

Cognizant Technology Solutions

Uninspiring '24 revenue guide

Reiterate Rating: UNDERPERFORM | PO: 70.00 USD | Price: 78.73 USD

Soft top-line outlook outweighs margin upside

We believe shares should trade lower on an uninspiring '24 revs outlook, which at the midpoint calls for a second consecutive year of no growth (consensus was +2%). Guide may have some conservatism (new CFO), and margins are outperforming, but we think top-line is more important for the multiple. CTSH's biggest two verticals decelerated in 4Q. In our view, broader questions remain surrounding medium-term top-line trajectory, and this plus valuation leads us to reiterate our Underperform rating.

1Q and '24 revs guide below Street; bookings decelerating

Discretionary spending remains soft, with limited visibility (lower rates could help). CTSH guided 1Q CC revs growth of (3.0)%-(1.5)% vs. Street at (0.1)%. For 2024, CTSH guided to CC revs growth of (2.0)%-(2.0)%, with the Street at 2.3%. At midpoint this would reflect no improvement vs. 2023 despite easy comps. 4Q bookings growth declined 6% against a tough comp, and longer contract duration in '23 creates hard compares in '24. LTM bookings grew 9% in 4Q (slowed vs. 16% in 3Q) and book-to-bill stayed at a steady/healthy 1.4x in 4Q. CTSH has 250 GenAl prototype projects in progress.

4Q highlighted by robust margin performance

4Q CC revenues growth of (2.4)% was basically in-line with BofAe/Street/guide. 4Q non-GAAP operating margins of 16.1% were 180bps above our model, driven by strong execution against the NextGen cost takeout program, plus a weaker Indian rupee. This fueled EPS of \$1.18 vs. BofAe at \$1.04. As expected, CTSH maintained its '24 guidance for 20-40bps of y/y margin expansion in '24, with the higher base in '23 yielding upside vs. consensus. Therefore, despite the light revenues guide, '24 non-GAAP EPS guidance of \$4.50-\$4.68 is consistent w/ BofA/Street at \$4.66/\$4.59.

Solid supply metrics; updating estimates/PO

LTM voluntary attrition of 13.8% was a multi-year low and q/q headcount growth of 0.3% was steady vs. 3Q. We lower '24/'25 revs/EPS estimates. For '24, BofAe is now \$19.3B/\$4.57 vs. \$19.7B/\$4.66 prior, and for '25 we go to 20.0B/\$4.83 from 21.0B/\$5.09 prior. New PO of \$70 (\$66 prior) is based on 15x C24 P/E (unchanged) and updated DCF (9% WACC vs. 10% prior, unchanged terminal growth).

| Estimates (Dec) (US\$) | 2022A | 2023A | 2024E | 2025E | 2026E |
|---|-------|-------|-------|-------|-------|
| EPS | 4.39 | 4.55 | 4.57 | 4.83 | 5.14 |
| GAAP EPS | 4.41 | 4.20 | 4.47 | 4.83 | 5.14 |
| EPS Change (YoY) | 6.6% | 3.6% | 0.4% | 5.7% | 6.4% |
| Consensus EPS (Bloomberg) | | | 4.60 | 4.99 | 5.57 |
| DPS | 1.08 | 1.16 | 1.19 | 1.26 | 1.34 |
| Valuation (Dec) | | | | | |
| P/E | 17.9x | 17.3x | 17.2x | 16.3x | 15.3x |
| GAAP P/E | 17.9x | 18.7x | 17.6x | 16.3x | 15.3x |
| Dividend Yield | 1.4% | 1.5% | 1.5% | 1.6% | 1.7% |
| EV / EBITDA* | 11.2x | 12.3x | 11.6x | 5.8x | 5.5x |
| Free Cash Flow Yield* | 5.5% | 4.9% | 4.4% | 5.0% | 5.4% |
| * For full definitions of <i>IQ</i> method SM measures, see page 5 | | | | | |

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Refer to important disclosures on page 6 to 8. Analyst Certification on page 4. Price
Objective Basis/Risk on page 4.

Timestamp: 06 February 2024 07:13PM EST

06 February 2024

Equity

| Kou Changes | | |
|---------------|----------|----------|
| Key Changes | | |
| (US\$) | Previous | Current |
| Price Obj. | 66.00 | 70.00 |
| 2024E Rev (m) | 19,721.7 | 19,278.6 |
| 2025E Rev (m) | 21,001.5 | 20,002.6 |
| 2026E Rev (m) | NA | 20,802.7 |
| 2024E EPS | 4.66 | 4.57 |
| 2025E EPS | 5.09 | 4.83 |
| 2026E EPS | NA | 5.14 |
| 2024E DPS | 1.25 | 1.19 |
| | | |

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Stock Data

| Price | 78.73 USD |
|-----------------------------|-----------------------|
| Price Objective | 70.00 USD |
| Date Established | 6-Feb-2024 |
| Investment Opinion | B-3-7 |
| 52-Week Range | 56.45 USD - 78.93 USD |
| Mrkt Val (mn) / Shares Out | 40,703 USD / 517.0 |
| (mn) | |
| Free Float | 99.7% |
| Average Daily Value (mn) | 263.31 USD |
| BofA Ticker / Exchange | CTSH / NAS |
| Bloomberg / Reuters | CTSH US / CTSH.OQ |
| ROE (2024E) | 16.9% |
| Net Dbt to Eqty (Dec-2023A) | -15.1% |
| ESGMeter™ | High |

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'.

iQprofile[™] Cognizant Technology Solutions

| | | |)] | | |
|---|--|---|---|---|---|
| iQmethod sM − Bus Performance* | | | | | |
| (US\$ Millions) | 2022A | 2023A | 2024E | 2025E | 2026E |
| Return on Capital Employed | 15.9% | 14.4% | 14.6% | 14.7% | 14.5% |
| Return on Equity | 18.8% | 18.1% | 16.9% | 16.6% | 16.1% |
| Operating Margin | 15.3% | 13.9% | 15.0% | 15.6% | 15.8% |
| Free Cash Flow | 2,236 | 2,013 | 1,797 | 2,044 | 2,191 |
| <i>iQ</i> method [™] – Quality of Earnings* | | | | | |
| (US\$ Millions) | 2022A | 2023A | 2024E | 2025E | 2026 |
| Cash Realization Ratio | 1.1x | 1.0x | 1.0x | 1.0x | 1.0x |
| Asset Replacement Ratio | 0.6x | 0.8x | 0.8x | 0.8x | 0.8x |
| Tax Rate | 24.2% | 23.9% | 24.5% | 24.5% | 24.5% |
| Net Debt-to-Equity Ratio | -12.6% | -15.1% | -17.2% | -19.9% | -22.8% |
| Interest Cover | NM | NM | NM | NM | NM |
| Income Statement Data (Dec) | | | | | |
| (US\$ Millions) | 2022A | 2023A | 2024E | 2025E | 2026 |
| Sales | 19,428 | 19,353 | 19,279 | 20,003 | 20,803 |
| % Change | 5.0% | -0.4% | -0.4% | 3.8% | 4.0% |
| Gross Profit | 6,980 | 6,689 | NA | NA | NA |
| % Change | 1.1% | -4.2% | NA | NA | NA |
| EBITDA | 3,537 | 3,208 | 3,399 | 6,784 | 7,139 |
| % Change | 4.0% | -9.3% | 6.0% | 99.6% | 5.2% |
| Net Interest & Other Income | 52 | 101 | 40 | 20 | 20 |
| Net Income (Adjusted) | 2,278 | 2,300 | 2,270 | 2,370 | 2,496 |
| % Change | 4.8% | 0.9% | -1.3% | 4.4% | 5.3% |
| (US\$ Millions) | 2022A | 2023A | 2024E | 2025E | 2026 |
| Net Income from Cont Operations (GAAP) | 2,290 | 2,122 | 2,218 | 2,368 | 2,494 |
| Depreciation & Amortization | 569 (279) | 419 (61) | 507 (754) | 518 | 530 |
| Change in Working Capital | , , | , , | , , | (662) 0 | (646) |
| Deferred Taxation Charge Other Adjustments, Net | (273) 261 | (287) 137 | 0 212 | 220 | 229 |
| Capital Expenditure | (332) | (317) | (386) | (400) | (416) |
| Free Cash Flow | 2,236 | 2,013 | 1,797 | 2,044 | 2,191 |
| % Change | 0.9% | -10.0% | -10.7% | 13.7% | 7.2% |
| Share / Issue Repurchase | (1,336) | (993) | (427) | (425) | (423) |
| Cost of Dividends Paid | (564) | (591) | (594) | (619) | (652) |
| Change in Debt | (39) | (25) | (40) | (40) | (40) |
| Balance Sheet Data (Dec) | | | | | |
| שמומווכב שווכנו שמנט (שכנ) | | | | | |
| | 2022A | 2023A | 2024E | 2025E | 2026 |
| (US\$ Millions) | 2022A 2 191 | 2023A | 2024E 2 958 | 2025E 3.518 | |
| (US\$ Millions) Cash & Equivalents | 2,191 | 2,621 | 2,958 | 3,518 | 4,195 |
| (US\$ Millions) | 2,191 3,796 | 2,621 3,849 | 2,958 3,895 | 3,518 4,041 | 4,195 4,203 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets | 2,191 3,796 1,279 | 2,621 3,849 1,036 | 2,958 3,895 1,364 | 3,518 | 4,195 4,203 2,094 |
| (US\$ Millions) Cash & Equivalents Trade Receivables | 2,191 3,796 | 2,621 3,849 1,036 1,048 | 2,958 3,895 | 3,518 4,041 1,814 | 4,195 4,203 2,094 952 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment | 2,191 3,796 1,279 1,101 | 2,621 3,849 1,036 | 2,958 3,895 1,364 1,013 | 3,518 4,041 1,814 980 | 4,195 4,203 2,094 952 10,047 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets | 2,191 3,796 1,279 1,101 9,485 | 2,621 3,849 1,036 1,048 9,929 | 2,958 3,895 1,364 1,013 9,574 | 3,518 4,041 1,814 980 9,809 | 4,195 4,203 2,094 952 10,047 21,490 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets | 2,191 3,796 1,279 1,101 9,485 17,852 | 2,621 3,849 1,036 1,048 9,929 18,483 | 2,958 3,895 1,364 1,013 9,574 18,803 | 3,518 4,041 1,814 980 9,809 20,163 | 4,195 4,203 2,094 952 10,047 21,490 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt | 2,191 3,796 1,279 1,101 9,485 17,852 8 | 2,621 3,849 1,036 1,048 9,929 18,483 33 | 2,958 3,895 1,364 1,013 9,574 18,803 33 | 3,518 4,041 1,814 980 9,809 20,163 33 | 4,195 4,203 2,094 952 10,047 21,490 33 3,460 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities | 2,191 3,796 1,279 1,101 9,485 17,852 8 3,339 | 2,621 3,849 1,036 1,048 9,929 18,483 33 3,300 | 2,958 3,895 1,364 1,013 9,574 18,803 33 3,085 | 3,518 4,041 1,814 980 9,809 20,163 33 3,341 | 4,195 4,203 2,094 952 10,047 21,490 33 3,460 484 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt | 2,191 3,796 1,279 1,101 9,485 17,852 8 3,339 638 | 2,621 3,849 1,036 1,048 9,929 18,483 33 3,300 604 | 2,958 3,895 1,364 1,013 9,574 18,803 33 3,085 564 | 3,518 4,041 1,814 980 9,809 20,163 33 3,341 524 | 4,195 4,203 2,094 952 10,047 21,490 33 3,460 484 1,392 |
| (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities | 2,191 3,796 1,279 1,101 9,485 17,852 8 3,339 638 1,558 | 2,621 3,849 1,036 1,048 9,929 18,483 33 3,300 604 1,392 | 2,958 3,895 1,364 1,013 9,574 18,803 33 3,085 564 1,392 | 3,518 4,041 1,814 980 9,809 20,163 33 3,341 524 1,392 | 2026E 4,195 4,203 2,094 952 10,047 21,490 33 3,460 484 1,392 5,369 16,121 21,490 |

Company Sector

Payments, Processors & IT Services

Company Description

Cognizant is a global IT services firm with CY22 revenues of \$19.4B. As of F22, the company derived 74% of its revenues from North America and 60% from the financial services and healthcare verticals. CTSH follows the offshore IT services business model, with 80%+ of its employees located in India. However, with an increasing focus on Digital, the company is currently focusing on boosting its onshore headcount. Digital now represents 50% of total revenues for the company.

Investment Rationale

While demand for cost takeout initiatives remain reasonably solid, we anticipate increased pockets of softness, which could spread in a recessionary environment. A worsening macro backdrop could exacerbate CTSH's ongoing struggle to bridge the revenue growth gap vs peers, and company-specific fulfillment/backlog conversion challenges may persist nearterm.

Stock Data

Average Daily Volume

3,344,450

Quarterly Earnings Estimates

| | 2023 | 2024 |
|----|-------|-------|
| Q1 | 1.11A | 1.09E |
| Q2 | 1.10A | 1.07E |
| Q3 | 1.16A | 1.19E |
| 04 | 1.18A | 1.22E |

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Price objective basis & risk

Cognizant Technology Solutions (CTSH)

We use a blend of 15x our 2024E non-GAAP EPS estimates and our DCF model to calculate our 12-month price objective of \$70. Our multiple represents a 25% discount to the S&P500, which we believe is appropriate based on CTSH's revenue and EPS growth profile, along with the risk/reward. Our DCF model assumes a weighted average cost of capital (WACC) of 9% and terminal growth rate of 2%.

Upside risks to our price objective are: 1) better than expected hiring and revenue growth trends, 2) significant improvement in employee attrition, 3) extended period of material margin expansion. Downside risks to our price objective are 1) potential work visa reform, 2) cyclical nature of CTSH's discretionary IT services businesses, 3) competition for talent, 4) wage inflation.

Analyst Certification

I, Jason Kupferberg, 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 - Payments, Processors, Specialty Finance and IT services Coverage Cluster

| Investment rating | Company | BofA Ticker | Bloomberg symbol | Analyst |
|-------------------|--|-------------|------------------|------------------|
| BUY | | | | |
| | Accenture Plc | ACN | ACN US | Jason Kupferberg |
| | American Express Company | AXP | AXP US | Mihir Bhatia |
| | Block Inc | SQ | SQ US | Jason Kupferberg |
| | Capital One Financial | COF | COF US | Mihir Bhatia |
| | Discover Financial | DFS | DFS US | Mihir Bhatia |
| | Enact Holdings | ACT | ACT US | Mihir Bhatia |
| | Essent Group | ESNT | ESNT US | Mihir Bhatia |
| | Fidelity National Information Services | FIS | FIS US | Jason Kupferberg |
| | Fiserv Inc | FI | FIUS | Jason Kupferberg |
| | FleetCor Technologies Inc. | FLT | FLT US | Mihir Bhatia |
| | Flywire | FLYW | FLYW US | Jason Kupferberg |
| | Global Payments Inc | GPN | GPN US | Jason Kupferberg |
| | Jack Henry & Associates | JKHY | JKHY US | Jason Kupferberg |
| | Mastercard Inc | MA | MA US | Jason Kupferberg |
| | MGIC Investment Corp. | MTG | MTG US | Mihir Bhatia |
| | NMI Holdings | NMIH | NMIH US | Mihir Bhatia |
| | Nuvei | NVEI | NVEI US | Jason Kupferberg |
| | Nuvei | YNVEI | NVEI CN | Jason Kupferberg |
| | OneMain Holdings, Inc. | OMF | OMF US | Mihir Bhatia |
| | Shift4 Payments, Inc | FOUR | FOUR US | Jason Kupferberg |
| | Telus International | TIXT | TIXT US | Cassie Chan |
| | Telus International | YTIXT | TIXT CN | Cassie Chan |
| | Visa Inc. | V | V US | Jason Kupferberg |
| | WEX Inc. | WEX | WEX US | Mihir Bhatia |
| NEUTRAL | | | | |
| | ADP | ADP | ADP US | Jason Kupferberg |
| | Affirm Holdings | AFRM | AFRM US | Jason Kupferberg |
| | Bread Financial Holdings Inc | BFH | BFH US | Mihir Bhatia |
| | DLocal | DLO | DLO US | Jason Kupferberg |
| | Globant SA | GLOB | GLOB US | Jason Kupferberg |
| | Marqeta | MQ | MQ US | Cassie Chan |
| | PayPal Holdings Inc | PYPL | PYPL US | Jason Kupferberg |
| | SoFi Technologies Inc | SOFI | SOFI US | Mihir Bhatia |
| | Synchrony Financial | SYF | SYF US | Mihir Bhatia |
| | Thoughtworks | TWKS | TWKS US | Jason Kupferberg |
| | Toast | TOST | TOST US | Jason Kupferberg |
| | TTEC Holdings | TTEC | TTEC US | Cassie Chan |

US - Payments, Processors, Specialty Finance and IT services Coverage Cluster

| Investment rating | Company | BofA Ticker | Bloomberg symbol | Analyst |
|-------------------|--------------------------------|-------------|------------------|------------------|
| UNDERPERFORM | | | | |
| | CGI Inc. | GIB | GIB US | Jason Kupferberg |
| | CGI Inc. | YGIBA | GIB/A CN | Jason Kupferberg |
| | Cognizant Technology Solutions | CTSH | CTSH US | Jason Kupferberg |
| | Coinbase | COIN | COIN US | Jason Kupferberg |
| | DXC Technology | DXC | DXC US | Jason Kupferberg |
| | EPAM Systems | EPAM | EPAM US | Jason Kupferberg |
| | Paychex | PAYX | PAYX US | Jason Kupferberg |
| | Radian Group Inc | RDN | RDN US | Mihir Bhatia |
| | Rocket Companies, Inc. | RKT | RKT US | Mihir Bhatia |
| | TaskUs | TASK | TASK US | Cassie Chan |
| | Western Union | WU | WU US | Jason Kupferberg |
| | | | | |

*IQ*method[™] Measures Definitions

| Business Performance | Numerator | Denominator |
|-----------------------------|---|---|
| Return On Capital Employed | NOPAT = (EBIT + Interest Income) × (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 |

Methods is 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.

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Disclosures

Important Disclosures

Cognizant (CTSH) 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% |

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.

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

| Buy | ≥ 10% | ≤ 70% |
|-------------|-------|-------|
| 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.

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