

Persistent Systems

Preparing for the big league

NEUTRAL

22 December 2014 BSE Sensex: 27702 Sector: IT Services

Stock data

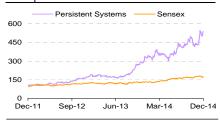
Stock data	
CMP (Rs)	1,604
Mkt Cap (Rsbn/US\$bn)	64.2 / 1.0
Target Price (Rs)	1,660
Change in TP (%)	+23.0
Potential from CMP (%)	+3.5
Earnings change (%)	
FY15E	\Leftrightarrow
FY16E	\Leftrightarrow
FY17E	\Leftrightarrow
Bloomberg code	PSYS IN
1-yr high/low (Rs)	1917/880
6-mth avg. daily volumes (n	n) 0.06
6-mth avg. daily traded valu	ıe
(Rsm/US\$m)	83.7 / 1.32
Shares outstanding (m)	40.0
Free float (%)	61.1
Promoter holding (%)	39.0

Persistent Systems' (Persistent) management, during the Investor Day, show-cased its 'ahead of the curve' technological prowess and strategy to create market position in Enterprise Digital Transformation (EDT) space. Key highlights:

- **Persistent striving to be the chosen vendor in EDT:** Enterprises globally are spending on digital transformation in addition to IT modernization. As per Zinnov, it is a ~US \$70bn market with ~26% CAGR estimated by 2020E. Despite competition, Persistent hopes to gain scale in this rapidly growing market.
- From me-too player to a leader in a niche category: Based on its superior technological capabilities and association of two decades with global software vendors in product development, Persistent aspires to emerge as a preferred vendor for enterprises in the latter's digital transformation journey.
- Acquisitions to drive IP business growth: Persistent would continue to innovate and build own intellectual properties. However, growth would be driven by acquisition of non-strategic products (end-of-life) of partners. Product upgrades and re-positioning should help Persistent cross-sell and extend product life.
- **FY15 growth guidance re-affirmed:** The management reiterated the ~15% revenue growth guidance for FY15, which implies ~6% CQGR for the next two quarters. The focus is to optimize PBT margins even as investments in sales and technology would continue to ensure long-term growth.

We believe the management has set its sights on getting into the big league with enterprises investing in digital transformation over the next decade. We build in ~19% CAGR for both USD revenue and INR EPS over FY14-17E and value Persistent at Rs1,660 (based on 16x FY17E EPS). Maintain Neutral as valuations leave limited upside in the near term even as we like the business model.

Price performance – relative and absolute



(%)	3-mth	6-mth	1-yr
Persistent Systems	13.3	45.9	59.2
BSE Sensex	1.8	10.3	31.4

Key financials

As on 31 March	FY13	FY14	FY15E	FY16E	FY17E
Net sales (Rs m)	12,945	16,692	19,026	23,334	28,270
Adj. net profit (Rs m)	1,876	2,493	2,970	3,593	4,153
Shares in issue (m)	40	40	40	40	40
Adj. EPS (Rs)	46.9	62.3	74.2	89.8	103.8
% change	32.3	32.9	19.1	21.0	15.6
PE (x)	34.2	25.7	21.6	17.9	15.5
Price/ Book (x)	6.3	5.2	4.5	3.8	3.2
EV/ EBITDA (x)	18.1	13.8	13.9	10.7	8.7
RoE (%)	20.2	22.3	22.4	22.9	22.2
RoCE (%)	26.6	27.9	24.4	27.7	28.2

Hitesh Shah

hitesh.shah@idfc.com 91-22-6622 2565 Abhishek Gupta

abhishek.gupta@idfc.com 91-22-6622 2661

For Private Circulation only. Important disclosures appear at the back of this report"

Income statement

Year to 31 Mar (Rs m)	FY13	FY14	FY15E	FY16E	FY17E
Net sales	12,945	16,692	19,026	23,334	28,270
% growth	29.4	28.9	14.0	22.6	21.2
3					
Operating expenses	9,593	12,389	14,776	17,964	21,895
EBITDA	3,352	4,303	4,250	5,370	6,375
% change	44.2	28.4	(1.2)	26.3	18.7
Other income	283	299	458	531	657
Net interest	(0)	-	-	-	-
Depreciation	783	1,026	947	998	1,072
Pre-tax profit	2,630	3,427	4,150	5,102	5,961
Current tax	754	934	1,180	1,509	1,808
Profit after tax	1,876	2,493	2,970	3,593	4,153
Net profit after					
non-recurring items	1,876	2,493	2,970	3,593	4,153
% change	32.3	32.9	19.1	21.0	15.6

Balance sheet

As on 31 Mar (Rs m)	FY13	FY14	FY15E	FY16E	FY17E
Paid-up capital	400	400	400	400	400
Reserves & surplus	9,783	11,823	13,951	16,655	19,919
Total shareholders' equity	10,183	12,223	14,351	17,055	20,319
Total current liabilities	1,835	2,785	2,953	3,383	3,877
Total debt	14	32	-	-	-
Other non-current liabilities	639	394	107	107	107
Total liabilities	2,489	3,210	3,059	3,490	3,984
Total equity & liabilities	12,671	15,434	17,410	20,545	24,303
Net fixed assets	4,677	4,362	4,378	4,917	5,494
Investments	173	823	1,651	1,651	1,651
Total current assets	6,908	9,368	10,941	13,537	16,717
Deferred tax assets	190	260	263	263	263
Other non-current assets	723	620	177	177	177
Working capital	5,073	6,584	7,988	10,154	12,840
Total assets	12,671	15,434	17,410	20,545	24,303

Cash flow statement

Year to 31 Mar (Rs m)	FY13	FY14	FY15E	FY16E	FY17E
Pre-tax profit	2,630	3,427	4,150	5,102	5,961
Depreciation	783	1,026	947	998	1,072
Chg in Working capital	(839)	(57)	(831)	(686)	(786)
Total tax paid	(754)	(934)	(1,180)	(1,509)	(1,808)
Ext ord. Items & others	568	(245)	(287)	-	-
Operating cash Inflow	2,388	3,216	2,799	3,905	4,439
Capital expenditure	(1,735)	(711)	(963)	(1,537)	(1,649)
Free cash flow (a+b)	653	2,505	1,836	2,369	2,790
Chg in investments	(1,251)	(1,606)	(796)	-	-
Debt raised/(repaid)	8	18	(32)	-	-
Dividend (incl. tax)	(409)	(562)	(702)	(889)	(889)
Misc	227	40	(143)	-	-
Net chg in cash	(772)	395	163	1,480	1,901

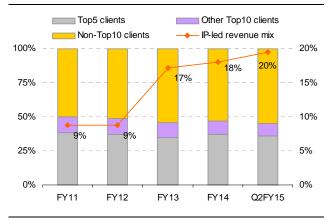
Key ratios

Year to 31 Mar	FY13	FY14	FY15E	FY16E	FY17E
EBITDA margin (%)	25.9	25.8	22.3	23.0	22.6
EBIT margin (%)	19.8	19.6	17.4	18.7	18.8
PAT margin (%)	14.5	14.9	15.6	15.4	14.7
RoE (%)	20.2	22.3	22.4	22.9	22.2
RoCE (%)	26.6	27.9	24.4	27.7	28.2
Gearing (x)	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)

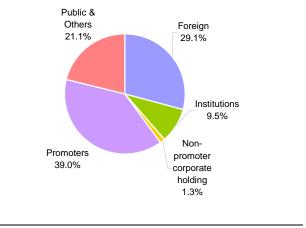
Valuations

Year to 31 Mar	FY13	FY14	FY15E	FY16E	FY17E
Reported EPS (Rs)	46.9	62.3	74.2	89.8	103.8
Adj. EPS (Rs)	46.9	62.3	74.2	89.8	103.8
PE (x)	34.2	25.7	21.6	17.9	15.5
Price/ Book (x)	6.3	5.2	4.5	3.8	3.2
EV/ Net sales (x)	4.7	3.5	3.1	2.5	2.0
EV/ EBITDA (x)	18.1	13.8	13.9	10.7	8.7
EV/ CE (x)	5.6	4.7	4.1	3.4	2.7

Client metrics



Shareholding pattern



As of September 2014

2 | IDFC SECURITIES 22 December 2014

Disclaimer

This document has been prepared by IDFC Securities Ltd (IDFC SEC). IDFC SEC is a full-service, integrated investment banking, and institutional broking group. There are no material disciplinary actions taken against IDFC SEC. Details of associates of IDFC SEC are attached as annexure.

This document does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction.

The information contained herein is from publicly available data or other sources believed to be reliable. While we would endeavour to update the information herein on reasonable basis, the opinions and information in this report are subject to change without notice and IDFC SEC, its subsidiaries and associated companies, their directors and employees ("IDFC SEC and affiliates") are under no obligation to update or keep the information current. Also, there may be regulatory, compliance, or other reasons that may prevent IDFC SEC and affiliates from doing so. Thus, the opinions expressed herein should be considered those of IDFC SEC as of the date on this document only. We do not make any representation either express or implied that information contained herein is accurate or complete and it should not be relied upon as such.

The information contained in this document has no regard to the specific investment objectives, financial situation or particular needs of any specific recipient. This document is prepared for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The investment discussed or views expressed in the document may not be suitable for all investors. Investors should make their own investigations as they deem necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved) and investment decisions based upon their own financial objectives and financial resources. Investors assume the entire risk of any use made of the information contained in the document. Investments in general involve some degree of risk, including the risk of capital loss. Past performance is not necessarily a guide to future performance and an investor may not get back the amount originally invested.

Foreign currency-denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or the price of, or income derived from, the investment. In addition, investors in securities, the values of which are influenced by foreign currencies, effectively assume currency risk.

Affiliates of IDFC SEC may have issued other reports that are inconsistent with and reach different conclusions from, the information presented in this report.

This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IDFC SEC and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this document may come are required to inform themselves of, and to observe, such applicable restrictions.

Reports based on technical analysis centers on studying charts of a stock's price movement and trading volume, as opposed to focusing on a company's fundamentals and, as such, may not match with a report on a company's fundamentals.

IDFC SEC and affiliates, their directors, officers, and employees may from time to time have positions in, purchase or sell, or be materially interested in any of the securities mentioned or related securities. IDFC SEC and affiliates may from time to time solicit from, or perform investment banking, or other services for, any company mentioned herein. Without limiting any of the foregoing, in no event shall IDFC SEC, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind including but not limited to any direct or consequential loss or damage, however arising, from the use of this document. Any comments or statements made herein are those of the analyst and do not necessarily reflect those of IDFC SEC and affiliates.

This document is subject to changes without prior notice and is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material and is not for any type of circulation. Any review, retransmission, or any other use is prohibited.

Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. IDFC SEC will not treat recipients as customers by virtue of their receiving this report.

IDFC Capital (USA) Inc. has reviewed the report and, to the extent that it includes present or past information, it is believed to be reliable, although its correctness cannot be

The analyst certifies that all of the views expressed in this research report accurately reflect his/her personal views about any and all of the subject issuer(s) or securities. The analyst certifies that no part of her compensation was, is, or will be directly or indirectly related to the specific recommendation(s) and/or views expressed in this report.

Additional Disclosures of interest:

Unless specifically mentioned in Point No. 9 below:

- 1. The Research Analyst(s), IDFC Sec, Associate of Analyst or his relative does not have any financial interest in the company(ies) covered in this report.
- 2. The Research Analyst, IDFC SEC or its associates or relatives of the Research Analyst affiliates collectively do not hold more than 1% of the securities of the company (ies) covered in this report as of the end of the month immediately preceding the distribution of the research report.
- 3. The Research Analyst, his associate, his relative and IDFC SEC do not have any other material conflict of interest at the time of publication of this research report.
- 4. The Research Analyst, IDFC SEC and its associates have not received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the company(ies) covered in this report, in the past twelve months.
- 5. The Research Analyst, IDFC SEC or its associates have not managed or co-managed in the previous twelve months, a private or public offering of securities for the company (ies) covered in this report.
- 6. IDFC SEC or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party, in connection with the
- 7. The Research Analyst has not served as an Officer, Director or employee of the company (ies) covered in the Research report.
- 8. The Research Analyst and IDFC SEC has not been engaged in market making activity for the company(ies) covered in the Research report.
- 9. Details IDFC SEC, Research Analyst and its associates pertaining to the companies covered in the Research report:

Sr. No.	Particulars	Yes / No.
1.	Whether compensation has been received from the company(ies) covered in the Research report in the past 12 months for investment banking transaction by IDFC SEC	No.
2.	Whether Research Analyst, IDFC SEC or its associates or relatives of the Research Analyst affiliates collectively hold more than 1% of the company(ies) covered in the Research report	No
3.	Whether compensation has been received by IDFC SEC or its associates from the company(ies) covered in the Research report	No
4.	IDFC SEC or its affiliates have managed or co-managed in the previous twelve months a private or public offering of securities for the company(ies) covered in the Research report	No
5.	Research Analyst, his associate, IDFC SEC or its associates have received compensation for investment banking or merchant banking or brokerage services or for any other products or services from the the company(ies) covered in the Research report, in the last twelve months	No

Explanation of Ratings:

1. Outperformer More than 5% to Index

2. Neutral Within 0-5% (upside or downside) to Index

3. Underperformer Less than 5% to Index

Copyright in this document vests exclusively with IDFC Securities Ltd.

3 | IDFC SECURITIES 22 December 2014

Annexure

Associates of IDFC Securities Limited

Sr. No.	Name of Company	Category	Nature of business
1.	IDFC Ltd.	Parent	Non Banking Finance Company, SEBI registered Merchant Banker, SEBI registered Debenture Trustee
2.	IDFC Capital (USA) INC.	Subsidiary	Broker Dealer registered with FINRA
3.	IDFC Capital (Singapore) Pte. Ltd.	Subsidiary	Fund Manager
4.	IDFC Securities Singapore Pte. Ltd.	Subsidiary	Dealing in Securities
5.	IDFC Fund of Funds Limited	Subsidiary	Sponsor Investments

4 | IDFC SECURITIES 22 December 2014

www.idfc.com

Analyst	Sector/Industry/Coverage	E-mail T	el.+91-22-6622 2600
Anish Damania	Co-CEO - IDFC Securities, Head - Institutional Equities; Strategy	anish.damania@idfc.com	91-22-6622 2522
Shirish Rane	Head of Research; Construction, Power	shirish.rane@idfc.com	91-22-662 22575
Prakash Joshi	Oil & Gas, Metals, Mining	prakash.joshi@idfc.com	91-22-662 22564
Nitin Agarwal	Pharmaceuticals, Real Estate, Agri-inputs	nitin.agarwal@idfc.com	91-22-662 22568
Hitesh Shah	IT Services & Telecom	hitesh.shah@idfc.com	91-22-662 22565
Manish Chowdhary	Financials	manish.chowdhary@idfc.com	91-22-662 22563
Bhoomika Nair	Engineering, Cement, Power Equipment, Logistics	bhoomika.nair@idfc.com	91-22-662 22561
Ashish Shah	Construction, Power	ashish.shah@idfc.com	91-22-662 22560
Deepak Jain	Automobiles, Auto ancillaries	deepak.jain1@idfc.com	91-22-662 22562
Vijayaraghavan G	Midcaps	vijayaraghavan.g@idfc.com	91-22-662 22690
Rohit Dokania	Media & Entertainment	rohit.dokania@idfc.com	91-22-662 22567
Abhishek Gupta	Telecom, IT services	abhishek.gupta@idfc.com	91-22-662 22661
Mohit Kumar, CFA	Construction, Power	mohit.kumar@idfc.com	91-22-662 22573
Param Desai	Pharmaceuticals, Real Estate, Agri-inputs	param.desai@idfc.com	91-22-662 22579
Sameer Narang	Strategy, Economy	sameer.narang@idfc.com	91-22-662 22566
Probal Sen	Oil & Gas	probal.sen@idfc.com	91-22-662 22569
Saumil Mehta	Metals, Mining	saumil.mehta@idfc.com	91-22-662 22578
Harit Kapoor	FMCG, Retail, Alcoholic Beverages	harit.kapoor@idfc.com	91-22-662 22649
Sameer Bhise	Financials	sameer.bhise@idfc.com	91-22-662 22635
Abhishek Ghosh	Engineering, Cement, Power Equipment, Logistics	abhishek.ghosh@idfc.com	91-22-662 22658
Saksham Kaushal	Automobiles, Auto ancillaries	saksham.kaushal@idfc.com	91-22-662 22529
D1 1 7 1			
Dharmendra Sahu	Database Analyst	dharmendra.sahu@idfc.com	91-22-662 22580
Dharmendra Sahu Equity Sales/Dealing	Database Analyst Designation		91-22-662 22580 el.+91-22-6622 2500
	·		
Equity Sales/Dealing	Designation	E-mail T	el.+91-22-6622 2500
Equity Sales/Dealing Ashish Kalra	Designation Managing Director, Sales	E-mail T ashish.kalra@idfc.com	el.+91-22-6622 2500 91-22-6622 2525
Equity Sales/Dealing Ashish Kalra Rajesh Makharia	Designation Managing Director, Sales Director, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com	91-22-6622 2525 91-22-6622 2528
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah	Designation Managing Director, Sales Director, Sales SVP, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com	91-22-6622 2525 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com	91-22-6622 2525 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com	91-22-6622 2525 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558 91-22-6622 2597
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com	91-22-6622 2525 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558 91-22-6622 2597 91-22-6622 2533
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com	91-22-6622 2525 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558 91-22-6622 2597 91-22-6622 2533 91-22-6622 2595
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales	E-mail ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com nirav.bhatt@idfc.com	91-22-6622 2525 91-22-6622 2528 91-22-6622 2528 91-22-6622 2596 91-22-6622 2558 91-22-6622 2597 91-22-6622 2533 91-22-6622 2595 91-22-6622 2681
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales AVP, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com nirav.bhatt@idfc.com chandan.asrani@idfc.com	91-22-6622 2500 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558 91-22-6622 2597 91-22-6622 2533 91-22-6622 2595 91-22-6622 2681 91-22-6622 2540
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani Sneha Baxi	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales AVP, Sales Manager, Sales Manager, Sales	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com nirav.bhatt@idfc.com chandan.asrani@idfc.com sneha.baxi@idfc.com	91-22-6622 2525 91-22-6622 2528 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558 91-22-6622 2597 91-22-6622 2533 91-22-6622 2595 91-22-6622 2681 91-22-6622 2540 91-22-6622 2537
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani Sneha Baxi Suryakant Bhatt	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales Director & Head - Sales trading	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com chandan.asrani@idfc.com sneha.baxi@idfc.com suryakant.bhatt@idfc.com	91-22-6622 2500 91-22-6622 2525 91-22-6622 2528 91-22-6622 2696 91-22-6622 2558 91-22-6622 2597 91-22-6622 2533 91-22-6622 2595 91-22-6622 2681 91-22-6622 2537 91-22-6622 2537
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani Sneha Baxi Suryakant Bhatt Mukesh Chaturvedi	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales Director & Head - Sales trading Director, Sales trading	E-mail ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com chandan.asrani@idfc.com sneha.baxi@idfc.com suryakant.bhatt@idfc.com mukesh.chaturvedi@idfc.com	91-22-6622 2525 91-22-6622 2528 91-22-6622 2528 91-22-6622 2596 91-22-6622 2558 91-22-6622 2597 91-22-6622 2595 91-22-6622 2595 91-22-6622 2540 91-22-6622 2537 91-22-6622 2693 91-22-6622 2512 91-22-6622 2527
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani Sneha Baxi Suryakant Bhatt Mukesh Chaturvedi Viren Sompura	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales Director & Head - Sales trading Director, Sales trading SVP, Sales trading	E-mail T ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com nirav.bhatt@idfc.com chandan.asrani@idfc.com sneha.baxi@idfc.com suryakant.bhatt@idfc.com mukesh.chaturvedi@idfc.com viren.sompura@idfc.com	91-22-6622 2525 91-22-6622 2528 91-22-6622 2528 91-22-6622 2596 91-22-6622 2558 91-22-6622 2597 91-22-6622 2595 91-22-6622 2595 91-22-6622 2540 91-22-6622 2537 91-22-6622 2693 91-22-6622 2512 91-22-6622 2527
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani Sneha Baxi Suryakant Bhatt Mukesh Chaturvedi Viren Sompura Rajashekhar Hiremath	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales AVP, Sales Director & Head - Sales trading Director, Sales trading SVP, Sales trading SVP, Sales trading	E-mail ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com nirav.bhatt@idfc.com chandan.asrani@idfc.com sneha.baxi@idfc.com suryakant.bhatt@idfc.com wiren.sompura@idfc.com rajashekhar.hiremath@idfc.com	91-22-6622 2525 91-22-6622 2528 91-22-6622 2528 91-22-6622 2558 91-22-6622 2558 91-22-6622 2597 91-22-6622 2595 91-22-6622 2595 91-22-6622 2540 91-22-6622 2540 91-22-6622 2537 91-22-6622 2512 91-22-6622 2512 91-22-6622 2517
Equity Sales/Dealing Ashish Kalra Rajesh Makharia Palak Shah Varun Saboo Arati Mishra Hemal Ghia Tanvi Dixit Nirav Bhatt Chandan Asrani Sneha Baxi Suryakant Bhatt Mukesh Chaturvedi Viren Sompura Rajashekhar Hiremath Alok Shyamsukha	Designation Managing Director, Sales Director, Sales SVP, Sales VP, Sales VP, Sales VP, Sales AVP, Sales AVP, Sales AVP, Sales AVP, Sales Director & Head - Sales trading Director, Sales trading SVP, Sales trading SVP, Sales trading VP, Sales trading VP, Sales trading	E-mail ashish.kalra@idfc.com rajesh.makharia@idfc.com palak.shah@idfc.com varun.saboo@idfc.com arati.mishra@idfc.com hemal.ghia@idfc.com tanvi.dixit@idfc.com nirav.bhatt@idfc.com chandan.asrani@idfc.com sneha.baxi@idfc.com suryakant.bhatt@idfc.com wiren.sompura@idfc.com rajashekhar.hiremath@idfc.com alok.shyamsukha@idfc.com	91-22-6622 2525 91-22-6622 2525 91-22-6622 2528 91-22-6622 2596 91-22-6622 2558 91-22-6622 2597 91-22-6622 2595 91-22-6622 2595 91-22-6622 2540 91-22-6622 2537 91-22-6622 2537 91-22-6622 2512 91-22-6622 2512 91-22-6622 2516 91-22-6622 2516

IDFC Securities

Naman Chambers, C-32, 7th floor, G- Block, Bandra-Kurla Complex, Bandra (East), Mumbai 400 051 **INDIA**

Tel: +91 22 6622 2600 Tel: +1 646 571 2303

2nd Floor,

IDFC Capital (USA) Inc,

Regus Business Centre

600 Third Avenue,

New York,10016

Our research is also available on Bloomberg and Thomson Reuters

For any assistance in access, please contact research@idfc.com