oil lubricated pump with direct drive provides high performance and stable operation of the compressor
 - Built in intake filter to avoid damage in transport and storage
 - Robust wheels and additional rubber feet for better stability

- CORRESPONDING PRODUCTS**
- R-RAWL-PMC-38 Pneumatic joist hanger nailer
 - R-RAWL-PN-3490 Pneumatic framing nailer
 - R-RAWL-PN-57 Pneumatic coil nailer

CERTIFICATE

Rawplug code	Air output	Cord length [m]	Lubrication	Maximum pressure	Noise level	Operating pressure [bar]	Operating temperature [°C]	Power [HP]	Tank size [L]	Box Weight [kg]	Outer Weight [kg]
	[l/min]			[bar]	[dB]						
R-RAWL-C100-P	360	3	Yes	10	95	5-7	0-+35	3	100	66.00	66.00

What are the typical benefits of automating print for manufacturers?



ARKEMA

requirements

- produce multi-page data-sheets
- from Akeneo PIM
- no manual work required

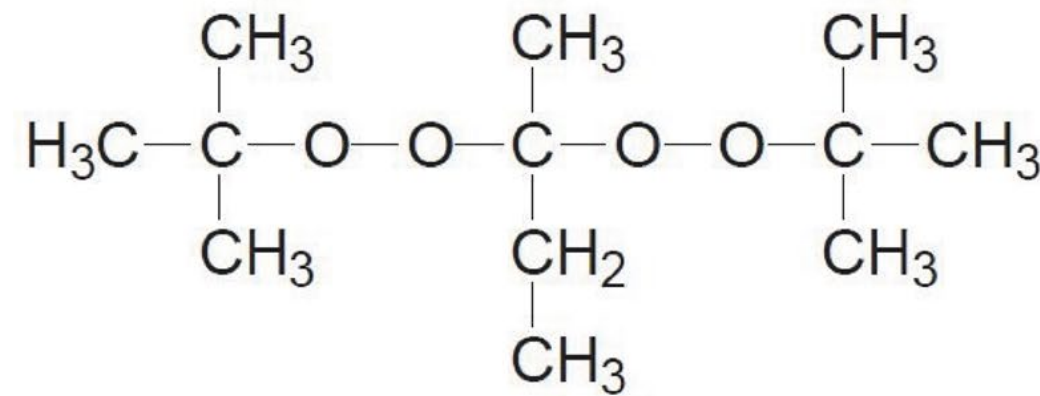
print solution

- automated production
- based on
 - Akeneo PIM
 - InBetween Datasheet Service

LUPEROX®

LUPEROX® 220M50 E

Luperox® 220M50 E is a 50% solution of 2,2-di(tert-butyl peroxy butane) in isododecane.



Chemical name: 2,2-di(tert-butyl peroxy butane)
Molecular Weight (g/mol): 234.33

CAS Number: 2167-23-9
EINECS: 218-507-2

STANDARD SALES SPECIFICATIONS

Characteristics	Value
Appearance	Colorless to slightly yellow liquid
Peroxide content	48.5 – 51.5 %
Active oxygen	6.62 – 7.03 %

TYPICAL PROPERTIES

Property	Value
SADT (Self Accelerating Decomposition Temperature) - °C	> 70°C
Density	0.81 g/cm ³ at 20°C
Flash Point	54°C (micro open cup)
Freezing point	< 0°C

APPLICATIONS

1. LDPE
Luperox® 220M50 E can be used in the free radical polymerization of ethylene and copolymerization of ethylene and vinylacetate or other co-monomers such as some (meth)acrylates, in high pressure tubular or autoclave reactors. Due to its medium temperature range activity it is preferably combined with other peroxides of higher or lower reactivity. As a side effect to monomer addition, the decomposition of Luperox® 220M50 E predominantly

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LUPEROX® 220M50 E

gives rise to the formation of acetone, tert-butanol and aliphatic hydrocarbons, which are easy to devolatilise in the monomer recovery step. As it is nearly as reactive as tert-butyl perbenzoate and does not form benzene on decomposition Luperox® 220M50 E may be taken as a suitable replacement for this aromatic peroxide. Luperox® 220M50 E is applicable in the temperature range of 160°C to 260°C according to the corresponding reaction profile. 2. Polystyrene
Luperox® 220M50 E is a suitable initiator for the polymerization of styrene in mass and suspension. According to its activity window it works in the temperature range of 90°C to 130°C, and therefore is a feasible alternative to tert-butyl perbenzoate. Typical usage level range between 0.02% and 0.10%. As Luperox® 220M50 E is active in the last stage of the reaction it is useful to combine it with a peroxide of higher activity e.g. tert-butyl peroxy-2-ethyl hexanoate (Luperox® 26 E). Thereby, together with a higher conversion rate residual monomer levels may be reduced more effectively.

HALF-LIFE TEMPERATURE

The half-life time of a peroxide $t_{1/2}$ is a suitable means to determine its reactivity. It is dependent on temperature and can be calculated according to the Arrhenius equation.

	Benzene (0.2M)	n-Dodecane (0.2M)
$t_{1/2}$ (1 min)	161	169
$t_{1/2}$ (10 min)	137	144
$t_{1/2}$ (60 min)	121	127
$t_{1/2}$ (600 min)	100	107

SAFETY AND HAZARD CLASSIFICATION

Please consult the Safety Data Sheet.
Luperox® 220M50 E has a SADT > 70°C. Above this temperature it starts to decompose in an uncontrollable manner. Luperox® 220M50 E is flammable and may form igniting gases on decomposition.

STORAGE AND HANDLING

Please consult the Safety Data Sheet.
Luperox® 220M50 E is recommended to be stored below +30°C. Since Luperox® 220M50 E is flammable all proximity to sparks, open fire and sources of heat must be strictly avoided. Any direct contact with accelerators, stabilizers, heavy metal compounds and rust must be avoided as to prevent an accelerated decomposition.
The shelf life of Luperox® 220M50 E comes to 12 months. Packing drums should be dated on receipt and used within this time or disposed of.

PACKAGING AND TRANSPORT

Luperox® 220M50 E is delivered in polyethylene jerrycans (20kg). According to the corresponding transport regulations it can be shipped via road and sea.

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SARTOMER®

技术数据表

CN8881 NS

脂肪族聚氨酯丙烯酸酯

描述

CN8881 NS是一种脂肪族聚氨酯丙烯酸酯共聚物。CN8881 NS也显示了优异的耐磨性、耐候性和对塑料和聚碳酸酯



保质期

将其存放在原始的密封容器中，放在干燥、阴凉（<40°C）且通风良好的地方。远离霜冻和热源（明火、热表面和热源）。对于未打开的容器，典型的保质期是从交货日期算起的24个月。如果需要对产品进行抽样以进行进料质量测试，则应保持开封后的保存期限，前提是在开封后立即将其紧紧关闭，并避免异物污染。已添加抑制剂以增强储存稳定性。它们需要容器中存在空气以提高其效率。保持稳定剂水平恒定以避免爆炸性聚合。所有容器中的液体上方都需要有空气空间；避免在无氧气氛下存放。

存储

存储注意事项请参考 SDS

健康和环境

健康与安全注意事项请参考 SDS

法国阿科玛 (Arkema France)，一家在纳内特 (Nanterre) 注册和运营的法国公司，注册号为 319 632 790
免责声明：关于我们产品的使用，请查阅阿科玛的免责声明 <https://www.arkema.com/global/en/products/product-safety/>

FUNCTIONAL ADDITIVES LUPEROX - 2

COAPUR™ 3320

Solvent free liquid polyurethane thickener
HEUR Polyurethane Thickener

TYPICAL CHARACTERISTICS

Nature	Water soluble non ionic polyurethane
Appearance	Viscous whitish liquid
Solid Content (%)	20
Active Content (%)	17.50
pH	7
Brookfield viscosity (mPa.s)	4500
Specific gravity	1.03
Solvent	Water

DESCRIPTION

Coapur™ 3320 is a non-ionic, associative and solvent free rheology modifier providing a Newtonian behavior to water-borne systems. Coapur™ 3320 allows to adjust selectively high shear viscosities with a high efficiency and thus ensures excellent film build, spatter resistance and levelling together with flexibility of use.

RECOMMENDED ADDITION LEVEL

Its typical dosage is between 0.3 and 2.5% (as delivered on total formulation weight). It should be added at levels between 0.3 and 1.5% depending on the rheological profile of the co-thickener, when used in combination, or between 0.5 and 2.5% when used as sole thickener.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum

HANDLING & STORAGE

It should be protected from the effects of weathering and stored between 5 and 40°C and sheltered from direct sun exposure. Once opened, packaging should be resealed immediately after use. To be easily pumpable, it should be used at about 20°C. Shelf Life Durability (Months) 12 from Shelf Life Conditions from delivery.

HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

MARKET

Adhesives & Sealants

- Assembly
- Other Adhesives
- Pressure Sensitive Adhesives

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating
- Traffic Paint

KEY BENEFITS

FORMULATION

- **Post addition**
- **Ready to use**
- **Color acceptance**

STORAGE

- **Viscosity stability**
- **In-can appearance**
- **Syneresis resistance**

APPLICATION

- **Film build**
- **Spatter resistance**
- **Brushability**

FILM PROPERTIES

- **Anticorrosion**
- **Levelling**
- **Rub out**

KEY BENEFITS

- **APEO free** Yes
- **Bacteria resistance** Yes
- **Heavy metal free** Yes
- **Solvent-free** Yes

THICKENING MECHANISM

Associative ●●●●●

VISCOSITY CONTRIBUTION

High Shear contribution ●●●●●
Low Shear contribution ●●●●●
Mid Shear contribution ●●●●●

PVC

PVC Mid ●●●●●
PVC High ●●●●●
PVC Low ●●●●●

柔软性、優れた密着性、低

200-6,500

灰色液体

454

0

30

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Please consult Arkema's disclaimer regarding the use of our products on www.arkema.com/en/products/product-safety/disclaimer/
Contact us to know more about our additives
www.RheologySpecialtyAdditives.com

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outcomes of the project

- 4,500 multi-page documents
- high-complexity
- in 5 languages

business benefits

- > 1 million euros saved
- several thousand person days saved
- roll-out for additional brands

Clothing 4

Cover cover_chapter clothing grid 2x2 clothing grid 2x1 clothing grid 2x1

Outdoor 3

cover_chapter outdoor_overview flow flow flow flow

Master Pages Quantity - 1 +

cover clothing g... clothing g... cover_ch... flow groceries ... groceries ... groceries ... outdoor o...

Products

ID	Display Value
C1	Clothing
C1S1P1	Olympas
C1S1P2	Eternal
C1S1P3	Transient
C1S1P4	Juck & Joni
C1S2P1	Samy
C1S2P2	Sivel
C1S2P3	Sneaj
C1S2P4	Friese
C2	Outdoor
C2S1I1	Outdoor overview
C2S1P1	Hurricane Hedwig
C2S1P10	Aviator 85
C2S1P11	Madlad Trace 88
C2S1P2	Squadrone Racer 88
C2S1P3	Salmon 80 TI
C2S1P6	Shira SMU

Quick Preview

Juck & Joni

285+ CUSTOMERS

ALLCHEMET

BIZERBA

 **Lightpower**

 **SWISS KRONO**

 **PORTWEST**

VIESMANN

RHODIUS

**MONT
BLANC**

TITGEMEYER

B/S/H/

 **KIESELMANN**
FLUID PROCESS GROUP

 **TRACO POWER**

 **HELUKABEL**

Weidmüller

KEUCO

 **DUSCHOLUX**

gorfactory

frauenthal
GROUP

DENNER

 **KNIPEX**

 **SONDER
PREIS!
Baumarkt**

STIHL

 **Ottakringer
Getränke AG**

MTH Retail Group

LAUDA

 **MEURER**

 **TNA**

 **yein**

 **SLV**

JOSEF SEIBEL

Ritzenhoff & Breker
seit 1810

 **LTS**

 **ZCC Cutting Tools Europe GmbH**
your Partner your Value

pewag

 **GRANITE CITY**
ELECTRIC SUPPLY COMPANY

 **HAINBUCH**
SPANNENDE TECHNIK

 **GU**
GRETSCH-UNITAS

 **HANSA**



MULTIVAC

ALUKON
Sonnenschutz Rollläden Insektenschutz

ESYLUX

BÜRORING

 **AXALTA**

sto

Roca

ingun

 **LEMKEN**

GENEBRE

 **Telegärtner**

 **WEIN WOLF
GRUPPE**

zehnder

KÄRCHER

RAWLPLUG

schülke

erbe

**SCHRACK
TECHNIK**

 **hawle**

**WEIN WOLF
GRUPPE**

zehnder

 **KLINGSPOR**
Schleiftechnologie

OLYMPUS

**WINK
HAUS**

 **Villeroy & Boch**
1748

Debrunner Acifer
klöckner & co multi metal distribution

Vitakraft
gibt Lebenskraft

rexroth
A Bosch Company

 **KNUTH**
MACHINE TOOLS

OREGON TOOL

somfy

 **GREYSHEET**

ARKEMA

 **PEPPERL+FUCHS**

SPAR

 **KUKKO**

 **COMPO**

FAIE
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BainDépôt

 **Vaillant**

BETTE

 **WERO**

 **Wera**

 **Hettich**

 **TAG
HEUER**

FESTOOL

Review

- **Challenges with data-driven marketing in this omni-channel world**
- **Introduction to Akeneo**
- **How to leverage Akeneo and InBetween for print automation**
- **Collateral types in print**
- **The business case for print automation**



Questions





Thank you.



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