

HCL Technologies

Q4FY09 Update/Rating change

26 August 2009

Hold

Target Price: Rs252 CMP: Rs307* Downside: 18% *as on 25 August 2009

Nitin Padmanabhan

+91 22 4215 9638

nitin.padmanabhan@centrum.co.in

Positive surprise

HCL Tech beat estimates on the back of higher-thanexpected ramp up in new deals (US\$63mn in Q4 vs. its guidance of US\$43mn), thereby resulting in 182bp higher utilization and 90bp QoQ increase in EBIDTA margin. Forex gains of Rs0.69bn and lower depreciation and amortization costs led to a 51% QoQ PAT growth.

- O Estimates revised, downgrade to Hold on steep valuations: We have raised EPS estimates for FY10E and FY11E by 5.6% and 4% respectively. However we downgrade the stock to Hold on steep valuations with a price target of Rs252 (Rs220 earlier) refrain from outright Sell rating as outlook on the business continues to improve.
- O Broad-based growth across most verticals and horizontals: The growth was broad-based across most verticals, horizontals and geographies. Infrastructure services vertical was the star performer during the quarter posting a 25.5% QoQ growth, followed by custom application development at 12.5%.
- O Management cautious on weak deal environment:
 The management maintained caution on the back of a
 weak deal environment with no signs of improvement.
 We believe this could hamper future growth. However,
 HCL Tech's revenue visibility from new deals won in
 FY09 is comforting.

Key Data Bloomberg Code HCLT IN Reuters Code HCLT.BO Current Shares O/S (mn) 670.3 Diluted Shares O/S(mn) 670.3 Mkt Cap (Rsbn/USDbn) 205.9/4.2 52 Wk H / L (Rs) 320/87 1,393,433 Daily Vol. (3M NSE Avg.) Face Value (Rs) 2

USD = Rs48.8

One Year Indexed Stock Performance



Price Performance (%)							
	1M	6M	1Yr				
HCL Tech.	31.0	210.0	33.3				
NIETV	2.0	67.2	7.4				

Source: Bloomberg, Centrum Research *as on 25 August 2009

Y/E June (Rsbn)	Q4FY09	Q4FY08	YoY (%)	Q3FY09	QoQ (%)	Q4FY09E	Variance (%)
Net sales	29.08	21.69	34.1	28.62	1.61	28.32	2.7
Employee costs	18.13	12.91		18.01		18.00	
% of sales	62.3	59.5		62.9		63.6	
SG&A	4.5	3.69		4.50		4.33	
% of sales	15.5	17.0		15.7		15.3	
Operating profit	6.45	5.09	26.8	6.11	5.62	5.99	7.7
OPM (%)	22.2	23.4	(120)bp	21.3	90bp	21.2	100bp
Depreciation and amortization	1.20	0.85		1.42		1.35	
EBT	5.25	4.24		4.69		4.64	
Other income (net)	(1.01)	(2.62)		(2.04)		(1.44)	
PBT	4.24	1.61	162.8	2.65	60.06	3.20	32.6
Provision for tax	0.94	0.20		0.49		0.68	
-effective tax rate	22.0	12.6		18.3		21.4	
Minority share in profit / loss	0.00	0.00		0.02		0.00	
PAT (reported)	3.30	1.41	134.0	2.18	51.35	2.51	31.3
NPM (%)	11.4	6.5		7.6		8.9	

Source: Company, Centrum Research

Y/E June (Rsbn)	Rev	YoY (%)	EBITDA	EBITDA (%)	Adj PAT	YoY (%)	Fully DEPS	RoE (%)	RoCE (%)	P/E (x)	EV/EBITDA (x)
FY07	60.34	37.5	13.37	22.2	13.55	75.1	20.3	29.9	29.9	15.1	13.6
FY08	76.39	26.6	16.94	22.2	11.25	(17.0)	16.8	22.0	27.4	18.3	9.8
FY09	106.09	38.9	23.25	21.9	12.79	13.7	19.1	23.5	22.9	16.1	9.1
FY10E	116.90	10.2	24.45	20.9	11.14	(12.9)	16.6	18.7	19.7	18.5	8.5
FY11E	124.59	6.6	23.41	18.8	14.03	25.9	20.9	21.2	18.6	14.7	9.4

Source: Company, Centrum Research Estimate

Estimates revised marginally

We have raised our EPS estimates marginally to factor in higher other income, 2% increase in effective tax rate and build-in the guidance for the impact from cash flow hedges. Lower ramp downs in FY10E could translate into higher upsides as we have estimated incremental dollar revenues of only US\$29mn to factor in possibilities of ramp downs and project closures vs. expected incremental revenues of US270mn. We are however cautious on margins as higher transition costs from new deals could be an overhang.

Exhibit 1: Revised estimates

		FY10E			FY11E	
Y/E June (Rsbn)	Earlier	Revised	Change %	Earlier	Revised	Change %
Revenues	116.3	116.9	0.5	125.5	124.6	(0.7)
EBIDTA	24.0	24.5	1.9	23.3	23.4	0.4
EBIDTA(%	20.6	20.9	28bp	18.6	18.8	21bp
Adj. PAT	10.6	11.1	5.6	13.5	14.0	4.0
FDEPS	15.7	16.6	5.6	20.1	20.9	4.0

Source: Centrum Research Estimate

Management stance continues to be cautionary

The management continues to maintain a cautionary stance as it believes that the deal environment is still weak and would only improve after two quarters. The management said deals (excluding government orders) have declined from US\$8bn to US\$2bn during the April-June 2009 quarter and July and August have also been subdued

Downgrade to Hold on steep valuations, target price revised

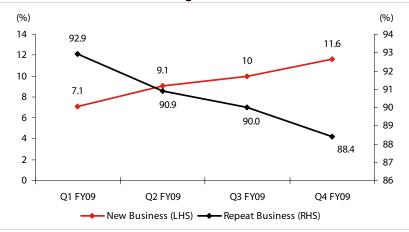
We downgrade our rating to Hold on steep valuations at 14.7x FY11E EPS of Rs20.9 (stock is up 75% post our previous recommendation). However we believe the company's fundamentals continue to improve and refrain from an outright Sell rating on the stock. We have revised our target price to Rs252 (Rs220 earlier) on the back of a 4% upgrade in our FY11E EPS. We also believe HCL Tech's discount to Infosys Technologies would narrow. The company is expected to report 25.9% EPS growth in FY11E as the impact from cash flow hedges wears off. This would be double Infosys' EPS growth (the overhang of higher tax rates would stym Infosys's EPS growth) and hence we raise our target multiple to 12x FY11E from 11x earlier.

Q4 FY09 review

Revenue outperformance on higher-than-expected ramp ups

HCL Tech reported a 7.6% QoQ revenue growth in dollar terms and 1.6% in INR ahead of our estimates of 2.7% growth in dollar terms and 1.1% decline in INR terms. This outperformance was largely on account of higher-than-expected ramp up in new deals at US\$63mn vs US\$43mn estimated. Cross-currency gains contributed 3.7% to growth in dollar terms. Adjusted for these cross-currency gains, HCL Tech would have grown 3.9% in dollar terms QoQ.

Exhibit 2: Revenues from new business rising



Source: Company, Centrum Research

Higher utilization aids margins

The company recorded 90bp increase in operating margin on the back of 182bp increase in utilization levels led by strong volumes. The management indicated that utilization would be maintained at higher levels as it increased its headcount on a just in time basis.

Exhibit 3: Utilization on an uptrend - likely to maintained at the higher end



Source: Company, Centrum Research

The core software segment continued to have negative headcount additions (number of employees down by 538) and reported 176bp increase in margin on the back of higher utilization. The infrastructure services segment grew by 25.4% QoQ. However, margins declined 261bp on higher transitioning costs for new deals. The BPO segment grew by 3.9% in dollar terms. The management guided that it would take at least 18 months before the BPO segment exhibits sustainable growth.

Higher PAT led by forex gains, lower depreciation and amortization

PAT grew 51% QoQ on the back of Rs0.69bn forex gain vs. Rs0.76bn forex loss the previous quarter. Depreciation costs were lower as the company adjusted for capitalized assets that were erroneously capitalized ahead of time.

Broad-based growth across most parameters

Exhibit 4: Top 20 clients would have grown 8% QoQ if adjusted for LTM* reporting

Growth (%)	Q1FY09	Q2 FY 09	Q3 FY 09	Q4 FY 09
Top 5 Clients	(2.1)	(1.8)	(1.0)	(2.4)
Top 10 Clients	(1.7)	(2.8)	0.3	(2.5)
Top 20 Clients	(1.5)	(0.5)	0.4	(0.8)

*LTM: Last 12 months

Source: Company, Centrum Research

Exhibit 5: Robust growth across most verticals

Growth (QoQ %)	Q1FY09	Q2 FY 09	Q3 FY 09	Q4 FY 09
Banking, FS & Insurance (BFSI)	(2.7)	2.1	(6.0)	13.1
Hi-tech - Manufacturing	4.2	(1.0)	11.4	9.7
Telecom	0.7	(3.0)	(15.5)	11.1
Retail	(2.2)	(4.8)	(1.1)	2.9
Media Publishing & Entertainment (MPE)	(1.6)	(0.5)	0.3	20.5
Life Sciences	7.4	1.3	17.8	9.3
Others	19.3	(24.0)	81.3	(12.7)

Source: Company, Centrum Research

Top 10 and 20 clients would have grown by 6% and 8% respectively if adjusted for LTM reporting

Media publishing and entertainment grew by a robust 20.5% during the quarter Enterprise application services grew on the back of new deal ramp ups. However the management indicated that the business environment was challenging

Exhibit 6: Infrastructure services – the star performer for the quarter

Growth(QoQ %)	Q1FY09	Q2 FY 09	Q3 FY 09	Q4 FY 09
Enterprise Application Services	1.1	16.2	116.3	3.6
Engineering and R&D Services	(1.4)	(1.0)	(5.5)	(5.1)
Industry Solutions (Custom Application)	(1.0)	(6.9)	(4.8)	12.5
Infrastructure Services	4.1	6.5	1.0	25.4
BPO Services	1.0	11.2	(11.0)	4.4

Source: Company, Centrum Research

Exhibit 7: Asia Pac and Europe deliver robust growth

Growth (QoQ %)	Q1FY09	Q2 FY 09	Q3 FY 09	Q4 FY 09
US	0.0	5.8	12.6	3.9
Europe	(1.2)	(4.3)	12.4	11.1
Asia Pacific	3.1	(4.5)	(4.0)	18.9

Source: Company, Centrum Research

Financials

Exhibit 8: Income Statement

Y/E June (Rsbn)	FY07	FY08	FY09	FY10E	FY11E
Net Sales	60.34	76.39	106.09	116.90	124.59
-Growth (%)	37.5	26.6	38.9	10.2	6.6
Direct Cost	37.59	46.88	65.48	74.82	81.89
% of sales	62.3	61.4	61.7	64.0	65.7
Selling General & Admin.	9.37	12.58	17.36	17.62	19.29
% of sales	15.5	16.5	16.4	15.1	15.5
Other expenses	-	-	-	-	-
% of sales	-	-	-	-	-
EBIDTA	13.37	16.94	23.25	24.45	23.41
-EBIDTA margin (%)	22.2	22.2	21.9	20.9	18.8
Depreciation	2.53	3.03	4.49	5.04	5.13
EBIT	10.84	13.91	18.76	19.41	18.28
Interest expenses	-	-	0.82	1.36	0.81
PBT from operations	10.84	13.91	17.94	18.05	17.47
Other non operating income	4.26	(1.37)	(2.61)	(4.46)	(0.36)
PBT	15.10	12.54	15.33	13.59	17.11
-PBT margin (%)	25.0	16.4	14.5	11.6	13.7
Provision for tax	1.49	1.27	2.54	2.45	3.08
Effective tax rate (%)	9.8	10.1	16.6	18.0	18.0
Net profit	13.61	11.27	12.79	11.14	14.03
-Growth (%)	75.1	(17.3)	13.5	(12.9)	25.9
-Net profit margin (%)	22.6	14.7	12.1	9.5	11.3

Source: Company, Centrum Research Estimate

Exhibit 9: Balance Sheet

Y/E June (Rsbn)	FY07	FY08	FY09	FY10E	FY11E
Share capital	1.33	1.33	1.34	1.34	1.34
Reserves & surplus	48.82	50.85	55.50	61.30	68.59
Total shareholder's fund	50.15	52.18	56.84	62.64	69.93
Loan fund	-	-	29.77	24.77	14.77
Deferred tax liability	-	-	-	-	-
Minority interest	0.15	0.06	0.02	0.02	0.02
Total capital employed	50.29	52.23	86.63	87.42	84.72
Gross block	19.84	25.84	31.84	35.67	40.38
Accumulated depreciation	11.35	14.06	17.60	21.62	26.23
Net Block	8.50	11.78	14.46	14.29	14.41
Capital WIP	2.00	1.54	1.40	1.54	1.54
Net fixed assets	10.50	13.32	15.86	15.83	15.95
Intangible Assets	8.06	9.59	45.33	45.33	45.33
Investments	19.36	20.88	0.60	0.60	0.60
Other Assets	2.35	5.06	8.61	6.98	6.98
Goodwill on consolidation	-	-	-	-	-
Cash and bank	3.59	3.84	18.76	22.25	20.90
Inventories	-	-	-	-	-
Sundry debtors	12.28	18.93	27.08	29.84	31.81
Other current assets	7.12	8.71	10.70	10.70	10.70
Total current assets	22.98	31.48	56.54	62.79	63.41
Current liabilities and provisions	11.66	22.15	32.68	36.46	39.91
Net current assets	11.32	9.34	23.87	26.33	23.50
Other liabilities	1.29	5.96	7.63	7.63	7.63
Deferred tax assets	-	-	-	-	-
Total assets	50.29	52.23	86.63	87.42	84.72

Source: Company, Centrum Research Estimate

Exhibit 10: Cash flow

Y/E June (Rsbn)	FY07	FY08	FY09E	FY10E	FY11E
Cash flow from operating					
Pre tax profit from operations	10.84	13.91	17.94	18.05	17.47
Depreciation	2.53	3.03	4.49	5.04	5.13
Interest expenses	-	-	0.82	1.36	0.81
Other non cash charges	(0.03)	(0.11)	(0.04)	-	-
Operating profit before WC chg	13.34	16.83	23.20	24.45	23.41
Working capital adjustments	(2.72)	6.89	2.08	1.03	1.48
Direct tax paid	(1.49)	(1.27)	(2.54)	(2.45)	(3.08)
Net cash generated from operating	9.14	22.46	22.74	23.03	21.81
Cashflow from investing activities					
Capex	(3.95)	(7.38)	(42.77)	(5.01)	(5.25)
Investments	1.37	(2.89)	17.67	(4.45)	(0.36)
Other Assets	(1.34)	(2.72)	(3.55)	1.63	-
Acquisition	-	-	-	-	-
Int./dividends received/sale of sec.	-	-	-	-	-
Net cash gen. from investing	(3.92)	(12.99)	(28.64)	(7.83)	(5.61)
Cash flow from financing					
Proceeds from sh. Cap. & premium	0.68	0.00	0.01	-	-
Borrowings/(Repayments)	(80.0)	-	29.77	(5.00)	(10.00)
Interest paid	-	-	(0.82)	(1.36)	(0.81)
Dividend paid	(2.66)	(6.89)	(6.14)	(5.35)	(6.73)
Addition to reserves on amalgamation	(1.98)	(2.32)	(1.99)	-	-
Net cashflow from financing	(4.04)	(9.22)	20.83	(11.71)	(17.55)
Net cash increase/(decrease)	1.18	0.25	14.92	3.49	(1.35)

Source: Company, Centrum Research Estimate

Exhibit 11: Key Ratios

Y/E June	FY07	FY08	FY09	FY10E	FY11E
Profitability ratios (%)					
EBIDTA margin	22.2	22.2	21.9	20.9	18.8
PBIT margin	18.0	18.2	17.7	16.6	14.7
PBT margin	25.0	16.4	14.5	11.6	13.7
PAT margin	22.6	14.7	12.1	9.5	11.3
Return ratios (%)					
ROCE	29.9	27.4	22.9	19.7	18.6
ROIC	39.7	45.6	33.0	24.1	23.5
ROE	29.9	22.0	23.5	18.7	21.2
Turnover Ratios					
Asset turnover ratio (x)	1.2	1.5	1.2	1.3	1.5
Working capital cycle (days)	55.1	49.4	57.1	78.4	73.0
Average collection period (days)	74.3	90.5	104.3	93.2	93.2
Average payment period (days)	90.6	136.0	155.3	144.0	144.0
Per share (Rs)					
Basic EPS	20.3	16.8	19.1	16.6	21.0
Fully diluted EPS	20.3	16.8	19.1	16.6	20.9
Book value	75.4	78.4	84.8	93.4	104.3
Solvency Ratio					
Debt-equity	0.0	0.0	0.5	0.4	0.2
Interest coverage ratio	0.0	0.0	22.9	14.2	22.5
Valuation (x)					
P/E	15.1	18.3	16.1	18.5	14.7
P/BV	4.1	3.9	3.6	3.3	2.9
EV/EBIDTA	13.6	9.8	9.1	8.5	9.4
EV/Sales	3.0	2.2	2.0	1.8	1.8
M-cap/Sales	3.4	2.7	1.9	1.8	1.7

Source: Company, Centrum Research Estimate

Disclaimer

Centrum Broking Pvt. Ltd.("Centrum") is a full-service, Stock Broking Company and a member of The Stock Exchange, Mumbai (BSE) and National Stock Exchange of India Ltd. (NSE). Our holding company, Centrum Capital Ltd, is an investment banker and an underwriter of securities. As a group Centrum has Investment Banking, Advisory and other business relationships with a significant percentage of the companies covered by our Research Group. Our research professionals provide important inputs into the Group's Investment Banking and other business selection processes.

Recipients of this report should assume that our Group is seeking or may seek or will seek Investment Banking, advisory, project finance or other businesses and may receive commission, brokerage, fees or other compensation from the company or companies that are the subject of this material/report. Our Company and Group companies and their officers, directors and employees, including the analysts and others involved in the preparation or issuance of this material and their dependants, may on the date of this report or from, time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. Our sales people, dealers, traders and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. We may have earlier issued or may issue in future reports on the companies covered herein with recommendations/ information inconsistent or different those made in this report. In reviewing this document, you should be aware that any or all of the foregoing, among other things, may give rise to or potential conflicts of interest. We and our Group may rely on information barriers, such as "Chinese Walls" to control the flow of information contained in one or more areas within us, or other areas, units, groups or affiliates of Centrum.

This report is for information purposes only and this document/material should not be construed as an offer to sell or the solicitation of an offer to buy, purchase or subscribe to any securities, and neither this document nor anything contained herein shall form the basis of or be relied upon in connection with any contract or commitment whatsoever. This document does not solicit any action based on the material contained herein. It is for the general information of the clients of Centrum. Though disseminated to clients simultaneously, not all clients may receive this report at the same time. Centrum will not treat recipients as clients by virtue of their receiving this report. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Similarly, this document does not have regard to the specific investment objectives, financial situation/circumstances and the particular needs of any specific person who may receive this document. The securities discussed in this report may not be suitable for all investors. The securities described herein may not be eligible for sale in all jurisdictions or to all categories of investors. The countries in which the companies mentioned in this report are organized may have restrictions on investments, voting rights or dealings in securities by nationals of other countries. The appropriateness of a particular investment or strategy will depend on an investor's individual circumstances and objectives. Persons who may receive this document should consider and independently evaluate whether it is suitable for his/ her/their particular circumstances and, if necessary, seek professional/financial advice. Any such person shall be responsible for conducting his/her/their own investigation and analysis of the information contained or referred to in this document and of evaluating the merits and risks involved in the securities forming the subject matter of this document.

The projections and forecasts described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. Projections and forecasts are necessarily speculative in nature, and it can be expected that one or more of the estimates on which the projections and forecasts were based will not materialize or will vary significantly from actual results, and such variances will likely increase over time. All projections and forecasts described in this report have been prepared solely by the authors of this report independently of the Company. These projections and forecasts were not prepared with a view toward compliance with published guidelines or generally accented accounting principles. No independent accountants have expressed an opinion or any other form of assurance on these projections or forecasts. You should not regard the inclusion of the projections and forecasts described herein as a representation or warranty by or on behalf of the Company, Centrum, the authors of this report or any other person that these projections or forecasts or their underlying assumptions will be achieved. For these reasons, you should only consider the projections and forecasts described in this report, including the assumptions underlying such projections and forecasts.

The price and value of the investments referred to in this document/material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance. Future returns are not guaranteed and a loss of original capital may occur. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice. Centrum does not provide tax advice to its clients, and all investors are strongly advised to consult regarding any potential investment. Centrum and its affiliates accept no liabilities for any loss or damage of any kind arising out of the use of this report. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies effectively assume currency risk. Certain transactions including those involving futures, options, and other derivatives as well as non-investment-grade securities give rise to substantial risk and are not suitable for all investors. Please ensure that you have read and understood the current risk disclosure documents before entering into any derivative transactions.

This report/document has been prepared by Centrum, based upon information available to the public and sources, believed to be reliable. No representation or warranty, express or implied is made that it is accurate or complete. Centrum has reviewed the report and, in so far as it includes current or historical information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed. The opinions expressed in this document/material are subject to change without notice and have no obligation to tell you when opinions or information in this report change.

This report or recommendations or information contained herein do/does not constitute or purport to constitute investment advice in publicly accessible media and should not be reproduced, transmitted or published by the recipient. The report is for the use and consumption of the recipient only. This publication may not be distributed to the public used by the public media without the express written consent of Centrum. This report or any portion hereof may not be printed, sold or distributed without the written consent of Centrum. Neither this document nor any copy of it may be taken or transmitted into the United State (to US persons), Canada, or Japan or distributed, directly or indirectly, in the United States or Canada or distributed or redistributed in Japan or to any resident thereof. The distribution of this document in other jurisdictions may be restricted by law, and persons into whose possession this document comes should inform themselves about, and observe, any such restrictions. Neither Centrum nor its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information.

This document does not constitute an offer or invitation to subscribe for or purchase or deal in any securities and neither this document nor anything contained herein shall form the basis of any contract or commitment whatsoever. This document is strictly confidential and is being furnished to you solely for your information, may not be distributed to the press or other media and may not be reproduced or redistributed to any other person. In particular, neither this document nor any copy thereof may be taken or transmitted into the United States, Canada or Japan or distributed, directly or indirectly, in the United States, Canada or Japan or to any US person.

The distribution of this report in other jurisdictions may be restricted by law and persons into whose possession this report comes should inform themselves about, and observe any such restrictions. By accepting this report, you agree to be bound by the fore going limitations. No representation is made that this report is accurate or complete.

The opinions and projections expressed herein are entirely those of the author and are given as part of the normal research activity of Centrum Broking and are given as of this date and are subject to change without notice. Any opinion estimate or projection herein constitutes a view as of the date of this report and there can be no assurance that future results or events will be consistent with any such opinions, estimate or projection.

This document has not been prepared by or in conjunction with or on behalf of or at the instigation of, or by arrangement with the company or any of its directors or any other person. Information in this document must not be relied upon as having been authorised or approved by the company or its directors or any other person. Any opinions and projections contained herein are entirely those of the authors. None of the company or its directors or any other person accepts any liability whatsoever for any loss arising from any use of this document or its contents or otherwise arising in connection therewith.

Sanjeev Patni	Head - Institutional Equities		sanjeev.patni@centrum.co.in	91-22-4215 9699
Research				
Dhananjay Sinha	Economist	Economy & Strategy	dhananjay.sinha@centrum.co.in	91-22-4215 9619
Niraj Shah	Sr Analyst	Metals & Mining, Pipes	niraj.shah@centrum.co.in	91-22-4215 9685
Mahantesh Sabarad	Sr Analyst	Automobiles/Auto Ancillaries	mahantesh.sabarad@centrum.co.in	91-22-4215 9855
Madanagopal R	Sr Analyst	Power, Capital Goods	r.madanagopal@centrum.co.in	91-22-4215 9684
Abhishek Anand	Analyst	Media, Education	a.anand@centrum.co.in	91-22-4215 9853
Ankit Kedia	Analyst	Media	ankit.kedia@centrum.co.in	91-22-4215 9634
Himani Singh	Analyst	Hospitality, Healthcare	himani.singh@centrum.co.in	91-22-4215 9865
Nitin Padmanabhan	Analyst	Technology	nitin.padmanabhan@centrum.co.in	91-22-4215 9690
Piyush Choudhary	Analyst	Telecom	p.choudhary@centrum.co.in	91-22-4215 9862
Pranshu Mittal	Analyst	Sugar, Retail	p.mittal@centrum.co.in	91-22-4215 9854
Rajan Kumar	Analyst	Cement	rajan.kumar@centrum.co.in	91-22-4215 9640
Rupesh Sankhe	Analyst	Real Estate, Infrastructure	rupesh.sankhe@centrum.co.in	91-22-4215 9636
Rajagopal Ramanathan	Analyst	Financial Services	rajagopal.ramanathan@centrum.co.in	91-22-4215 9644
Saikiran Pulavarthi	Analyst	Financial Services	saikiran.pulavarthi@centrum.co.in	91-22-4215 9637
Siddhartha Khemka	Analyst	Logistics	siddhartha.khemka@centrum.co.in	91-22-4215 9857
Sriram Rathi	Analyst	Pharmaceuticals	s.rathi@centrum.co.in	91-22-4215 9643
Adhidev Chattopadhyay	Associate	Real Estate	adhidev@centrum.co.in	91-22-4215 9632
Janhavi Prabhu	Associate	Sugar, Retail	janhavi.prabhu@centrum.co.in	91-22-4215 9864
Jatin Damania	Associate	Metals & Mining, Pipes	jatin.damania@centrum.co.in	91-22-4215 9647
Vijay Nara	Associate	Automobiles/Auto Ancillaries	vijay.nara@centrum.co.in	91-22-4215 9641
Sales				
V. Krishnan		+91-22-4215 9658	v.krishnan@centrum.co.in	+91 98216 23870
Ashish Tapuriah		+91-22-4215 9675	ashish.tapuriah@centrum.co.in	+91 99675 44060
Ashvin Patil		+91-22-4215 9866	ashvin.patil@centrum.co.in	+91 98338 92012
Siddharth Batra		+91-22-4215 9863	s.batra@centrum.co.in	+91 99202 63525
Centrum Securities (Euro	ppe) Ltd., UK			
Dan Harwood	CEO	+44-7830-134859	dan.harwood@centrum.co.in	
Michael Orme	Global Strategist	+44 (0) 775 145 2198	michael.orme@centrum.co.in	
Nicole Rappel	Client Management	+44 (0) 798 441 6878	nicole.rappel@centrum.co.in	
Centrum Securities LLC,	USA			
Melrick D'Souza		+1-646-701-4465	melrick.dsouza@centrumsecurities.com	

Key to Centrum Investment Rankings

Buy: Expected outperform Nifty by>15%, **Accumulate:** Expected to outperform Nifty by +5 to 15%, **Hold:** Expected to outperform Nifty by -5% to +5%, **Reduce:** Expected to underperform Nifty by 5 to 15%, **Sell:** Expected to underperform Nifty by>15%

Centrum Broking Private Limited

 ${\bf Member\,(NSE,BSE), Depository\,Participant\,(CDSL)\,and\,SEBI\,registered\,Portfolio\,Manager}$

Regn Nos

CAPITAL MARKET SEBI REGN. NO.: BSE: INB 011251130, NSE: INB231251134

DERIVATIVES SEBI REGN. NO.: NSE: INF 231251134 (TRADING & SELF CLEARING MEMBER)

CDSL DP ID: 12200. SEBI REGISTRATION NO.: IN-DP-CDSL-20-99

PMS REGISTRATION NO.: INP000000456

Website: www.centrum.co.in

website: www.centrum.co.in Investor Grievance Email ID: investor.grievances@centrum.co.in REGD. OFFICE Address Bombay Mutual Bldg.,2nd Floor, Dr. D. N. Road, Fort, Mumbai - 400 001

Correspondence Address Centrum House, 6th Floor, CST Road, Near Vidya Nagari Marg, Kalina, Santacruz (E), Mumbai 400 098. Tel: (022) 4215 9000