



Eagle + Arria NLG:

Helping investment decision-makers with real-time, actionable data with AI-based advanced Natural Language Generation

ARRIA

NATURAL LANGUAGE GENERATION

“The Eagle / Arria strategic alliance enhances process automation by using advanced Natural Language Generation (NLG) technology to accelerate the analysis of data stored within the Eagle Platform.”

ABOUT ARRIA NLG

Arria NLG is the global leader in the field of Natural Language Generation (NLG), a form of artificial intelligence software specialized in extracting insights from complex data sources and communicating that information in natural language (i.e. as if written or spoken by a human). Arria has the greatest concentration of scientific NLG expertise in the world, and has a growing portfolio of 20 core NLG patents, with more pending. Learn more at www.arria.com.

What is Natural Language Generation (NLG)?

Arria’s NLG capability, a form of artificial intelligence, is based on advanced computational linguistics and algorithms. Arria NLG can, automatically and instantly turns volumes of raw data into written (or spoken) words as if composed by a human subject matter expert.

Adding Arria’s NLG capabilities into portfolio management, portfolio analysis, and performance measurement will help Eagle clients significantly reduce the amount of time they spend writing personalized client summaries and reports.

EAGLE + ARRIA DELIVERS:

- Access to Arria’s advanced NLG capabilities, which connect directly to Eagle’s product suite.
- Automated, real-time data insights and narratives in plain, easy-to-understand language.
- Data-driven insights for clients, which may have otherwise been missed or misunderstood.
- Increased speed and consistency in the interpretation and communication of results for complex data sets, including performance measurement, attribution, and risk across the organization.
- Near real-time production of reports with commentary, allowing for more complete information, faster conclusions, and better decision-making.
- Expanding library of templates supporting Eagle data sets including performance attribution, analytics and ESG.

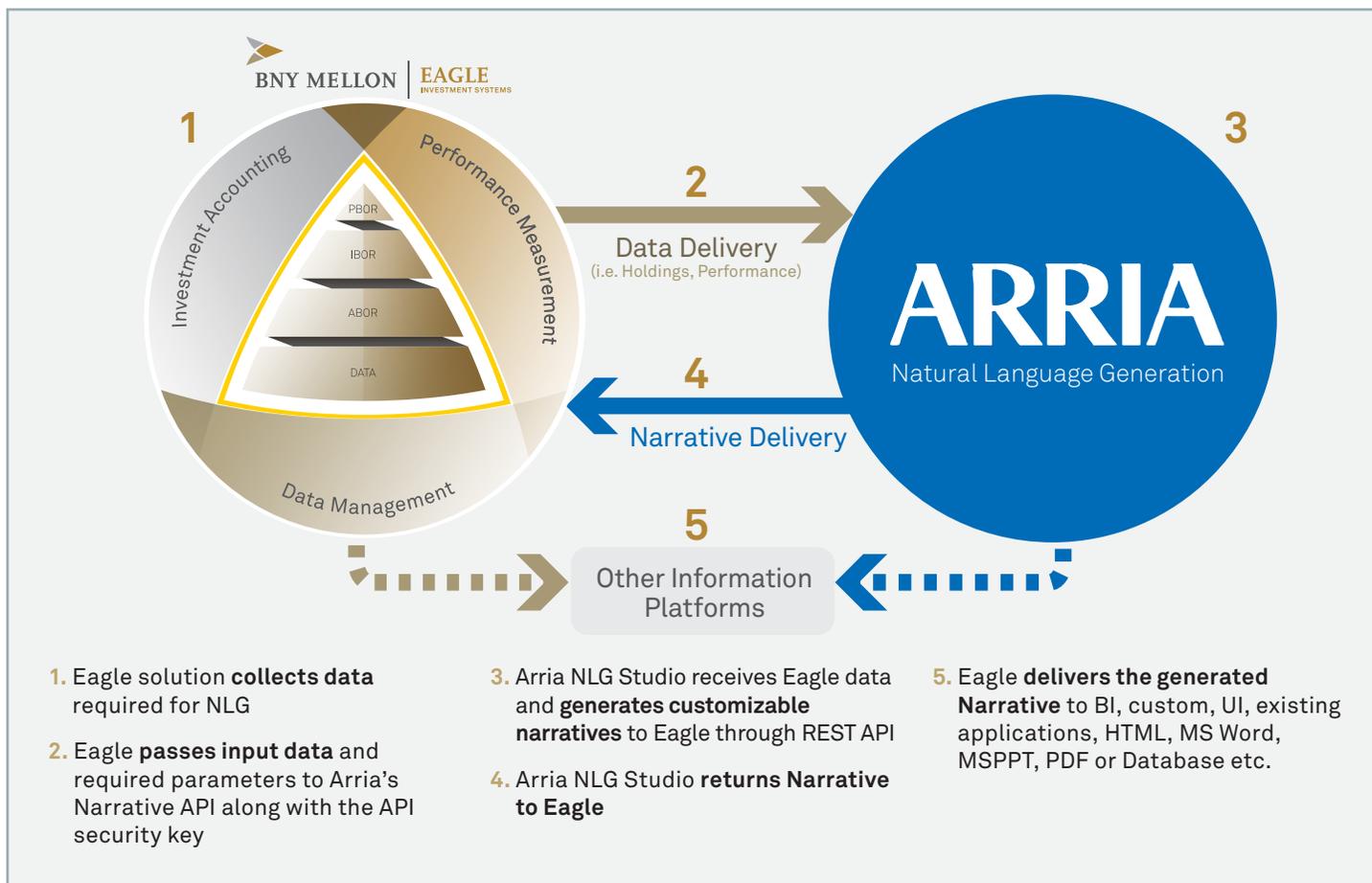
SUPPORTING YOUR INVESTMENT IN EAGLE:

Your firm benefits from the Eagle + Arria alliance through the continued collaboration and investment that both firms make in simplifying the implementation, workflow, and ongoing support of the solution.



Inside the solution: The best-of-breed automated workflow for Natural Language Generation (NLG)

The Eagle + Arria solution leverages leading technology and recognized expertise, streamlining NLG to an unprecedented degree. Here's an overview of the workflow process:



NLG commentary generating using Eagle Performance Data

Entity ID	Investment Type	Yr,AA Base/Actual	Yr,AA Base/Actual	Yr,AA Base/Actual	Yr,AA Base/Actual	Yr,AA Allocation	Yr,AA Sub/Actual	Yr,AA
TOTAL	1.0000000000	1.0000000000	11.4703602820	4.6001700818	6.8136275812	1.8409688316	4.9786670347	6.8136
Equity	1.0000000000	1.0000000000	11.4703602820	4.6001700818	6.8136275812	1.8409688316	4.9786670347	6.8136
Industrial Development	0.1204891008	0.1204891008	6.8732129188	1.7299703649	4.1432425539	0.7176329247	0.0000000000	0.7176
Horizon	0.0401922001	0.0401922001	-0.3442210900	1.0269002018	-0.9849090218	-0.3442210900	0.0000000000	-0.3442
MSCI	0.0111082611	0.0111082611	-0.3548210900	0.9648703536	-0.3441108814	0.0000000000	0.0000000000	-0.3441
United Technologies	0.0111082611	0.0111082611	2.7744282112	0.0228181168	0.0000000000	0.0000000000	0.0000000000	0.0228
Capital Goods	0.0220471227	0.0220471227	28.4071228177	-1.3271108120	29.5034239998	1.9952287104	0.0000000000	1.9952
Bentley	0.0000000000	0.0000000000	48.9181070542	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000
Computer	0.0220471227	0.0220471227	28.4071228177	-0.0000000000	0.4542121216	0.0000000000	0.0000000000	0.4542
Consumer	0.0027875194	0.0027875194	-0.4718851448	-0.0000000000	0.0000000000	0.0000000000	0.0000000000	-0.4719
General Electric	0.0045164101	0.0045164101	14.5170000000	-0.4986421186	0.0000000000	0.0000000000	0.0000000000	-0.4986
Intergen	0.0042271910	0.0042271910	18.4000000000	-0.0000000000	-0.0000000000	0.0000000000	0.0000000000	-0.0000
General Dynamics	0.0004845935	0.0004845935	-0.5041754774	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000
General Electric	0.0004845935	0.0004845935	-0.5041754774	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000

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WE ARE EAGLE INVESTMENT SYSTEMS

Eagle Investment Systems LLC enables financial institutions to grow their assets by creating operational efficiencies and delivering award-winning solutions for data management, investment accounting, and performance measurement and attribution, supported by an unparalleled level of service. Eagle deploys its solutions via a secure private cloud, Eagle ACCESSSM, which hosts and provides on-going support of the applications and systems infrastructure, reducing complexity and risk. Eagle Investment Systems LLC is a subsidiary of BNY Mellon.

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