

# **Company Focus**

30 January 2008 | 8 pages

# Bharti Airtel (BRTI.BO)

# 3QFY08 - Show of Strength

- Wireless powers an in-line quarter Bharti's 3QFY08 EBITDA at Rs29.6bn was broadly in line as strong wireless EBITDA and operating leverage in Fixed line/Broadband negated pressure in Enterprise segments. PAT was exactly in line as lower finance and tax charges compensated for higher depreciation.
- Price elasticity still alive Wireless KPIs surprised slightly on the positive with moderate ARPU decline (2.2%qoq), as MOUs responded well to selective price cuts and seasonality; rev/min decline was slower due to higher % of outgoing calls. Signs of elasticity bode well for 4QFY08 given the pre-paid tariff cuts in early-Jan. Though EBITDA % declined 20bps due to higher quarterly run-rate of site additions at 7.5-8.0k (4.5-5.0k in FY07), mobile EBITDA was in line.
- Focus on EBIT margins from 4Q Management indicated that Bharti will start paying rentals to the towercos from Feb-08 which will lower EBITDA margins but also lower depreciation charge. We estimate FY09E EBITDA margin impact to be 160bps (assuming tenancy of 1.5x) which could be more than offset by depreciation savings (~6-7% of fixed assets; Rs70bn transferred to towercos).
- Other business showing promise, DTH launch in 1QFY09 ILD volume growth accelerated during 3Q with the acquisition of 2i though margins came in under pressure with rising competitive intensity. Fixed line/broadband had a stellar quarter with Bharti's strategy of cherry picking customers and latent operating leverage resulted in huge margin expansion for second quarter in a row. Meanwhile DTH launch is likely in 1QFY09. Bharti remains our top pick

Figuro	1	Statistical	Abstract
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Rs m	3QFY07	2QFY08	3QFY08	Y/Y (%)	Q/Q (%)
Income from Services	49,129	63,374	69,639	41.7	9.9
Access Charges	8,242	9,317	10,424	26.5	11.9
Network Op. Costs	5,328	7,520	8,851	66.1	17.7
Staff + SGA	10,930	13,159	13,739	25.7	4.4
License Fee	4,574	6,281	6,991	52.8	11.3
EBITDA	20,055	27,097	29,634	47.8	9.4
PBT	14,412	17,471	19,032	32.1	8.9
PAT	12,151	16,139	17,224	41.7	6.7

Source: Citi Investment Research

See Appendix A-1 for Analyst Certification and important disclosures.

Buy/Low Risk	1L
Price (30 Jan 08)	Rs862.25
Target price	Rs1,200.00
Expected share price return	39.2%
Expected dividend yield	0.0%
Expected total return	39.2%
Market Cap	Rs1,636,450M
	US\$41,640M

#### Price Performance (RIC: BRTI.BO, BB: BHARTI IN)



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Valuation Ratios     P/E adjusted (x)     72.4     38.4     23.8     18.4     15.4       P/E dijusted (x)     38.8     22.6     14.5     10.8     8.8       P/BV (x)     17.7     12.1     8.5     6.2     4.7       Dividend yield (%)     0.0     0.0     0.6     1.1     1.3       Per Share Data (Rs)     E     E     19.2     22.45     36.23     46.94     56.13       BVPS     48.67     71.50     101.69     138.12     181.72       DPS     0.00     0.00     5.40     9.40     11.20       Profit & Loss (Rsh)     Net sales     116.215     185.196     272.447     354.292     420.577       Derating expenses     -88.610     -135.896     -190.060     -242.567     -248.917       Non-operating/exceptionals     272     99     2.000     1,000     500       Pretar profit     25.365     48.61     80.03     106.412     Adjusted earnings     22.566     42.571     86.82     89.000     106.412	Fiscal year end 31-Mar	2006	2007	2008E	2009E	2010E
EV/EB/IDA adjusted (x)     38.8     22.6     14.5     10.8     8.8       P/BV (x)     17.7     12.1     8.5     6.2     4.7       Dividend yield (%)     0.0     0.0     0.6     1.1     1.3       Per Share Data (Rs)     E     56.23     46.94     56.13       EPS reported     11.92     22.45     36.23     46.94     56.13       BVPS     48.67     71.50     101.69     138.12     181.72       DPS     0.00     0.00     5.40     9.40     11.20       Portit & Loss (RsM)     Net sales     116.215     185.196     272.447     354.292     420.577       Operating expenses     -88.610     -135.896     -190.060     -242.567     -268.917       EBIT     27.605     49.300     82.337     111.125     133.660       Non-operating/exceptionals     272     999     2.000     1.000     500       Fre-tax profit     25.365     48.661     80.030     107.292     123.759       Extraoroft Imcome	Valuation Ratios					
EV/EB/IDA adjusted (x) 38.8 22.6 14.5 10.8 88 P/BV (x) 17.7 12.1 8.5 6.2 4.7 Dividend yield (%) 0.0 0.0 0.6 1.11 1.3 Per Share Data (Rs) EPS adjusted 11.92 22.45 36.23 46.94 56.13 BVPS 48.67 71.50 101.69 138.12 181.72 DPS 0.00 0.00 5.40 9.40 11.20 Profit & Loss (RsM) Net sales 116.215 185.196 272.447 354.292 420.577 Operating expenses -88.610 -135.896 -190.060 -242.567 -266.917 EBIT 27.605 49.300 82.387 111.725 133.660 Net interest expense -2.512 -1.438 -3.584 -5.496 -4.390 Non-operating/exceptionals 272 999 2.000 1.000 500 Pre-tax profit 25.365 48.681 80.083 107.229 129.770 Tax -2.539 -5.5622 -12.120 -18.229 129.770 Tax -2.539 -5.5622 -12.120 -18.229 129.770 Tax -2.539 -5.562 42.571 68.682 89,000 106.412 Adjusted earnings 22.566 42.571 68.682 89,000 106.412 Adjusted EBITDA 42.981 74.125 116.743 157.592 189.384 EBIT adjusted 47.4 78.6 67.1 35.6 19.6 EBITD Adjusted 47.4 78.6 67.1 35.6 19.6 EBITDA djusted 47.4 78.6 67.1 35.6 19.6 EBITDA djusted 47.4 78.6 67.1 35.6 19.6 EBITDA djusted 47.4 88.4 61.3 29.6 19.6 Cash Flow (RsM) Operating capital 7.295 -6.722 21.124 18.745 14.376 EDITDA djusted 47.4 88.4 61.3 29.6 19.6 Cash Flow (RsM) Operating cash flow 45.405 -72.786 1-73.579 -123.300 1.87 EBIT Adjusted 47.4 88.4 61.3 29.6 19.6 Cash Flow (RsM) Operating cash flow 5.338 7.054 4.744 23.803 15.5,19.6 EBITDA 41.25 57.5 35.0 2.02.2 EPS adjusted 47.4 88.4 61.3 29.6 19.6 Cash Flow (RsM) Operating cash flow 5.338 7.054 4.744 23.800 1.00.00 Dividends paid 0 0 0 -11.446 -19.924 -23.740 Ehance incash -438 4.813 3.503 11.488 27.955 Tax as equivalent 2.649 7.7448 3.50.391 428.827 487.970 Tatal assets 180.971 248.403 350.394 428.827 487.970 Tatal assets 180.971 248.403 350	P/E adjusted (x)	72.4	38.4	23.8	18.4	15.4
P/BV (c)     17.7     12.1     8.5     6.2     4.7       Dividend yield (%)     0.0     0.0     0.6     1.1     1.3       Per Share Data (Rs)     EPS adjusted     11.92     22.45     36.23     46.94     56.13       EPS reported     11.92     22.45     36.23     46.94     56.13       BVPS     48.67     71.50     101.69     138.12     181.72       DPS     0.00     0.00     5.40     9.40     11.20       Porfit & Loss (RsM)     Net sales     116.215     185.196     -190.060     -242.567     -286.917       BIT     77.605     49.300     82.87     111.725     133.660       Non-operating/exceptionals     272     99     2.000     1.000     500       Pre-tax profit     25.365     48.861     80.603     107.229     129.770       Tax     -2.539     -5.822     -12.120     -18.229     -23.359       Extrand /Min.Int/Pref div.     -266     42.571     68.682     89.000     106.412 </td <td></td> <td>38.8</td> <td></td> <td></td> <td>10.8</td> <td></td>		38.8			10.8	
Per Share Data (Rs)       EPS adjusted     11.92     22.45     36.23     46.94     56.13       EPS reported     11.92     22.45     36.23     46.94     56.13       BVPS     48.67     71.50     101.69     138.12     181.72       DPS     0.00     0.00     5.40     9.40     11.20       Profit & Los (RsM)     Net sales     116.215     185.196     272,447     354,292     420,577       Deprating expenses     -8.610     -135.896     -190,060     -242,567     -286,917       EBIT     27.605     49,300     82,387     111.725     133,660       Non-operating/exceptionals     272     999     2,000     1,000     500       Prata profit     25,365     48,661     80,803     107,229     129,770       Tax     -2,539     -5,822     -12,120     -18,229     -3,359       Extraord /Min.Int/Pref.div.     -266     42,571     68,682     89,000     106,412       Adjusted EBITDA     42,981     74,125	-	17.7		8.5	6.2	4.7
EPS adjusted     11.92     22.45     36.23     46.94     56.13       EPS reported     11.92     22.45     36.23     46.94     56.13       BVPS     0.00     0.00     5.40     9.40     11.20       Profit & Loss (RsM)        36.23     46.94     56.13       Profit & Loss (RsM)       37.00     5.40     9.40     111.20       Portit & Loss (RsM)       37.05     49.300     82.387     111.725     133.660       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25.85     48.661     80.603     107.229     129.70       Tax     -2,539     -5.822     -12.120     -18.229     -23.359       Extraord/Min.Int/Pref.div.     -26.66     42.571     66.822     89.000     106.412       Adjusted EBITDA     42.981     74.125     116.743     157.592     189.84       Growth Rates (%)       25.57     5.5.02	Dividend yield (%)	0.0	0.0	0.6	1.1	1.3
EPS reported     11.92     22.45     36.23     46.94     56.13       BVPS     48.67     71.50     101.69     138.12     181.72       DPS     0.00     0.00     5.40     9.40     11.20       Profit & Loss (RsM)           354.292     420.577     Operating expenses     -88.610     -135.896     -190.060     -242.567     -286.917       BIT     77.605     49.300     82.387     111.725     133.660     Net interest expense     -2.512     -1,438     -3,584     -5,496     -4.390       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25.365     48.861     80.803     107.229     -23.359       Extraord/Min.Int/Pref.div.     -26.66     42.571     68.682     89,000     106.412       Adjusted earnings     22.566     42.571     68.682     89.000     106.412       Adjusted EBITDA     42.981     74.125     116.743     157.592     189.344	Per Share Data (Rs)					
BVPS     48.67     71.50     101.69     138.12     181.72       DPS     0.00     0.00     5.40     9.40     11.20       Profit & Loss (RsM)     Net sales     116,215     185,196     272,447     354,292     420,577       Coperating expenses     -88,610     -135,896     -190,060     -242,567     -286,917       EBIT     27,605     49,300     82,387     111,725     133,660       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     -23,359       Extraord.Min.Int./Pref.div.     -260     -468     0     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted EBITDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       Bill adjusted     47.4     86     67.1	EPS adjusted	11.92	22.45	36.23	46.94	56.13
DPS     0.00     0.00     5.40     9.40     11.20       Profit & Loss (RsM)		11.92	22.45	36.23	46.94	56.13
Profit & Loss (RsM)       Net sales     116,215     185,196     272,447     354,292     420,577       Operating expenses     -88,610     -135,896     -190,060     -242,567     -286,917       EBIT     27,605     49,300     82,387     111,725     133,660       Net interest expense     -2,512     -1,438     -3,584     -5,496     -4,330       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     129,770       Tax     -2,539     -5,822     -12,120     -18,229     -23,359       Extraord./Min.Int./Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted emings     22,566     47,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45,2     59,4     47,1     30.0     18.7       BEIT adjusted     47,4     78,6 <td>BVPS</td> <td>48.67</td> <td>71.50</td> <td>101.69</td> <td>138.12</td> <td>181.72</td>	BVPS	48.67	71.50	101.69	138.12	181.72
Net sales     116,215     185,196     272,447     354,292     420,577       Operating expenses     -88,610     -135,896     -190,060     -242,567     -286,917       EBIT     27,605     49,300     82,387     111,725     133,660       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     -23,359       Extraord/Min.Int/Pref.div.     -2,60     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted EBIDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBITDA adjusted     47.4     78.6     67.1     35.6     19.6       Cash Flow (RsM)     Derating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825	DPS	0.00	0.00	5.40	9.40	11.20
Operating expenses     -88,610     -135,896     -190,060     -242,567     -286,917       EBIT     27,605     49,300     82,387     111,725     133,660       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     -23,359       Extraord/Min.Int./Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted EBTDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBITDA adjusted     47.4     78.6     67.1     35.6     19.6       Cash Flow (RsM)     Depreating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     -124,301     -114,8745     14,376       Invet working capital     7,295     -672<	Profit & Loss (RsM)					
Operating expenses     -88,610     -135,896     -190,060     -242,567     -286,917       EBIT     27,605     49,300     82,387     111,725     133,660       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     -23,359       Extraord/Min.Int./Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted EBTDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBITDA adjusted     47.4     78.6     67.1     35.6     19.6       Cash Flow (RsM)     Depreating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     -124,301     -114,8745     14,376       Invet working capital     7,295     -672<	Net sales	116,215	185,196	272,447	354,292	420,577
EBIT     27,605     49,300     82,387     111,725     133,660       Net interest expense     -2,512     -1,438     -3,584     -5,496     -4,390       Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     129,770       Tax     -2,539     -5,822     -12,120     -18,229     -23,359       Extraord/Min.Int/Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted EBIDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBIT adjusted     47.4     78.6     67.1     35.6     19.6       Cash Flow (RsM)     Depreating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Non-operating/exceptionals     272     999     2,000     1,000     500       Pre-tax profit     25,365     48,861     80,803     107,229     129,770       Tax     -2,539     -5,822     -12,120     -18,229     -23,359       Extraord/Min.Int/Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted earnings     22,566     42,571     68,682     89,000     106,412       Adjusted EBITDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBITA adjusted     47.4     78.6     67.1     35.6     19.6       Cash Flow (RsM)     Depreting cash flow     48,320     70,548     127,425     159,108     180,902       Depreting cash flow     -54,095     -72,788     -135,029     -123,920     -114,857       Acquisitions/disposals     3,631     1,952		27,605	49,300	82,387		
Pre-tax profit     25,365     48,861     80,803     107,229     129,770       Tax     -2,539     -5,822     -12,120     -18,229     -23,359       Extraord //Min.Int//Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted earnings     22,566     42,571     68,682     89,000     106,412       Adjusted EBITDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBIT adjusted     47.4     78.6     67.1     35.6     19.6       EBIT adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RSM)     Deperating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -72,788     -135,79	Net interest expense	-2,512	-1,438	-3,584	-5,496	-4,390
Tax     -2,539     -5,822     -12,120     -18,229     -23,359       Extraord./Min.Int/Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted earnings     22,566     42,571     68,682     89,000     106,412       Adjusted earnings     22,566     42,571     68,682     89,000     18,7       Ball     EBIT adjusted     47,4     78.6     67.1     35.6     19.6       BITDA adjusted     47.4     78.6     67.1     35.0     20.2     19.6       Cash Flow (RsM)     Uperating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7.295     -672     21,124     18,745     14,370       Capital expenditure     -57,309     -72,788     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631				2,000		500
Extraord./Min.Int./Pref.div.     -260     -468     0     0     0       Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted EBITDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBIT adjusted     47.4     78.6     67.1     35.6     19.6       EBTDA adjusted     44.8     72.5     57.5     35.0     20.2       EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     Depreating cash flow     48,320     70.548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -53,338     7,054     4,744     -23,801     -318,279       Capital expenditure     -57,309     -74,788     -135,7	-					
Reported net income     22,566     42,571     68,682     89,000     106,412       Adjusted earnings     22,566     42,571     68,682     89,000     106,412       Adjusted EBITDA     42,981     74,125     116,743     157,592     189,384       Growth Rates (%)     Sales     45,2     59,4     47.1     30,0     18.7       EBIT adjusted     47.4     78.6     67.1     35.6     19.6       EBITAA adjusted     44.8     72.5     57.5     35.0     20.2       EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     Uperating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798						
Adjusted earnings   22,566   42,571   68,682   89,000   106,412     Adjusted EBITDA   42,981   74,125   116,743   157,592   189,384     Growth Rates (%)   Sales   45.2   59.4   47.1   30.0   18.7     EBIT adjusted   47.4   78.6   67.1   35.6   19.6     EBITA djusted   47.4   78.6   67.1   35.6   19.6     Cash Flow (RsM)   0   0   19.6   19.6     Depreciation/amortization   15,376   24,825   34,356   45,867   55,724     Net working capital   7,295   -72,788   -135,799   -123,920   -113,700     Investing cash flow   -57,309   -74,798   -136,025   -124,301   -114,867     Acquisitions/disposals   3,631   1,952   0   0   0   0     Financing cash flow   5,338   7,054   4,744   -23,801   -39,297     Borrowings   -806   7,428   20,000   2,000   -10,000     Dividends paid   0   0   -11,446   -19,924						-
Adjusted EBITDA   42,981   74,125   116,743   157,592   189,384     Growth Rates (%)   Sales   45.2   59.4   47.1   30.0   18.7     EBIT adjusted   47.4   78.6   67.1   35.0   19.6     EBITDA adjusted   44.8   72.5   57.5   35.0   20.2     EPS adjusted   47.4   88.4   61.3   29.6   19.6     Cash Flow (RsM)   Depretation/amortization   15,376   24,825   34,356   45,867   55,724     Net working capital   7,295   -672   21,124   18,745   14,376     Investing cash flow   -54,095   -72,788   -135,799   -123,920   -113,700     Caquisitions/disposals   3,631   1,952   0   0   0   0     Financing cash flow   5,338   7,054   4,744   -23,801   -39,297     Borrowings   -806   7,428   20,000   2,000   -10,000     Dividends paid   0   0   -11,446   -19,924   -23,740     Change in cash   -438   4,813   <	-					
Growth Rates (%)     Sales     45.2     59.4     47.1     30.0     18.7       EBIT adjusted     47.4     78.6     67.1     35.6     19.6       EBITDA adjusted     44.8     72.5     57.5     35.0     20.2       EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     Operating cash flow     48,320     70.548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -136,025     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000						
Sales     45.2     59.4     47.1     30.0     18.7       EBIT adjusted     47.4     78.6     67.1     35.6     19.6       EBITOA adjusted     44.8     72.5     57.5     35.0     20.2       EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     Depreciation/amortization     15.376     24.825     34.356     45.867     55.724       Net working capital     7.295     -72.788     -135.799     -123.920     -113.700       Capital expenditure     -57.309     -74.798     -136.025     -124.301     -114.867       Acquisitions/disposals     3.631     1.952     0     0     0       Financing cash flow     5.338     7.054     4.744     -23.801     -39.297       Borrowings     -806     7.428     20.000     2.000     -10.000       Dividends paid     0     0     -11.446     -19.924     -23.740       Change in cash     -438     4.813     -3.630     11.388     27.905 <td></td> <td>42,981</td> <td>74,125</td> <td>116,743</td> <td>157,592</td> <td>189,384</td>		42,981	74,125	116,743	157,592	189,384
EBIT adjusted     47.4     78.6     67.1     35.6     19.6       EBITDA adjusted     44.8     72.5     57.5     35.0     20.2       EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     0     0     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -14,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000     2,000     -10,000       Dividends paid     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,388     27		45.0	50.4	47.1	20.0	10.7
EBITDA adjusted     44.8     72.5     57.5     35.0     20.2       EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     0     0     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -24,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -139,297       Borrowings     -806     7,428     20,000     2,000     -10,000       Dividends paid     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,38						
EPS adjusted     47.4     88.4     61.3     29.6     19.6       Cash Flow (RsM)     U       Operating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000     2,000     -000     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,388     27,905     Balance Sheet (RsM)       Total assets     215,681     296,690						
Cash Flow (RsM)       Operating cash flow     48,320     70,548     127,425     159,108     180,902       Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000     2,000     -10,000       Dividends paid     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,388     27,905       Balance Sheet (RSM)     -     -     -13,200     20,523     582,110       Cash & cash equivalent     2,649     7,464						
Operating cash flow48,32070,548127,425159,108180,902Depreciation/amortization15,37624,82534,35645,86755,724Net working capital7,295-67221,12418,74514,376Investing cash flow-54,095-72,788-135,799-123,920-113,700Capital expenditure-57,309-74,798-136,025-124,301-114,867Acquisitions/disposals3,6311,952000Financing cash flow5,3387,0544,744-23,801-39,297Borrowings-8067,42820,0002,000-10,000Dividends paid00-11,446-19,924-23,740Change in cash-4384,813-3,63011,38827,905Balance Sheet (RsM)Total assets215,681296,690400,033493,657582,110Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable000000Total induction payable00000Total liabilities93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%) <td></td> <td>47.4</td> <td>00.4</td> <td>01.5</td> <td>23.0</td> <td>15.0</td>		47.4	00.4	01.5	23.0	15.0
Depreciation/amortization     15,376     24,825     34,356     45,867     55,724       Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000     2,000     -10,000       Dividends paid     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,388     27,905       Balance Sheet (RsM)     -     -     -142,833     15,221     43,126       Accounts receivable     14,203     17,982     21,796     24,800     25,235       Net fixed assets     180,971     248,403     350,394     428,827		10 220	70 540	107 405	150 100	100 002
Net working capital     7,295     -672     21,124     18,745     14,376       Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000     2,000     -10,000       Dividends paid     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,388     27,905       Balance Sheet (RsM)     - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Investing cash flow     -54,095     -72,788     -135,799     -123,920     -113,700       Capital expenditure     -57,309     -74,798     -136,025     -124,301     -114,867       Acquisitions/disposals     3,631     1,952     0     0     0       Financing cash flow     5,338     7,054     4,744     -23,801     -39,297       Borrowings     -806     7,428     20,000     2,000     -10,000       Dividends paid     0     0     -11,446     -19,924     -23,740       Change in cash     -438     4,813     -3,630     11,388     27,905       Balance Sheet (RsM)     -						
Capital expenditure-57,309-74,798-136,025-124,301-114,867Acquisitions/disposals3,6311,952000Financing cash flow5,3387,0544,744-23,801-39,297Borrowings-8067,42820,0002,000-10,000Dividends paid00-11,446-19,924-23,740Change in cash-4384,813-3,63011,38827,905Balance Sheet (RsM)Total assets215,681296,690400,033493,657582,110Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable00000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROIC adjusted21.727.030.431.031.231.2Net debt to equity34.232.835.322.56.2						
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Financing cash flow5,3387,0544,744-23,801-39,297Borrowings-8067,42820,0002,000-10,000Dividends paid00-11,446-19,924-23,740Change in cash-4384,813-3,63011,38827,905Balance Sheet (RsM)Total assets215,681296,690400,033493,657582,110Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable000000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROIC adjusted21.727.030.431.031.231.2Net debt to equity34.232.835.322.56.2						
Borrowings-8067,42820,0002,000-10,000Dividends paid00-11,446-19,924-23,740Change in cash-4384,813-3,63011,38827,905Balance Sheet (RsM)Total assets215,681296,690400,033493,657582,110Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable000000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2				4,744	-23,801	-39,297
Change in cash-4384,813-3,63011,38827,905Balance Sheet (RsM)Total assets215,681296,690400,033493,657582,110Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable00000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2	_			20,000		
Balance Sheet (RsM)       Total assets     215,681     296,690     400,033     493,657     582,110       Cash & cash equivalent     2,649     7,464     3,833     15,221     43,126       Accounts receivable     14,203     17,982     21,796     24,800     25,235       Net fixed assets     180,971     248,403     350,394     428,827     487,970       Total liabilities     122,545     159,336     205,442     229,991     235,772       Accounts payable     0 <td>Dividends paid</td> <td>0</td> <td>0</td> <td>-11,446</td> <td>-19,924</td> <td>-23,740</td>	Dividends paid	0	0	-11,446	-19,924	-23,740
Total assets215,681296,690400,033493,657582,110Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable00000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROE adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2	Change in cash	-438	4,813	-3,630	11,388	27,905
Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable000000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROE adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2	Balance Sheet (RsM)					
Cash & cash equivalent2,6497,4643,83315,22143,126Accounts receivable14,20317,98221,79624,80025,235Net fixed assets180,971248,403350,394428,827487,970Total liabilities122,545159,336205,442229,991235,772Accounts payable000000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROE adjusted29.537.441.839.235.1ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2	Total assets	215,681	296,690	400,033	493,657	582,110
Net fixed assets     180,971     248,403     350,394     428,827     487,970       Total liabilities     122,545     159,336     205,442     229,991     235,772       Accounts payable     0     0     0     0     0     0     0     0       Total Debt     34,503     52,461     72,461     74,461     64,461     Shareholders' funds     93,135     137,354     194,590     263,666     346,338       Profitability/Solvency Ratios (%)     EBITDA margin adjusted     37.0     40.0     42.8     44.5     45.0       ROE adjusted     29.5     37.4     41.8     39.2     35.1     ROIC adjusted     21.7     27.0     30.4     31.0     31.2       Net debt to equity     34.2     32.8     35.3     22.5     6.2						
Total liabilities122,545159,336205,442229,991235,772Accounts payable00000Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROE adjusted29.537.441.839.235.1ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2	Accounts receivable		17,982			25,235
Accounts payable     0     0     0     0     0     0       Total Debt     34,503     52,461     72,461     74,461     64,461       Shareholders' funds     93,135     137,354     194,590     263,666     346,338       Profitability/Solvency Ratios (%)     EBITDA margin adjusted     37.0     40.0     42.8     44.5     45.0       ROE adjusted     29.5     37.4     41.8     39.2     35.1       ROIC adjusted     21.7     27.0     30.4     31.0     31.2       Net debt to equity     34.2     32.8     35.3     22.5     6.2	Net fixed assets		248,403	350,394	428,827	487,970
Total Debt34,50352,46172,46174,46164,461Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROE adjusted29.537.441.839.235.1ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2		122,545	159,336	205,442	229,991	
Shareholders' funds93,135137,354194,590263,666346,338Profitability/Solvency Ratios (%)EBITDA margin adjusted37.040.042.844.545.0ROE adjusted29.537.441.839.235.1ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2						
Profitability/Solvency Ratios (%)       EBITDA margin adjusted     37.0     40.0     42.8     44.5     45.0       ROE adjusted     29.5     37.4     41.8     39.2     35.1       ROIC adjusted     21.7     27.0     30.4     31.0     31.2       Net debt to equity     34.2     32.8     35.3     22.5     6.2						
EBITDA margin adjusted37.040.042.844.545.0ROE adjusted29.537.441.839.235.1ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2	Shareholders' funds	93,135	137,354	194,590	263,666	346,338
ROE adjusted29.537.441.839.235.1ROIC adjusted21.727.030.431.031.2Net debt to equity34.232.835.322.56.2						
ROIC adjusted     21.7     27.0     30.4     31.0     31.2       Net debt to equity     34.2     32.8     35.3     22.5     6.2						
Net debt to equity     34.2     32.8     35.3     22.5     6.2						
iotal debt to capital 27.0 27.6 27.1 22.0 15.7						
	lotal debt to capital	27.0	27.6	27.1	22.0	15./

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## Concerns on elasticity partially addressed; 4Q will be key

While Bharti recently cut tariffs for lifetime subs in Dec 07 and followed it by slashing outgoing call rates on pre-paid (ex-lifetime) to Rs1/min from an estimated national average of Rs1.4-1.5/min, management mentioned that price elasticity still exists in some segments – pre-paid and even lifetime. This was evident from pick-up in MOUs during the quarter notwithstanding the seasonality benefit. This bodes well for 4QFY08 and FY09 MOUs esp. in the context of recent pre-paid tariff cuts. In addition, in:out mix improved during the quarter resulting in slower decline in revenue per min (3.3%qoq vs. 4.5%qoq decline in 2Q).

Figure 2. Wireless bus	iness para	meters						
Rs m	1007	2007	3Q07	4007	1Q08	2008	3008	Remarks
Revenue	28,411	33,022	37,579	42,431	46,976	50,579	56,105	11% QoQ revenue growth supported by moderate decline in ARPU
EBITDA	10,341	12,179	14,129	16,604	19,087	20,728	22,887	
EBITDA margin (%)	36.4	36.9	37.6	39.1	40.6	41.0	40.8	Margins under pressure with rising network opex
ARPU	441	438	427	406	390	366	358	Moderate decline in ARPU, positive surprise
MoU	441	451	467	475	478	469	474	Price elasticity resulting from lifetime tariff cuts + seasonality. Pre-paid MOUs up 14.7%
Prepaid as % of net adds	93.7	92	96.2	97.3	97.5	95.4	95.4	35% of incremental subs from lifetime
Data as % of revenues	10.8	10.3	10.4	10.1	9.9	9.8	9.3	
Number of sites			34,307	39,224	45,784	52,826	60,299	
Census towns	4,026	4,357	4,581	4,676	4,855	4,876	4,902	
Non-census towns/villages	101,614	155,076	176,593	207,327	243,584	290,000	320,623	
Population coverage	46%	50%	54%	59%	62%	65%	68%	On track to achieve 80-85% coverage by FY09
Minutes (mn)	28194	33844	41305	49240	57125	64375	73840	Robust 15%qoq growth in minutes continues
Revenue per minute (Rs)	1.01	0.98	0.91	0.86	0.82	0.79	0.76	QoQ decline in rev/min slowed despite higher proportion of lifetime subs
EBITDA per minute (Rs)	0.37	0.36	0.34	0.34	0.33	0.32	0.31	
Capex per minute (Rs)	2.74	3.51	1.26	1.42	2.71	2.73	2.86	
Source Citi Investment	Decearch of	timataa						

Source: Citi Investment Research estimates

## Likely impact of tower hive-off

#### Figure 3. Bharti gains from tower hive-off

Net tower fixed assets (Rs bn) Number of towers	<b>Mar-07</b> 38 34,000	Dec-07 70 50,000	Comments
Bharti's EBITDA impact assuming 1.5x tenancy and 50k rental (Rs m) EBITDA margin impact Depreciation reduction (Rs m) Net gain at EBIT level (Rs m)		<b>FY09</b> (4,461) -1.6% 5,600 1,139	Assuming 8% of current net fixed assets
Source: Citi Investment Research estimates			

# Wholesale Voice - Strong volume growth but hit by pricing pressures

Figure 4. Long distance voice parameters											
Rs m	1007	2007	3Q07	4007	1008	2008	3008	Remarks			
NLD minutes	2882	3628	4429	5004	5856	6774	7898	Led by lowering of NLD tariffs			
ILD minutes	753	882	1059	1194	1243	1345	1591	Sharp increase in usage			
Revenue	7,064	8,362	9,306	10,156	9,210	10,048	11,346				
EBITDA	2,750	3,367	4,002	3,640	3,169	3,462	3,652				
EBITDA margin (%)	38.9	40.3	43.0	35.8	34.4	34.5	32.2	Competitive intensity results in margin pressure			
EBITDA / LD minutes (Rs)	0.76	0.75	0.73	0.59	0.45	0.43	0.38				
Source: Citi Investment F	Research esti	mates									

# Fixed Line - Cherry picking results in steady margin expansion

Rs m	1007	2007	3007	4Q07	1008	2008	3Q08	Remarks		
Revenue	5,182	5,244	5,984	6,044	6,513	7,023	7,307			
BITDA	1,193	1,069	1,613	1,727	2,100	2,790	3,173			
BITDA margin (%)	23.0	20.4	27.0	28.6	32.2	39.7	43.4	Sharp increase in margins due to rising op leverage		
ARPU	1202	1115	1198	1112	1121	1150	1140	ARPU rem	iains stable	
Coverage of towns	92	94	94	94	94	94	94			
Number of DSL subs	383,000	473,070	550,000	593,230	652,818	705,512	751,470			
Source: Citi Investme	nt Research									
Figure C. Enternrise	(Cornerator		romotoro							
Figure 6. Enterprise	(Corporates	) business pa	rameters							
	-	) business pa	rameters 2007	3Q07	4007	1008		2008	3008	Remarks
Rsm	10	-		<b>3007</b> 2,422	<b>4007</b> 2,511	<b>1Q08</b> 2,730		<b>2Q08</b> 3,423	<b>3Q08</b> 3,290	Remarks
<b>Figure 6. Enterprise</b> <b>Rs m</b> Revenue EBITDA	<b>1(</b> 1,9	107	2007							Remarks

Source: Citi Investment Research

# Bharti Airtel

### **Company description**

Bharti Airtel, through its group companies, provides cellular-phone services in all the 23 telecom circles of India. The group also provides fixed-line phone services, broadband, long-distance and enterprise services. The company is listed on The Stock Exchange, Mumbai (BSE) and The National Stock Exchange of India Limited (NSE). Major shareholders are Bharti Telecom, SingTel and Vodafone.

#### Investment strategy

We rate Bharti Buy/Low Risk (1L). We believe continued robust wireless market expansion in India and Bharti's ability to capture this growth profitably will be a recurring theme. We estimate FY07-10 earnings CAGR of 36%, more than double the broader market. We believe that competitive pressures, though intense, will remain rational as low revenue yields and moderate EBITDA margins leave little room for disruptive pricing. Additionally, most regulatory concerns are behind us and 3G recommendations, though discomforting, cannot derail the growth path, in our view. The company has yet to realize the benefits of economies of scale, and we expect a slight strengthening of margins over the next 2-3 years. We also expect the towerco hive-off (Bharti Infratel) to be a value accretive looking beyond the immediate impact on margins, given Bharti's stated intentions to be a minority stake owner in the towerco.

### Valuation

Our 12-month forward target price of Rs1,200 is based on Sep-08 core DCF of Rs1,010 and a towerco option value of Rs170. The DCF is based on a WACC of 10.7%, a terminal growth rate of 4% and beta of 0.9. We prefer DCF as our primary valuation methodology because the wireless market will likely continue to see robust growth requiring upfront capex but should generate significant free cash beyond FY09-10E. Our target price (net of towerco value) represents a FY09E P/E of 21.5x, P/CEPS of 14.2x and EV/EBITDA of 12.5x.

### Risks

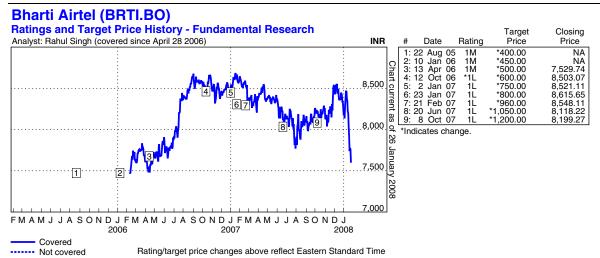
Our quantitative risk-rating system, which tracks 260-day share price volatility, rates Bharti as Low Risk. We are comfortable attributing a Low Risk rating for the following reasons: 1) Bharti has a track record of profitability and execution; 2) the company's capex plans are fully funded; and 3) SingTel's strategic shareholding leaves us comfortable with execution issues and initiatives. Risks that could prevent the stock from reaching our target price include competition-led tariff pressures, un-remunerative capex, overall market downside, and slower-than-expected execution of the tower-sharing initiative.

# Appendix A-1

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