

## Informatica Inc.

# Strong finish to 2023, attractive outlook for 2024; Reiterate Buy, Raise PO to \$39

Reiterate Rating: BUY | PO: 39.00 USD | Price: 30.13 USD

## Cont' execution trend could drive 35% cloud growth in '24

Reiterate Buy and raise PO to \$39 (from \$33). Consistent with our 4Q preview, 4Q23 results were strong, demonstrating good G2M execution, and initial 2024 guidance is above Street. Healthy Cloud ARR growth of 37% y/y at an impressive scale of \$617mn (38% of total ARR, grown 37-44% since IPO), is a testament that the IDMC platform is viewed as strategic. Furthermore, its 2024 Cloud ARR growth outlook of +35% y/y suggests healthy pipeline activity and high visibility, and is a top tier growth profile among its infra software peers. Bottom line: With its strategic position in the next-gen data management opportunity, we expect beat-and-raises to continue. Our \$39 PO is based on a SOTP, increase our subs revenue multiple to 11.5x (9.8x prior) for strong execution, and implies a consolidated EV/C24E rev multiple of 8.0x. Update forecast for results and guide.

## Three-pronged approach to driving durable growth

Drivers include: 1) enterprise consolidation of legacy tooling and workflows to a single unified AI powered platform, like IDMC, should drive healthy demand; 2) attractive pricing model, specifically with IPU, that removes adoption friction and enables customers to try out many different use cases with the ability to scale easily; and 3) expanding partner network, particularly around next-gen data warehouse and lakehouse vendors that can drive increased workloads on IDMC.

## Positives: Transactions grow nicely at large scale

1) Cloud transactions grew +62% y/y to 86 trillion, accelerating from +60% y/y in 3Q, impressive growth at an already impressive scale; 2) won a new Fortune 100 company, bringing the total to 86; 3) CLAIRE GPT has 300 beta customers and is expected to become generally available in 2Q24, which could drive increased usage and higher monetization; 4) a new metric, GAAP revenue from cloud subscriptions, grew +39% y/y in 4Q to \$140mn, and improves model visibility; and 5) new strategic partnership with MongoDB, and expanded relationships with Microsoft, AWS, Snowflake, among others.

## Negatives: self-managed not as big a growth driver

1) Self-managed ARR declined 5% y/y to \$515.9mn, a faster rate of deceleration compared to last quarter at 1.6%, though we note that self-managed is not a focus growth area, and migrations to cloud are picking up which is a positive; 2) added 10 netnew \$100k+ ARR customers (1,988 total, +4% y/y), lower than 28 added in 3Q; 3) gross margin expanded 70bps q/q to 83.1%, less than the 200bps q/q expansion in 3Q.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	0.78	0.92	1.08	1.12	1.17
EPS Change (YoY)	13.0%	17.9%	17.4%	3.7%	4.5%
Consensus EPS (Bloomberg)			1.07	1.23	1.29
DPS	0	0	0	0	0
Valuation (Dec)					
P/E	38.6x	32.8x	27.9x	26.9x	25.8x
EV / EBITDA*	22.3x	17.3x	14.7x	13.6x	12.7x
Free Cash Flow Yield*	2.7%	3.6%	5.4%	5.9%	6.5%
* For full definitions of <i>IQ</i> method <sup>SM</sup> measures, see page 7.					

BofA Securities does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Refer to important disclosures on page 8 to 10. Analyst Certification on page 6. Price
Objective Basis/Risk on page 6.

#### 15 February 2024

#### Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	33.00	39.00
2024E Rev (m)	1,626.9	1,696.3
2025E Rev (m)	1,751.6	1,798.4
2026E Rev (m)	NA	1,898.1
2024E EPS	0.90	1.08
2025E EPS	0.96	1.12
2026E EPS	NA	1.17

Koji Ikeda, CFA Research Analyst BofAS +1 415 913 2106 koji.ikeda@bofa.com

Natalie Howe Research Analyst BofAS +1 415 436 1103 natalie.howe@bofa.com

**George McGreehan** Research Analyst BofAS george.mcgreehan@bofa.com

#### Stock Data

Price	30.13 USD
Price Objective	39.00 USD
Date Established	15-Feb-2024
Investment Opinion	B-1-9
52-Week Range	13.29 USD - 31.90 USD
Mrkt Val (mn) / Shares Out	7,444 USD / 247.1
(mn)	
Free Float	20.2%
Average Daily Value (mn)	32.88 USD
BofA Ticker / Exchange	INFA / NYS
Bloomberg / Reuters	INFA US / INFA.N
ROE (2024E)	14.6%
Net Dbt to Eqty (Dec-2023A)	49.4%
ESGMeter™	NLA

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

Please see pg. 3 for abbreviation definitions

# **iQ**profile<sup>™</sup> Informatica Inc.

Return on Capital Employed 6.9% 9.4% 10.4% 10.4% 10.4% 10.4% Return on Equity 11.1% 12.7% 14.6% 14.1% 14.1% 12.7% 14.6% 14.1% 14.1% 12.7% 14.6% 14.1% 14.1% 12.7% 14.6% 14.1% 13.0% 12.7% 14.6% 14.1% 13.0% 12.7% 14.6% 14.1% 13.0% 12.7% 14.6% 14.1% 13.0% 12.2%	iQmethod <sup>™</sup> – Bus Performance*					
Return on Equity	(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Equity	Return on Capital Employed	6.9%	9.4%	10.4%	10.4%	10.4%
Free Cash Flow  200 266 401 436  ### Augustion of Service Cash Flow  ### Augustion of Service Cash Flow  ### Augustion  ### August		11.1%	12.7%	14.6%	14.1%	13.7%
	Operating Margin	23.3%	29.0%	32.0%	32.5%	33.0%
CUSS Millions   CUSS Millions   CUSS MILLIONS   CUSS MILLIONS   CUSS	Free Cash Flow	200	266	401	436	486
Cash Realization Ratio         0.9x         1.0x         1.2x         1.2x           Asset Replacement Ratio         0x	<i>iQ</i> method <sup>™</sup> – <b>Quality of Earnings*</b>					
Asset Replacement Ratio	(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Tax Rate	Cash Realization Ratio	0.9x	1.0x	1.2x	1.2x	1.2>
Net Debt-to-Equity Ratio   65.4%   49.4%   28.0%   9.4%   7.	Asset Replacement Ratio	0x	0x	Ox	0x	0:
Interest Cover	Tax Rate	23.0%	22.9%	23.0%	24.0%	24.0%
Income Statement Data (Dec)	Net Debt-to-Equity Ratio	65.4%	49.4%	28.0%	9.4%	-7.0%
CUSS Millions    2022A   2023A   2024E   2025E   202	Interest Cover	4.5x	3.1x	3.8x	4.2x	4.5
Sales         1,505         1,595         1,696         1,798         1           % Change         4,2%         6,0%         6,3%         6,0%         9           Gross Profit         1,218         1,302         1,384         1,472         1           % Change         2,3%         7,0%         6,3%         6,3%         6           BEITDA         372         478         562         607           % Change         -1,5%         28,6%         17,6%         7,9%         7           Net Interest & Other Income         (60)         (1111)         (98)         (94)         94           Net Income (Adjusted)         224         271         343         373         96         6         8,7%         8           Free Cash Flow Data (Dec)           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Ke Cash Flow Data (Dec)         2024         272         343         373         37         96         6         6         10         10         20         20         26         6         6         6         10         10         10         10         10         10 <td>Income Statement Data (Dec)</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Income Statement Data (Dec)					
% Change         4.2%         6.0%         6.3%         6.0%         5.2%           Gross Profit         1,218         1,302         1,384         1,472         1           % Change         2,3%         7,0%         6,3%         6,3%         6           % Change         -1,5%         28,6%         17,6%         7,9%         7           % Change         -1,5%         28,6%         17,6%         7,9%         7           Net Income (Adjusted)         224         221         343         373         8           % Change         28,1%         20,8%         26,6%         8,7%         8           Free Cash Flow Data (Dec)           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Net Income from Cont Operations (GAAP)         224         272         343         373         20           Pepreciation & Amortization         21         18         19         22         2025E         20           Change in Working Capital         (25)         (10)         27         46         46         464         644         644         644         644         644         644         644         644	(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Gross Profit	Sales	1,505	1,595	1,696	1,798	1,898
We Change         2.3%         7.0%         6.3%         6.3%         6.3%           EBITDA         372         478         562         607           % Change         -1.5%         28.6%         17.6%         7.9%         7.0%           Net Income (Adjusted)         224         271         343         373           % Change         28.1%         20.8%         26.6%         8.7%         8           Free Cash Flow Data (Dec)           (USS Millions)         2022A         2023A         2024E         2025E         20           Net Income from Cont Operations (GAAP)         224         272         343         373         20	% Change	4.2%	6.0%	6.3%	6.0%	5.5%
BBITDA   372   478   562   607   96 Change   -1.5%   28.6%   17.6%   7.9%   7	Gross Profit	1,218	1,302	1,384	1,472	1,568
Net Interest & Other Income   (60) (111) (98) (94)     Net Income (Adjusted)   224   271   343   373     % Change   28.1%   20.8%   26.6%   8.7%   8     Free Cash Flow Data (Dec) ((US\$ Millions)   2022A   2023A   2024E   2025E   20     Net Income from Cont Operations (GAAP)   224   272   343   373     Depreciation & Amortization   21   18   19   22     Change in Working Capital   (25) (10)   27   46     Deferred Taxation Charge   (86)   1   (64) (64)     Other Adjustments, Net   66   (15)   75   59     Capital Expenditure   0   0   0   0     Free Cash Flow   200   266   401   436     % Change   -12.5%   33.1%   50.5%   8.8%   11     Share / Issue Repurchase   53   40   0   0     Cost of Dividends Paid   0   0   0   0     Change in Debt   (16) (19) (20) (20)     Balance Sheet Data (Dec) ((US\$ Millions)   2022A   2023A   2024E   2025E   20     Cash & Equivalents   498   732   1,113   1,529   1     Trade Receivables   495   500   483   529     Other Current Assets   446   520   615   624     Property, Plant & Equipment   161   149   130   107     Other Non-Current Assets   4,971   5,202   5,566   5,957     Short-Term Debt   19   19   17     Other Current Liabilities   945   1,035   1,132   1,230   1     Long-Term Debt   1,822   1,806   1,790   1,774   1     Other Non-Current Liabilities   2,917   2,988   3,079   3,164   3,	% Change	2.3%	7.0%	6.3%	6.3%	6.5%
Net Income (Adjusted)	EBITDA	372	478	562	607	65
Net Income (Adjusted)   224   271   343   373   378   86   Change   28.1%   20.8%   26.6%   8.7%   88   26.6%   8.7%   8.8%   11   8.7%   8.7%   8.8%   11   8.7%   8.7%   8.8%   11   8.7%   8	% Change	-1.5%	28.6%	17.6%	7.9%	7.3%
K Change         28.1%         20.8%         26.6%         8.7%         8           Free Cash Flow Data (Dec)         (US\$ Millions)         2022A         2023A         2024E         2025E         20           Net Income from Cont Operations (GAAP)         224         272         343         373           Depreciation & Amortization         21         18         19         22           Change in Working Capital         (25)         (10)         27         46           Deferred Taxation Charge         (86)         1         (64)         (64)           Other Adjustments, Net         66         (15)         75         59         6           Capital Expenditure         0         0         0         0         0         0           Capital Expenditure         0	Net Interest & Other Income	(60)	(111)	(98)	(94)	(94
Free Cash Flow Data (Dec)  (USS Millions)  Ret Income from Cont Operations (GAAP)  Depreciation & Amortization  21 18 19 22  Change in Working Capital  Cother Adjustments, Net  66 (15) 75 59  Capital Expenditure  0 0 0 0 0  Free Cash Flow  Cost of Dividends Paid  Cost of Dividends Paid  Change in Debt  (16) (19) (20)  Change in Debt  Cost of Dividends Paid  Cost o	Net Income (Adjusted)	224	271	343	373	405
Net Income from Cont Operations (GAAP)   224   272   343   373   2027   2028	% Change	28.1%	20.8%	26.6%	8.7%	8.7%
Depreciation & Amortization   21   18   19   22   Change in Working Capital   (25)   (10)   27   46   Deferred Taxation Charge   (86)   1   (64)   (64)   (64)   Other Adjustments, Net   66   (15)   75   59   Capital Expenditure   0   0   0   0   0   0   0   0   Free Cash Flow   200   266   401   436   4	• •	2022A		2024E	2025E	2026
Change in Working Capital       (25)       (10)       27       46         Deferred Taxation Charge       (86)       1       (64)       (64)         Other Adjustments, Net       66       (15)       75       59         Capital Expenditure       0       0       0       0         Free Cash Flow       200       266       401       436         % Change       -12.5%       33.1%       50.5%       8.8%       11         Share / Issue Repurchase       53       40       0       0       0         Cost of Dividends Paid       0       0       0       0       0         Change in Debt       (16)       (19)       (20)       (20)         Balance Sheet Data (Dec)         (US\$ Millions)       2022A       2023A       2024E       2025E       20         Cash & Equivalents       498       732       1,113       1,529       1         Trade Receivables       455       500       483       529         Other Current Assets       446       520       615       624         Property, Plant & Equipment       161       149       130       107         Other Non-Current Asse	Net Income from Cont Operations (GAAP)	224	272	343	373	405
Deferred Taxation Charge         (86)         1         (64)         (64)           Other Adjustments, Net         66         (15)         75         59           Capital Expenditure         0         0         0         0           Free Cash Flow         200         266         401         436           % Change         -12.5%         33.1%         50.5%         8.8%         11           Share / Issue Repurchase         53         40         0         0         0           Cost of Dividends Paid         0         0         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)         (20)         (20)           Balance Sheet Data (Dec)         (US\$ Millions)         2022A         2023A         2024E         2025E         20           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529         20         615         624           Property, Plant & Equipment         161         14	•					24
Other Adjustments, Net         66         (15)         75         59           Capital Expenditure         0         0         0         0           Free Cash Flow         200         266         401         436           % Change         -12.5%         33.1%         50.5%         8.8%         11           Share / Issue Repurchase         53         40         0         0         0           Cost of Dividends Paid         0         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)           Balance Sheet Data (Dec)         Cost of Dividends Paid         2022A         2023A         2024E         2025E         20           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529         20           Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Asse		(25)	(10)	27	46	60
Capital Expenditure         0         0         0         0           Free Cash Flow         200         266         401         436           % Change         -12.5%         33.1%         50.5%         8.8%         11           Share / Issue Repurchase         53         40         0         0         0           Cost of Dividends Paid         0         0         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)         (20)           Balance Sheet Data (Dec)         Change in Debt         0         0         0         0         0           Balance Sheet Data (Dec)         0         (16)         (19)         (20)         (20)         (20)           Balance Sheet Data (Dec)         2022A         2023A         2024E         2025E         20           Change in Debt         498         732         1,113         1,529         1           Trade Receivables         498         732         1,113         1,529         1           Trade Receivables         496         520         615         624         4           Property, Plant & Equipment         161         149				. ,		(64
Free Cash Flow         200         266         401         436           % Change         -12.5%         33.1%         50.5%         8.8%         11           Share / Issue Repurchase         53         40         0         0         0           Cost of Dividends Paid         0         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)           Balance Sheet Data (Dec)           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529           Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17			, ,			62
% Change         -12.5%         33.1%         50.5%         8.8%         11           Share / Issue Repurchase         53         40         0         0           Cost of Dividends Paid         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)           Balance Sheet Data (Dec)           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529           Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1						(
Share / Issue Repurchase         53         40         0         0           Cost of Dividends Paid         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)           Balance Sheet Data (Dec)           (US\$ Millions)         2022A         2023A         2024E         2025E         20           Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529           Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>486</td>						486
Cost of Dividends Paid         0         0         0         0           Change in Debt         (16)         (19)         (20)         (20)           Balance Sheet Data (Dec)           (US\$ Millions)         2022A         2023A         204E         2025E         20           Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529         20           Other Current Assets         446         520         615         624         624           Property, Plant & Equipment         161         149         130         107         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1	•					11.6%
Change in Debt       (16)       (19)       (20)       (20)         Balance Sheet Data (Dec)       (US\$ Millions)       2022A       2023A       204E       2025E       20         Cash & Equivalents       498       732       1,113       1,529       1         Trade Receivables       455       500       483       529         Other Current Assets       446       520       615       624         Property, Plant & Equipment       161       149       130       107         Other Non-Current Assets       3,412       3,300       3,224       3,168       3         Total Assets       4,971       5,202       5,566       5,957       6,5         Short-Term Debt       19       19       19       17         Other Current Liabilities       945       1,035       1,132       1,230       1         Long-Term Debt       1,822       1,806       1,790       1,774       1         Other Non-Current Liabilities       131       130       138       142         Total Liabilities       2,917       2,989       3,079       3,164       3,         Total Equity       2,054						(
Cash & Equivalents   498   732   1,113   1,529   1						(2.0
(US\$ Millions)         2022A         2023A         2024E         2025E         2025E         2026E         2025E         2026E         2025E         2026E         2025E         2026E         2025E         2026E	Change in Debt	(16)	(19)	(20)	(20)	(20
Cash & Equivalents         498         732         1,113         1,529         1           Trade Receivables         455         500         483         529           Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,					20255	
Trade Receivables         455         500         483         529           Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,	• • •					2026
Other Current Assets         446         520         615         624           Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,75           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,						1,995
Property, Plant & Equipment         161         149         130         107           Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,75           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,70           Total Equity         2,054         2,213         2,487         2,794         3,80						645
Other Non-Current Assets         3,412         3,300         3,224         3,168         3           Total Assets         4,971         5,202         5,566         5,957         6,           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,						631
Total Assets         4,971         5,202         5,566         5,957         6, 550           Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,70           Total Equity         2,054         2,213         2,487         2,794         3,80						84
Short-Term Debt         19         19         19         17           Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,						3,112 <b>6,467</b>
Other Current Liabilities         945         1,035         1,132         1,230         1           Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,70           Total Equity         2,054         2,213         2,487         2,794         3,80					•	
Long-Term Debt         1,822         1,806         1,790         1,774         1           Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,						1 409
Other Non-Current Liabilities         131         130         138         142           Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,						1,408 1,758
Total Liabilities         2,917         2,989         3,079         3,164         3,           Total Equity         2,054         2,213         2,487         2,794         3,	-					1,750
Total Equity 2,054 2,213 2,487 2,794 3,						3,331
					•	3,331
Total Equity & Liabilities 4,971 5,202 5,566 5,957 6,		•				6,467

**Company Sector** 

Server & Enterprise Software

#### **Company Description**

Informatica was founded in 1993 and is based in Redwood City, CA. The company provides data management solutions for enterprises. The company recently launched a new product, IDMC, which is powered by CLAIRE AI, to address new data workloads. Its legacy product, PowerCenter, is not a future growth vector, but is still widely used in the end market. Informatica was previously public between 1999-2015, when it was taken private. It became public again in October 2021.

#### **Investment Rationale**

We believe that the rapid evolution of technology, applications being deployed everywhere (cloud, on-prem, hybrid), and new architectures is driving an explosion of data volumes from disparate data sources. Organizations need to leverage next-gen data management tools, like Informatica's IDMC platform, to help make sense of it all. We believe end market demand for IDMC will be strong in the coming years, which should drive healthy growth and profitability trends for the business.

## Stock Data

Average Daily Volume

## **Quarterly Earnings Estimates**

	2023	2024
Q1	0.15A	0.20E
Q2	0.17A	0.24E
Q3	0.27A	0.28E
04	0.32A	0.36F

1,091,259

<sup>\*</sup> For full definitions of  ${\it IQ} {\it method}^{\rm SM}$  measures, see page 7.

## **Abbreviation definitions**

ARR = annual recurring revenue

FX = foreign exchange

uFCF = unlevered free cash flow

SOTP = sum of the parts

EV/R/G = enterprise value / revenue / growth

IDMC = Intelligent Data Management Cloud

## **Key Metrics**

## **4Q23 Performance**

- Total revenue of \$445.2mn, +11.6% was above our/Street \$430.5/\$32.5mn
- Cloud subs ARR of \$616.8mn, +36.7%, was above our/Street \$610.0/609.3mn
- Subscription ARR of \$1,133mn, +13.9%, was above our/Street \$1,109mn/\$1,111mn
- Total ARR of \$1,626mn, +7.2%, was above our/Street \$1,600mn/\$1,603mn
- PF operating income of \$161.9mn (36.4% margin) was above our/Street \$141.1mn (32.8% margin)/ \$142.4mn (32.9% margin)
- PF EPS of \$0.32 was above our/Street \$0.29/0.30

## Guidance

- Initial FY24 revenue guidance of \$1,685-1,705mn is above our/Street \$1,627/\$1,683mn
- Cloud subscription ARR guidance of \$826-840mn is above our/Street \$792.1/\$815.9mn
- Total ARR guidance of \$1,718-1,772mn is above our/Street \$1,687/\$1,714mn
- Operating income guidance of \$535-555mn is above our/Street \$455.0/\$524.4
- uFCF guidance of \$535-555mn is above our \$445.9mn



**Exhibit 1: Variance**Total revenue exceeded our estimates by 1.1%

		4Q23A			
	BofA Est.	Actual	Variance		
Cloud subscription ARR	609,953	616,792	1.1%		
Y/Y change %	35.2%	36.7%	152bps		
Guidance (mn)	645-655				
Self-managed subscription ARR	498,664	515,874	3.5%		
Y/Y change %	(8.2%)	(5.0%)	317bps		
Subscription ARR	1,108,617	1,132,666	2.2%		
Y/Y change %	11.5%	13.9%	242bps		
Guidance (mn)	1,135-1,155				
Maintenance ARR	491,217	493,579	0.5%		
Y/Y change %	(1.4%)	(5.6%)	(418bps)		
Total ARR	1,599,834	1,626,245	1.7%		
Y/Y change %	5.5%	7.2%	174bps		
Guidance (mn)			·		
otal revenue	430,461	445,178	3.4%		
Y/Y change %	7.9%	11.6%	369bps		
Guidance (mn)	375-395				
billings	614,773	617,533	0.4%		
Y/Y change %	10.6%	11.1%	50bps		
F Operating income	141,107	161,881	14.7%		
PF operating margin	32.8%	36.4%	358bps		
Guidance (mn)	97-117				
djusted EBITDA	146,488	166,628	13.7%		
Adjusted EBITDA margin	34.0%	37.4%	340bps		
PF EPS	\$0.29	\$0.32	8.6%		
Inlevered Non-GAAP FCF (Incl. Tax)	116,446	154,755	24.8%		
FCF margin	9.0%	9.0%	0bps		
Guidance (mn)	102-122				

**Source:** BofA Global Research estimates, company filings

BofA GLOBAL RESEARCH



**Exhibit 2: Estimate revisions**We forecast total revenue of \$384.6mn in 1Q24.

		1Q24E			FY24E			FY25E			FY26E	
	New Estimate		Change %	New Estimate	Old Estimate	Change %	New Estimate	Old Estimate	Change %	New Estimate	Old Estimate	Change %
Cloud subscription ARR	650,716	652,649	(0.3%)	832,690	792,069	5.1%	1,062,747	1,004,686	5.8%	1,328,684	N/A	N/A
Y/Y change %	34.6%	35.0%	(40bps)	35.0%	29.9%	515bps	27.6%	26.8%	78bps	25.0%	N/A	N/A
Guidance	645-655			826-840								
Self-managed subscription ARR	493,949	483,704	2.1%	445,029	441,464	0.8%	377,984	390,825	(3.3%)	321,039	N/A	N/A
Y/Y change %	(8.1%)	(10.0%)	191bps	(13.7%)	(11.5%)	(226bps)	(15.1%)	(11.5%)	(359bps)	(15.1%)	N/A	N/A
Subscription ARR	1,144,665	1,136,354	0.7%	1,277,719	1,233,533	3.6%	1,440,731	1,395,510	3.2%	1,649,723	N/A	N/A
Y/Y change %	12.1%	11.3%	81bps	12.8%	11.3%	154bps	12.8%	13.1%	(37bps)	14.5%	N/A	N/A
Guidance	1,135-1,155			1,261-1,295								
Maintenance ARR	487,409	481,392	1.2%	466,985	453,083	3.1%	413,419	417,909	(1.1%)	365,997	N/A	N/A
Y/Y change %	(4.9%)	(6.1%)	117bps	(5.4%)	(7.8%)	238bps	(11.5%)	(7.8%)	(371bps)	(11.5%)	N/A	N/A
Total ARR	1,632,074	1,617,746	0.9%	1,744,704	1,686,615	3.4%	1,854,150	1,813,419	2.2%	2,015,719	N/A	N/A
Y/Y change %	6.4%	5.5%	93bps	7.3%	5.4%	186bps	6.3%	7.5%	(125bps)	8.7%	N/A	N/A
Guidance				1,718-1,772								
Total revenue	384,566	368,006	4.5%	1,696,267	1,626,920	4.3%	1,798,365	1,751,642	2.7%	1,898,069	N/A	N/A
Y/Y change %	5.2%	0.7%	453bps	6.3%	2.9%	340bps	6.0%	7.7%	(165bps)	5.5%	N/A	N/A
Guidance	375-395			1,685-1,705								
Billings	345,230	328,072	5.2%	1,825,094	1,794,981	1.7%	1,937,525	1,919,847	0.9%	2,083,961	N/A	N/A
Y/Y change %	3.7%	(1.4%)	516bps	8.5%	6.9%	161bps	6.2%	7.0%	(80bps)	7.6%	N/A	N/A
PF Operating income	107,338	89,801	19.5%	542,981	455,467	19.2%	584,154	495,050	18.0%	627,010	N/A	N/A
PF operating margin	27.9%	24.4%	351bps	32.0%	28.0%	401bps	32.5%	28.3%	422bps	33.0%	N/A	N/A
Guidance	97-117			533-553								
Adjusted EBITDA	112,145	94,401	18.8%	562,315	475,804	18.2%	606,634	516,946	17.3%	650,736	N/A	N/A
Adjusted EBITDA margin	29.2%	25.7%	351bps	33.2%	29.2%	390bps	33.7%	29.5%	422bps	34.3%	N/A	N/A
PF EPS	\$0.20	\$0.17	15.3%	\$1.08	\$0.90	16.7%	\$1.12	\$0.96	14.4%	\$1.17	N/A	N/A
Unlevered Non-GAAP FCF (Incl. Tax)	111,186	89,174	19.8%	544,720	445,939	18.1%	575,820	499,192	13.3%	626,192	N/A	N/A
FCF margin	28.9%	24.2%	468bps	32.1%	27.4%	470bps	32.0%	28.5%	352bps	33.0%	N/A	N/A
Guidance	102-122		•	535-555		•			·			

**Source:** BofA Global Research estimates, company filings

BofA GLOBAL RESEARCH



## Price objective basis & risk

#### Informatica Inc. (INFA)

Our \$39 PO is based on a SOTP valuation analysis. On a consolidated basis, the SOTP implies a 8.0x EV/C24E revenue multiple. For our SOTP, we use a 11.5x EV/C24E subscription revenue multiple, that translates to an EV/R/G of 0.65x, a premium to infrastructure peers at 8.6x/0.5x, warranted for 35%+ growth vs. mid-teens% peers. We use a 2.0x EV/C24E multiple for the rest of the revenue, as its legacy maintenance revenue stream is not a strategic growth vector. This compares to 5.5x for legacy software peers.

Risks to our PO are: 1) competition, 2) transition takes time, 3) execution, 4) shifts in cloud and self-managed could affect recognized revenue, 5) pricing changes that elevate churn, and 6) macro related risks.

## **Analyst Certification**

I, Koji Ikeda, CFA, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

**US - Enterprise Software Coverage Cluster** 

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	8x8	EGHT	EGHT US	Michael J. Funk
	Adobe	ADBE	ADBE US	Brad Sills
	Alarm.com	ALRM	ALRM US	Michael J. Funk
	Amplitude, Inc.	AMPL	AMPL US	Koji Ikeda, CFA
	BILL	BILL	BILL US	Brad Sills
	CCC Intelligent Solutions	CCCS	CCCS US	Michael J. Funk
	Dropbox	DBX	DBX US	Michael J. Funk
	Dynatrace	DT	DT US	Koji Ikeda, CFA
	Elastic NV	ESTC	ESTC US	Koji Ikeda, CFA
	GitLab Inc.	GTLB	GTLB US	Koji Ikeda, CFA
	Global-e Online Ltd.	GLBE	GLBE US	Koji Ikeda, CFA
	HubSpot	HUBS	HUBS US	Brad Sills
	Informatica Inc.	INFA	INFA US	Koji Ikeda, CFA
	Intapp Inc.	INTA	INTA US	Koji Ikeda, CFA
	Intuit	INTU	INTU US	Brad Sills
	JFrog Ltd	FROG	FROG US	Koji Ikeda, CFA
	MeridianLink, Inc.	MLNK	MLNK US	Koji Ikeda, CFA
	Microsoft Corporation	MSFT	MSFT US	Brad Sills
	MongoDB Inc	MDB	MDB US	Brad Sills
	nCino, Inc.	NCNO	NCNO US	Adam Bergere
	NICE Ltd.	NICE	NICE US	Michael J. Funk
	NICE Ltd.	NCSYF	NICE IT	Michael J. Funk
	PagerDuty	PD	PD US	Koji Ikeda, CFA
	PowerSchool Holdings, Inc.	PWSC	PWSC US	Koji Ikeda, CFA
	RingCentral	RNG	RNG US	Michael J. Funk
	Salesforce.com	CRM	CRM US	Brad Sills
	ServiceNow	NOW	NOW US	Brad Sills
	UiPath	PATH	PATH US	Brad Sills
	Unity	U	U US	Michael J. Funk
	Weave	WEAV	WEAV US	Michael J. Funk
	Workday Inc.	WDAY	WDAY US	Brad Sills
	Zeta Global	ZETA	ZETA US	Koji Ikeda, CFA
	ZoomInfo	ZI	ZI US	Koji Ikeda, CFA
NEUTRAL				
	Autodesk	ADSK	ADSK US	Michael J. Funk

#### **US - Enterprise Software Coverage Cluster**

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Bentley Systems	BSY	BSY US	Michael J. Funk
	BigCommerce Holdings, Inc.	BIGC	BIGC US	Koji Ikeda, CFA
	Coveo	YCVO	CVO CN	Koji Ikeda, CFA
	Datadog Inc	DDOG	DDOG US	Koji Ikeda, CFA
	DocuSign	DOCU	DOCU US	Brad Sills
	Freshworks, Inc.	FRSH	FRSH US	Adam Bergere
	HashiCorp	HCP	HCP US	Brad Sills
	Jamf	JAMF	JAMF US	Koji Ikeda, CFA
	Lightspeed Commerce Inc.	LSPD	LSPD US	Koji Ikeda, CFA
	Lightspeed Commerce Inc.	YLSPD	LSPD CN	Koji Ikeda, CFA
	Oracle Corporation	ORCL	ORCL US	Brad Sills
	Paycom	PAYC	PAYC US	Adam Bergere
	Paylocity	PCTY	PCTY US	Adam Bergere
	Shopify, Inc.	SHOP	SHOP US	Brad Sills
	Snowflake	SNOW	SNOW US	Brad Sills
	Veeva Systems, Inc.	VEEV	VEEV US	Brad Sills
	Zoom Video Communications	ZM	ZM US	Michael J. Funk
UNDERPERFORM				
	AvidXchange, Inc.	AVDX	AVDX US	Brad Sills
	Blackbaud, Inc.	BLKB	BLKB US	Koji Ikeda, CFA
	BlackLine, Inc.	BL	BL US	Koji Ikeda, CFA
	C3.ai	Al	AI US	Brad Sills
	Confluent	CFLT	CFLT US	Brad Sills
	CS Disco, Inc.	LAW	LAW US	Koji Ikeda, CFA
	Enfusion, Inc.	ENFN	ENFN US	Koji Ikeda, CFA
	Five9	FIVN	FIVN US	Michael J. Funk
	Guidewire Software, Inc.	GWRE	GWRE US	Michael J. Funk
	Twilio	TWLO	TWLO US	Michael J. Funk
	Vertex, Inc.	VERX	VERX US	Brad Sills
RSTR				
	Splunk	SPLK	SPLK US	Brad Sills

## *io*<sub>method</sub><sup>sM</sup> Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 $-$ Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization
CO. A. ASSESSED AND CONTRACTOR OF THE PROPERTY	and the standard are a consistent and the standard standard and the standard standard standard to the standard	in a Daring Daring Daring Control of the Control of

Manethod Suis the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

\*\*Redatabase\*\* is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

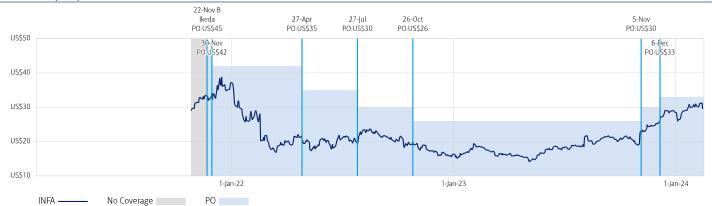
\*\*Morofile\*\*\*, \*\*Morethod\*\*\* are service marks of Bank of America Corporation. \*\*Molatabase\*\* is a registered service mark of Bank of America Corporation.



## **Disclosures**

## **Important Disclosures**

#### Informatica Inc. (INFA) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Technology Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	215	53.09%	Buy	111	51.63%
Hold	97	23.95%	Hold	45	46.39%
Sell	93	22.96%	Sell	24	25.81%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%
01.		and the second second			

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of both a stock's absolute total return potential as well as its attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). Our investment ratings are: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. An investment rating of 6 (No Rating) indicates that a stock is no longer trading on the basis of fundamentals. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

Buy	≥ 10%	≤ /0%
Neutral	≥ 0%	≤ 30%
nderperform	N/A	≥ 20%

R2Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/lower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofA Global Research report referencing the stock.

Price Charts for the securities referenced in this research report are available on the Price Charts website, or call 1-800-MERRILL to have them mailed.

BofAS or one of its affiliates acts as a market maker for the equity securities recommended in the report: Informatica Inc.

BofAS or an affiliate has received compensation from the issuer for non-investment banking services or products within the past 12 months: Informatica Inc.

The issuer is or was, within the last 12 months, a non-securities business client of BofAS and/or one or more of its affiliates: Informatica Inc.

BofAS or one of its affiliates is willing to sell to, or buy from, clients the common equity of the issuer on a principal basis: Informatica Inc.

The issuer is or was, within the last 12 months, a securities business client (non-investment banking) of BofAS and/or one or more of its affiliates: Informatica Inc.

BofA Global Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.



Ur

## **Other Important Disclosures**

From time to time research analysts conduct site visits of covered issuers. BofA Global Research policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits.

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments. Refer to BofA Global Research policies relating to conflicts of interest.

"BofA Securities" includes BofA Securities, Inc. ("BofAS") and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. "BofA Securities" is a global brand for BofA Global Research.

#### Information relating to Non-US affiliates of BofA Securities and Distribution of Affiliate Research Reports:

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at www.bofaml.com/BofASEdisclaimer; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI; BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch (Hong Kong): Merrill (Hong Kong): Merr (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSFC); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch (Canada): Merrill Lynch (Canada): Merrill Lynch (Mexico): Merrill Ly de Bolsa, regulated by the Comisión Nacional Bancaria y de Valores; Merrill Lynch (Argentina): Merrill Lynch Argentina SA, regulated by Comisión Nacional de Valores; BofAS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch (Israel): Merrill Lynch (Israel): Merrill Lynch (Israel) (Israel): Merrill Lynch (Israel): Merr Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority.

This information: has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA Information in Germany and is regulated by Merrill Lynch (DIFC) is done so in accord

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

#### General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Securities. This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. Digital assets are extremely speculative, volatile and are largely unregulated. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such



securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

This report may contain a short-term trading idea or recommendation, which highlights a specific near-term catalyst or event impacting the issuer or the market that is anticipated to have a short-term price impact on the equity securities of the issuer. Short-term trading ideas and recommendations are different from and do not affect a stock's fundamental equity rating, which reflects both a longer term total return expectation and attractiveness for investment relative to other stocks within its Coverage Cluster. Short-term trading ideas and recommendations may be more or less positive than a stock's fundamental equity rating.

BofA Securities is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned herein. Investors in such securities and instruments, including ADRs, effectively assume currency risk.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Securities, through business units other than BofA Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information. In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

#### BofA ESGMeter Methodology:

ESGMeter is a proprietary metric based on quantitative analysis and fundamental analyst inputs that reflects our assessment of a company's Environmental, Social and Governance-related attributes. The ESGMeter is intended to indicate a company's likelihood of experiencing stronger financial stability (higher return on equity and lower earnings and price volatility) over the next three years relative to peer group. There are three ESGMeter levels - Low, Medium, and High - which indicate whether a company has attributes most likely to translate into superior financial stability (in the case of a High level) or weaker financial stability (in the case of a Low level) over the next three years relative to its peer group. A Medium level suggests that a company exhibits ESG characteristics that are likely associated with financial stability results in line with its peer group over the next three years. Full details of our methodology, financial stability definition and disclaimers are available at BofA ESGMeter methodology. ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of the BofA Global Research fundamental equity analyst's investment rating, volatility risk rating, income rating or price objective for that company.

#### Copyright and General Information:

Copyright 2024 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Securities. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities. Materials prepared by BofA Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public inform

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Securities is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

Subject to the quiet period applicable under laws of the various jurisdictions in which we distribute research reports and other legal and BofA Securities policy-related restrictions on the publication of research reports, fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.

