Sidoti & Company, LLC

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Member FINRA & SIPC



NR

Price Target: \$7 Price: \$1.31 Risk Rating: M

Sify Technologies Limited Sponsored ADR (SIFY)

4Q:F23 Revenue Beat, Profit Missed Our Forecast; Sify's Data Center Investments Will Be A Major Catalyst For Revenue Growth And Improved Profitability In F2024-F2025; Maintain \$7 Target

	F2022	F20	23	<u>F20</u>	<u>24E</u>	<u>F2</u>	0 <u>25E</u>
		OLD	NEW	OLD	NEW	OLD	NEW
June	\$0.03	\$0.02A		\$0.01		\$0.02	\$0.01
Sep.	0.03	0.01A		0.02	0.01	0.03	0.02
Dec.	0.03	0.02A		0.02	0.01	0.04	0.02
Mar.	<u>0.03</u>	<u>0.01</u>	<u>0.00A</u>	<u>0.02</u>		0.06	<u>0.05</u>
EPS (FY) EPS (Cal.)	\$0.12 \$0.08	\$0.07 \$0.04	\$0.06 \$0.02E	\$0.07 \$0.08	\$0.04 \$0.06	\$0.14	\$0.10
P/E (FY) P/E (Cal.)			21.8x 65.5x		32.8x 21.8x		16.4x

Note: NR = Not Rated. Risk Ratings: H = High; M = Moderate. F2022-F2025E EPS estimates assume 178 million fully diluted shares, constantcurrency USD/INR exchange rate of 65. Sum of quarterly data may not equal full-year total due to rounding and/or changes in share count. NC = Not covered by Sidoti & Company, LLC.

Year	F2016	F2017	F2018	F2019	F2020	F2021	F2022	F2023	F2024E	F2025E
Rev.(Mil.)	\$231.3	\$283.6	\$318.2	\$331.5	\$353.1	\$374.1	\$415.8	\$513.9	\$563.8	\$681.4
GAAP EPS	\$0.04	\$0.06	\$0.08	\$0.09	\$0.06	\$0.09	\$0.12	\$0.07	\$0.07	\$0.10

Description: Sify Technologies Ltd., (www.sifytechnologies.com) is one of the largest integrated Information & Communication Technology (ICT) solutions and services companies in India, offering end-to-end solutions over a common telecom data network infrastructure. Sify's network reaches more than 1,550 cities in India and connects 45 data centers, including six owned Tier 3 data centers. Headquarters are in Chennai, India.

- Demand for Sify's services remained strong in 4Q:F23, with revenue rising 30% year over year to \$136.3 million, topping our \$127 million forecast.
- Although revenue topped our estimate, operating profit was below our expectation.
- All segments outperformed our expectations with Digital Services, Data Center Services and Network Services growing 63%, 37%, and 11% respectively.
- Revenue mix narrowed the gross margin in 4Q:23. Sify is also increasing spending to support its infrastructure and services investments. Increased interest and depreciation expense from its data center investments is further crimping Sify's profitability.
- The expansion of its Data Center capacity will be a major catalyst of growth for Sify. We expect profitability to improve as revenue from these investments begins to flow later this year.
- At the end of F2023, net debt was \$270 million, or 2.2x TTM EBITDA.
- Data center investments are likely to result in free cash outflows in F2024-F2025, but given Kotak Advisors' recent investment, the balance sheet's modest leverage, and cash generated from operations we think Sify has access to sufficient capital to fund its growth.
- We maintain our \$7 price target, based on 70x our F2025 EPS forecast of \$0.10.
- Our moderate risk rating considers Sify's growth potential and modest leverage.

Sify ended F2023 on a strong note with all segments topping our revenue forecasts... Revenue in 4Q:F23 grew 30% to \$136.3 million, topping our \$127 million forecast. The beat was mostly driven by Sify's Digital Services segment where revenue increased 63% to \$43 million, topping our \$35.9 million forecast. This segment is comprised of Sify's Cloud and Managed services as well as its Technology Integration and Application Integration services and while it did top our expectations in 4Q:F23, Technology Integration services are very project-based which can lead to large quarterly fluctuations depending on project timing. To a lesser extent, Sify's other segments also delivered better-than-expect growth with Network

1/23

7/20

1/21 7/21

1/22 7/22

Sify Technologies Limited Sponsored ADR

Key Statistics	
Analysts Covering	1
Market Cap (Mil)	\$240
Enterprise Value	\$441
52-Week Range (NASDAQ)	3-1
5-Year EPS CAGR	20%
Avg. Daily Trading Volume	92,000
Shares Out (Mil)	182.742
Float Shares (Mil)	24.1
Insider Ownership	86%
Institutional Holdings	1%
Annualized Dividend	Nil
Dividend Yield	N/A
FCF Per Share (F2025E)	(\$0.09)
FCF Yield (F2025E)	-7.6%
Net Cash Per Share (F2025E)	(\$2.00)
Price to Book Value	1.3x
Return on Equity (F2025E)	7.4%
Total Debt to Capital	Nil
Interest Coverage Ratio	1.5x
Short Interest %	N/A%
Short Interest Days To Cover	0.2
Russell 2000	1,789
Russell 2000 – Last 12 Months	-10.0%
SIFY – Last 12 Months	-48.4%

SIFY TECHNOLOGIES LIMITED SPONSORED ADR

Services revenue rising 11% to \$54 million as compared with our \$52.5 million forecast. Finally, Data Center Services revenue growth was slightly better than we forecast with revenue rising 37% to \$39.3 million versus our \$38.6 million estimate.

Profitability in 4Q:F23 was below our forecast. Gross margin declined to 35.5% from 40.1% a year ago, missing our 39.1% forecast. The EBITDA margin also declined 410 basis points to 18.5%, missing our 20.5% forecast. The gross margin varies depending on the revenue mix in a given quarter, with lower-margin project work in its Technology Integration Services typically driving quarterly variances. That was the case this quarter. Sify is also adding to its headcount to support its network investments and the growth of its Digital Services. In our view, management, has been prudent in controlling spending, and although margins (excluding the change in revenue mix) were a little lower than we projected, the company is still delivering profitable growth and we expect to see margins rebound as the company's network and data center investments begin generating more meaningful revenue. EBITDA grew just 6.6% to \$25.2 million, missing our \$26.1 million forecast. However, net income declined 90%, due to higher depreciation and interest expense tied to Sify's Data Center and network investments, leading to EPS of \$0.00, which was below our \$0.01 forecast.

We remain bullish on the long-term growth potential of Sify's Data Center Services. Given the strong secular trends driving data demand in India, the data center market there is on the cusp of major growth, with the number of third-party data centers projected to grow from 138 with 737 megawatts of capacity as of March 2022 to 183 with 1,752 megawatts of capacity. Sify is going to be a major part of this expansion, in our opinion. The company operates 11 data centers with about 100 megawatts of capacity and plans to add six new data centers with an additional 150 megawatts of capacity over the next 18 months. Over the next 4-5 years, Sify aims to more than quadruple its data center capacity to 25 units and 400-500 megawatts. This capacity expansion will provide a long runway of growth for Sify.

Sify has financing in place to fund expansion. Last November Sify received a \$135 million commitment from Kotak Advisors' Special Situations Fund in the form of Compulsory Convertible Debentures, the first \$55 million of which was called by Sify in 2022 and the remaining \$80 million of capital is callable between F2022 and F2025. In addition to this lower-cost source of capital, Sify ended F2023 with a net debt-to-TTM EBITDA ratio of 2.2x. We think the company has the capacity to tap the debt markets as needed. Also, because the Kotak converts are considered as equity by the banks, we think Sify can safely borrow at least as much as it took in from Kotak. This should also be easier and less costly now that the Indian government has given the data center industry infrastructure status. We also project Sify to average about \$80 million of annual operating cash flow in F2024 and F2025, which will help fund a good portion of the \$305 million of total capital spending we project in F2024-F2025.

Exhibit 1: Sify Technologies	Variance Analysis					
	4Q:F23E	4Q:F23A	Var	4Q:F22A	4Q:F23A	% Change
Total revenue	\$127.0	136.3	9.3	\$104.7	136.3	30.2%
Gross Profit	49.7	48.4	(1.3)	42.0	48.4	15.2%
(%)	39.1%	35.5%		40.1%	35.5%	
EBITDA	26.1	25.2	(0.9)	23.7	25.2	6.6%
(%)	20.6%	18.5%		22.6%	18.5%	
Diluted EPS	\$0.01	\$0.00	(\$0.01)	\$0.03	\$0.00	(100.0%)

Sources: Sidoti & Company, LLC estimates and company filings

ValuationWe maintain our \$7 price target on SIFY. The pandemic curbed India's economic growth for a short period
but did not change the long-term trajectory of digital transformation. We view Sify as a primary beneficiary of
this transformation. With the stock trading at enterprise value of just 4x our F2024 EBITDA projection and 3x
our F2025 forecast, SIFY is valued at a steep discount to peers in the India telecom and application and
technology integration market players group, which trade 8x-12x EBITDA. Given Sify's track record of revenue
and EBITDA growth and its potential for continued expansion, we see merit to the stock trading at the high-
end of the peer range. Our \$7 price target is based on 70x our F2024 EPS estimate of \$0.10. This valuation
equates to 10x our F2025 EBITDA estimate of \$159 million, less projected net debt of \$415 million, to yield
\$1.2 billion, or \$6.75 per share. The company's growth potential and modest leverage support our moderate
risk rating.Key RisksForeign exchangeConcentrated ownership

Table 1: Sify Technologies Ltd., Income Statement

(Dollars in millions except where noted)

Total revenue COGS	Jun 99.2 60.1	Sep 107.5	Dec 104.4	Mar	F2022	Jun	Sep	Dec	Mar	F2023	JunE	SepE	DecE	MarE	F2024E	F2025E
COGS		107.5	104.4	104 5												
	60.1		10.007	104.7	415.8	118.6	122.1	136.9	136.3	513.9	129.7	134.1	141.1	158.8	563.8	681.4
		64.6	60.5	62.7	247.9	75.5	76.7	88.7	87.9	328.9	77.7	80.5	84.6	96.6	339.4	401.2
Gross profit	39.2	42.8	43.9	42.0	167.9	43.1	45.4	48.1	48.4	185.0	52.0	53.6	56.6	62.2	224.3	280.2
SG&A	16.8	20.1	19.7	18.4	74.9	19.6	22.2	23.2	23.2	88.2	24.3	25.1	26.4	27.3	103.0	121.1
EBITDA	22.4	22.7	24.2	23.6	92.9	23.5	23.2	24.9	25.2	96.8	27.7	28.5	30.2	34.9	121.3	159.0
D&A	12.3	12.2	12.9	13.2	50.5	14.3	14.7	15.3	16.8	61.1	18.1	19.3	20.6	22.0	80.1	94.9
EBIT	10.0	10.6	11.4	10.5	42.4	9.2	8.5	9.6	8.4	35.7	9.7	9.2	9.5	12.9	41.2	64.2
Interest and other expense (income)	3.5	3.9	4.3	4.1	15.8	4.3	5.6	6.5	5.6	22.0	8.2	8.2	8.2	8.2	32.7	41.5
Other expense (income)	(0.2)	(0.4)	(0.3)	(0.9)	(1.8)	(1.2)	(0.4)	(0.4)	(0.0)	(2.0)	(0.5)	(0.5)	(0.5)	(0.5)	(2.2)	(2.2)
EBT	6.8	7.1	7.3	7.2	28.4	6.1	3.4	3.5	2.8	15.7	2.0	1.5	1.9	5.2	10.7	24.8
Taxes	1.7	1.6	2.0	2.2	7.6	1.9	1.7	(0.5)	2.2	5.3	0.6	0.5	0.6	1.6	3.2	7.4
Net income	5.1	5.5	5.3	5.0	20.8	4.2	1.7	4.0	0.5	10.4	1.4	1.1	1.3	3.7	7.5	17.4
EPS - diluted	\$0.03	\$0.03	\$0.03	\$0.03	\$0.12	\$0.02	\$0.01	\$0.02	\$0.00	\$0.06	\$0.01	\$0.01	\$0.01	\$0.02	\$0.04	\$0.10
Shares outstanding - diluted	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0
Margins																
Gross margin	39.5%	39.9%	42.0%	40.1%	40.4%	36.3%	37.2%	35.2%	35.5%	36.0%	40.1%	40.0%	40.1%	39.2%	39.8%	41.1%
EBITDA	22.5%	21.1%	23.2%	22.6%	22.3%	19.8%	19.0%	18.2%	18.5%	18.8%	21.4%	21.3%	21.4%	22.0%	21.5%	23.3%
Operating margin	10.1%	9.8%	10.9%	10.0%	10.2%	7.8%	7.0%	7.0%	6.2%	6.9%	7.5%	6.8%	6.7%	8.1%	7.3%	9.4%
Net margin	5.1%	5.1%	5.1%	4.8%	5.0%	3.5%	1.4%	2.9%	0.4%	2.0%	1.1%	0.8%	0.9%	2.3%	1.3%	2.6%
Growth YoY																
YoY																
Total revenue	22.7%	18.4%	7.6%	(0.8%)	11.1%	19.5%	13.6%	31.2%	30.2%	23.6%	9.4%	9.8%	3.1%	16.5%	9.7%	20.9%
Gross profit	18.0%	23.7%	20.6%	(4.1%)	13.4%	10.0%	5.9%	9.7%	15.3%	10.2%	20.7%	18.1%	17.5%	28.4%	21.3%	24.9%
EBITDA	26.1%	24.2%	21.9%	5.6%	18.8%	4.9%	2.2%	2.9%	6.6%	4.1%	18.2%	22.9%	21.1%	38.4%	25.3%	31.1%
EBIT	31.7%	31.6%	27.0%	4.3%	22.5%	(8.3%)	(19.5%)	(15.6%)	(19.8%)	(15.9%)	5.1%	7.8%	(0.7%)	53.4%	15.5%	55.7%
EPS	91.3%	38.5%	36.5%	(10.5%)	29.7%	(17.6%)	(68.5%)	(25.0%)	(89.5%)	(50.1%)	(65.9%)	(37.6%)	(66.9%)	598.8%	(28.1%)	132.7%

Note: Historical results and estimates assume constant currency USD/INR exchange rate of 65

Sources: Sidoti & Company, LLC. estimates and company reports

Table 2: Sify Technologies Ltd.. Cash Flow Statement

(Dollars in millions except where noted)

	F2022	F2023	F2024E	F2025E
Net income	\$19.3	\$10.4	\$7.5	\$17.4
D&A	50.7	62.4	80.1	94.9
Provision for doubtful accounts	6.7	-	-	-
Stock compensation	0.4	0.2	0.2	0.2
Net finance (income) / expense	15.8	-	-	-
Unrealized (gain) / loss on account of exchange differences	(0.2)	-	-	-
Amortization of leasehold prepayments	-	-	-	-
Accounts receivable	(62.8)	(14.9)	(22.4)	(52.9)
Inventory	(15.3)	0.9	(1.2)	(6.8)
Prepaid and other current assets	10.6	-	-	-
Accounts payable	21.0	39.4	6.8	40.1
Employee benefits	(1.1)	-	-	-
Deferred income	-	-	-	-
Income taxes (paid)/ refund received	(19.6)	-	-	-
Cash from operating activities	34.5	100.9	70.9	92.8
PPE	(104.6)	(203.4)	(197.3)	(109.0)
Intangible assets	-	-	-	-
Investments in debt securities	(4.1)	-	-	-
Finance income received	-	-	-	-
Cash from investing activities	(112.4)	(203.4)	(197.3)	(109.0)
Proceeds (purchase) of common stock	0.7	-	-	-
Debt	85.5	108.3	84.6	38.5
Finance expenses paid	(17.1)	-	-	-
Proceeds (repayment) finance lease liabilities	(4.9)	-	-	-
Dividend and distribution tax	-	-	-	-
Cash from financing activities	64.2	108.3	84.6	38.5
FX	-	-	-	-
Net change in cash	(13.7)	5.8	(41.8)	22.3
Cash at the beginning of period	84.3	70.6	76.4	34.7
Cash at the end of period	70.6	76.4	34.7	56.9
FCF	(70.1)	(102.5)	(126.4)	(16.2)
FCF / share	(\$0.39)	(\$0.58)	(\$0.71)	(\$0.09)
Note: Historical results and estimates assume constant currency USD			(,)	(, /
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Sources: Sidoti & Company, LLC. estimates and company reports

Table 3: Sify Technologies Ltd., Balance Sheet

(Dollars in millions except where noted)

	F2022	F2023	F2024E	F2025E
Cash	58.2	64.0	22.2	44.5
Restricted cash	12.2	12.2	12.2	12.2
Inventory	\$37.0	\$36.2	\$37.3	\$44.1
Accounts receivable	216.3	231.3	253.7	306.6
Prepaid expenses	14.8	14.8	14.8	14.8
Total current assets	338.6	358.4	340.3	422.3
PPE	256.8	384.4	501.6	515.8
Intangible assets	9.8	9.8	9.8	9.8
Lease payments	-	-	-	-
Other assets	32.9	32.9	32.9	32.9
Other investments	7.3	7.3	7.3	7.3
Total assets	645.4	792.8	891.9	988.0
Finance lease obligations	-	-	-	-
Borrowings	109.4	109.4	109.4	109.4
Bank overdraft	5.7	5.7	5.7	5.7
Accounts payable	174.4	213.8	220.6	260.8
Deferred income	-	-	-	
Total current liabilities	324.7	364.1	370.9	411.0
Finance lease obligations	-	-	-	-
Long-term debt	119.5	174.0	258.6	297.1
Employee benefits	2.2	2.2	2.2	2.2
Other liabilities	55.0	55.0	55.0	55.0
Compulsory convertible debentures	-	53.8	53.8	53.8
Other	-	-	-	-
Other	-	-	-	-
Total liabilities	501.4	649.1	740.6	819.2
Share capital	28.3	28.5	28.6	28.8
Share premium	302.7	302.7	302.7	302.7
Share based payment reserve	5.4	5.4	5.4	5.4
Other components of equity	1.2	(9.6)	(9.6)	(9.6)
Accumulated defecit	(114.9)	(104.5)	(97.0)	(79.6)
Total stockholders' equity	222.7	222.4	230.1	247.6
Total liabilities and equity	724.1	871.5	970.6	1,066.7
ROE	10.7%	5.1%	3.4%	7.4%
Total Debt-to-capital	50.7%	56.0%	61.5%	62.1%
Net debt-to-TTM EBITDA	1.76x	2.20x	2.79x	2.23x
Cash (debt) per share	(\$0.92)	(\$1.20)	(\$1.91)	(\$2.00)

Note: Historical results and estimates assume constant currency USD/INR exchange rate of 65

Sources: Sidoti & Company, LLC. estimates and company reports

Required Disclosures

Sify Technologies Limited Sponsored ADR (SIFY-\$1.31) NR Price Target: \$7 **Risk Rating: M**

Rating and Price Target History Table

Action	Date	Рx	Rating PT	Risk Rating
PT	1/28/21	2.3	5	
PT	5/7/21	2.9	6	
PT	10/29/21	3.5	7	



Source: FactSet Prices

Valuation	but did not change the long-term tra this transformation. With the stock tr our F2025 forecast, SIFY is valued a technology integration market playe revenue and EBITDA growth and its the high-end of the peer range. Our valuation equates to 10x our F2025	SIFY. The pandemic curbed India's economic growth for a short period jectory of digital transformation. We view Sify as a primary beneficiary of ading at enterprise value of just 4x our F2024 EBITDA projection and 3x at a steep discount to peers in the India telecom and application and rs group, which trade 8x-12x EBITDA. Given Sify's track record of potential for continued expansion, we see merit to the stock trading at \$7 price target is based on 70x our F2024 EPS estimate of \$0.10. This EBITDA estimate of \$159 million, less projected net debt of \$415 million, are. The company's growth potential and modest leverage support our
Key Risks	Foreign exchange	Concentrated ownership

(IF A COMPANY SPONSORED RESEARCH ("CSR") REPORT, ALSO REFER TO ADDITIONAL CSR-SPECIFIC DISCLOSURES PROVIDED BELOW)

Rating System

Sidoti's Equity Research rating system consists of BUY and NEUTRAL recommendations, as well as a NOT RATED classification. We do not assign these BUY or NEUTRAL ratings for companies covered under our Company Sponsored Research program. Companies (or equity securities) covered by our CSR program are classified as NOT RATED (NR) and are only assigned a HIGH (H) or MODERATE (M) risk rating. Unless otherwise noted in a report, Sidoti ratings should be interpreted as follows:

Rating	Industry	Interpretation
BUY	All, except Utilities	Capital appreciation of at least 25% over the next 12 months
NEUTRAL	All, except Utilities	Capital appreciation of less than 25% over the next 12 months
BUY	Utilities(a)	Capital appreciation of at least 15% over the next 12 months
NEUTRAL	Utilities(a)	Capital appreciation of less than 15% over the next 12 months
HIGH (RISK)	All in CSR program	 Companies/equities with among others, one or more of the following characteristics: significant potential for loss of principal; significant share price volatility; limited revenue or cash flow and/or high unpredictability associated with revenue and cash flow; short and/or unprofitable operating history;

		 potentially significant issues regarding operational and/or financial success; problematic financial, liquidity, legal, regulatory or political issues; upcoming need for additional capital when availability is questionable; significant related party transactions which could lead to a conflict of interest; any other factor that the analyst believes could materially and adversely impact the subject company and/or the value of its securities.
MODERATE (RISK)	All in CSR program	Companies which have many of the same risks as described under the HIGH risk rating, but which risks are mitigated (on a relative basis and in the opinion of the analyst) due to, among others, one or more of the following: • more stable and predictable revenue, profits and cash flow; • more established operating history; • more favorable operating or business environment • lower potential for financial, liquidity, regulatory or political issues; or • less onerous upcoming capital needs.

(a) those with at least 75% of operations derived from regulated state and federal businesses

Percentage of Covered Companies with Each Rating and Realization of Investment Banking Income from Covered Companies Over the Past 12 Months:

With reference to the information described in the header immediately above please refer to the table below, which is as of, and reflects information immediately prior to, the publication of this report:

Rating	# of Companies	% (b)	Realized Investment Banking Income (# of companies with rating)	Realized Investment Banking Income (% of companies with rating)
BUY	96	57.8%	1	1.0%
NEUTRAL(a)	14	8.4%	0	0.0%
NOT RATED	1	0.6%	1	100.0%
NR -CSRs Moderate Risk (c)	48	28.9%	0	0.0%
NR -CSRs High Risk (c)	7	4.2%	0	0.0%
TOTAL	166	100%	2	1.2%

(a) Of the NEUTRALS 3 trade above our price target.

- (b) Numbers may not add due to rounding or because of a pending drop of coverage.
- (c) 87.3% of our CSRs are moderate risk, while 12.7% are high risk.

Certain Risks

A universal risk to all our price targets is that the analyst's estimates or forecasts may not be met. Past performance should not be construed as indicative of future performance. This report contains forward-looking statements, which involve risks and uncertainties. Actual results may differ significantly from such forward-looking statements. Factors that may cause such a difference include, but are not limited to, those discussed in the "Risk Factors" section in the subject company's SEC filings available in electronic format through SEC Edgar filings at www.sec.gov.

Certain information Regarding Analyst Compensation

Sidoti employees, including research analysts, receive compensation that is based in part upon the overall performance of the firm, including revenues generated by Sidoti's investment banking activities, brokerage activities, from issuers participating in Sidoti's Company Sponsored Research program, from covered (and non-covered) companies paying to attend our conferences or compensating Sidoti for arranging Non-Deal Road Show (NDR) meetings, but compensation is not directly related to any of these revenue streams. As noted below such factors present a potential conflict of interest.

Factors that May Influence Continuation of Coverage and Related Potential Conflicts of Interest

Sidoti research analysts generally do not cover (or continue to cover) those companies where Sidoti does not deem coverage to be profitable. In determining whether coverage is profitable, Sidoti considers among other things, (a) an estimate of invoice payments received from its institutional investor clients as it relates to a covered company; (b) whether management of a covered company participates in Sidoti-sponsored conferences and/or non-deal roadshows (Sidoti receives a fee from the issuer if the issuer presents at a conference and may receive a fee from the issuer if it schedules an NDR); and (c) whether a covered company has in the past or is inclined to include Sidoti in an investment banking transaction as a co-manager or otherwise. A possible effect of factors (b) and (c) above may be that continued coverage decisions are based, in part, on the willingness of management of covered companies to participate in, and compensate Sidoti for, such conferences and NDR meetings, as well as inclusion in investment banking transactions. This approach could be viewed as presenting potential conflicts of interest.

Sidoti and Analyst Ownership of Securities Described Herein and Other Analyst Restrictions

Sidoti does NOT own securities of the issues described herein. Sidoti policy does not allow an analyst or a member of their household or any account in which they otherwise hold a beneficial interest to own shares in any company that he/she covers. Sidoti policy does not allow employees or household members to serve as an officer or director of a covered company. Sidoti does not make a market in any securities.

Sidoti Investment Banking Revenue Realized from the Subject Company in the Last 12 Month

Sidoti has non-research employees that will seek compensation for investment banking services from the company covered hereunder. As of the date hereof, Sidoti may expect to receive or may intend to seek investment banking compensation from any of its covered companies, including the subject company covered herein, within the next 3 months (additional detail, if any, is provided in a special disclosure below). Investment banking services, as defined under FINRA Rule 2241, includes, among other things, acting as an underwriter in or as a member of the selling group in a securities underwriting. Sidoti's role in most investment banking transactions can be viewed on this company's filings at www.sec.gov. The table below sets forth instances where Sidoti has received investment banking revenue from the company covered hereunder in the last twelve months, if any:

Date	Role	Transaction	Security

Sidoti Non-Investment Revenue Realized from the Subject Company in the Last 12 Months

Prior to December 31, 2022, Sidoti held multiple conferences a year and charged a fee of up to \$6,000 per conference to presenting companies. Beginning January 2023, Sidoti Events, LLC ("Sidoti Events"), an affiliate of Sidoti by common ownership, began to hold these conferences. Sidoti or Sidoti Events may also receive a fee of up to \$8,000 for scheduling a Non-Deal Roadshow ("NDR") day. Sidoti Events reimburses Sidoti for certain services provided by Sidoti to Sidoti Events in respect of these conferences (or NDR days) pursuant to an Expense Sharing Arrangement. The table below sets forth instances where Sidoti or Sidoti Events received non-investment revenue from the company covered hereunder, if any, over the past 12 months:

	NDR Days
May 2022	
May 2022 August 2022	

Additional Disclosures Specific to the Subject Company of this Report Including the Pursuit or Expectation of Investment Banking Revenue in the Next Three Months

None.

Analyst Certification

The research analyst that authors this report, Gregory Burns, certifies that this report accurately reflects his/her personal views about the subject securities and issuers and that none of the research analyst's compensation was, is or will be directly or indirectly related to the analyst's specific recommendations or views contained in this research report.

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- requires the term of a contract extend for one full year, which contract the issuer cannot unilaterally terminate;
- provides Sidoti the ability to terminate the contract under certain circumstances;
- insists that, at a minimum, pro-rata payment of the annual fee is received prior to the publication or release of a research report;
- utilizes analysts who must abide by the CFA Institute Code of Ethics and Standards of Professional Conduct;
- provide analysts with full discretion on the price target and over other coverage points based on their own due diligence;

- maintains and enforces written policies and procedures reasonably designed to prevent any controlling persons, officers (or persons performing similar functions), or employees of Sidoti from influencing the activities of research analysts and the content of research reports prepared by the research analyst;
- does not directly tie analyst compensation to their willingness to cover a company on a commissioned basis, provided however that the provision of CSR coverage is one of several overall considerations that is factored into Sidoti's determination of analyst compensation; and
- does not directly or indirectly tie analyst compensation to the specific recommendations or views expressed in any research report.

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Many companies covered under Sidoti's CSR program can be classified as microcap stocks, which equities typically bear certain risks that are not as prevalent in the "Blue Chip", large capitalization, mid capitalization or even the small capitalization segment of the market. Microcap stocks are more prone to trade at discounts. They generally have smaller trading volume and smaller public floats than companies with larger market capitalization, which can lead to an inability to buy or sell shares (liquidity risk) in quantity without moving the market (or at all), large bid-ask spreads, and increased stock price volatility (which can result) even if a trade involves a very small number of shares. In addition, microcaps tend to have significant company specific risks that contribute to lower valuations and may limit stock price appreciation. Investors need to be aware of the higher probability of financial default and higher degree of financial distress inherent in the microcap segment of the market. Given the foregoing, readers of this report are urged to pay special attention to the risk rating and risk factors set forth in this report, as well as to seek more detailed information regarding risks by reviewing the company's public filings at <u>www.sec.gov</u>.

Source(s)

Key Statistics data is sourced from FactSet Research Systems