

| (Maintain) | | Buy | | | | |
|---------------------|----------|----------|------|--|--|--|
| Target Price (12M, | 63 | ,000 | | | | |
| Share Price (08/08/ | 39 | ,500 | | | | |
| Expected Return | | 59% | | | | |
| OP (19F, Wbn) | | | 49 | | | |
| Consensus OP (19F | , Wbn) | | 46 | | | |
| EPS Growth (19F, % |) | 81.1 | | | | |
| Market EPS Growth | (19F, %) | -26.0 | | | | |
| P/E (19F, x) | | 9.9 | | | | |
| Market P/E (19F, x) | | 11.7 | | | | |
| KOSPI | | 1,920.61 | | | | |
| Market Cap (Wbn) | | | 608 | | | |
| Shares Outstanding | g (mn) | | 15 | | | |
| Free Float (%) | | | 30.5 | | | |
| Foreign Ownership | (%) | | 1.2 | | | |
| Beta (12M) | | | 0.18 | | | |
| 52-Week Low | | 25,850 | | | | |
| 52-Week High | | 51,300 | | | | |
| (%) | 1M | 6M | 12M | | | |
| Absolute | -0.3 | 1.8 30.4 | | | | |
| Relative | 7.2 | 15.4 | 56.2 | | | |



Mirae Asset Daewoo Co., Ltd.

[Conglomerates/Software]

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Lotte Data Communication

(286940 KS)

Earnings surprise; Watch for merger synergy in 2H19

2Q19 review: Earnings surprise, with consolidated OP of W13.7bn (+50.6% YoY)

For 2Q19, Lotte Data Communication announced consolidated revenue of W216.2bn (+8.1% YoY), operating profit of W13.7bn (+50.6% YoY), and net profit attributable to controlling interests of W31.1bn (+371.0% YoY). Operating profit handily beat our estimate (W11.1bn) and the market consensus (W9.8bn).

We believe the biggest highlight of the results is the rapid improvement in OP margin (6.3%; vs. 4.5% in 2Q18 and 3.0% in 1Q19), which we attribute to price increases (+3.4% YoY) in system management and the growing revenue mix of internally developed solutions in high-margin areas such as cloud and AI. We expect the system management unit to continue to drive margin improvement in 2H19.

Hyundai Information Technology (HIT), which was merged into Lotte Data Communication on July 1st, turned to an operating profit despite increased data center depreciation expenses (W5bn) in 2Q19. The Yongin data center began to normalize from end-March, with utilization reaching 95% in 2Q19 (contract basis), having a positive effect on operating profit. Meanwhile, net profit attributable to controlling interests sharply increased, reflecting a loss carryforward (approximately W15bn) related to the HIT merger.

Likely to exceed full-year earnings guidance; Merger synergy to materialize in 2H19

For the full year, we expect Lotte Data Communication to post revenue of W901.8bn (+11.1% YoY), operating profit of W49.1bn (+26.0% YoY), and net profit attributable to controlling interests of W59.2bn (+125.0% YoY), exceeding the company's guidance (revenue growth of more than 10% and OP margin of more than 4.8%). We expect quarterly operating profit to continue to improve YoY to W10.8bn (+46.7% YoY) in 3Q19 and W19bn (+15.8% YoY) in 4Q19.

We believe the merger with HIT has made Lotte Data Communication well-positioned to win data center and SOC projects (railway, airports and ports, etc.) in Korea and abroad. We expect cost savings from the merger to enable efficient resource allocation and enhance cost competitiveness, which will start being reflected in earnings from 2H19. Meanwhile, we expect Lotte Data Communication to pursue the acquisition of a fintech company in Vietnam using its cash holdings (W230bn).

Maintain Buy and TP of W63,000; Biggest beneficiary of Lotte Group's IT spending

We maintain our Buy call and target price of W63,000 on Lotte Data Communication. Excluding a one-off factor on the non-operating side in 2Q19, the stock is currently trading at a 2019F P/E of 14x, a discount to peers such as Samsung SDS (018260 KS/Buy/TP: W290,000/CP: W199,000; 22x) and Hyundai Autoever (307950 KS/CP: W53,900; 19x). Valuation looks compelling on an absolute and relative basis.

Lotte Group is pursuing a digital transformation toward smart factories, smart logistics, and smart retail, with plans to invest W50tr in its domestic and overseas businesses over the next five years. As the only IT services firm under Lotte Group's umbrella, Lotte Data Communication should deliver steady revenue growth of more than 10% annually through 2025, backed by the group's aggressive IT spending.

| FY (Dec.) | 12/16 | 12/17 | 12/18 | 12/19F | 12/20F | 12/21F |
|--------------------|-------|-------|-------|--------|--------|--------|
| Revenue (Wbn) | 0 | 149 | 812 | 902 | 1,011 | 1,148 |
| OP (Wbn) | 0 | 5 | 39 | 49 | 57 | 68 |
| OP Margin (%) | - | 3.4 | 4.8 | 5.4 | 5.6 | 5.9 |
| NP (Wbn) | 0 | 2 | 26 | 59 | 46 | 55 |
| EPS (W) | 0 | 1,139 | 2,205 | 3,991 | 3,010 | 3,552 |
| ROE (%) | 0.0 | 1.0 | 9.6 | 15.8 | 11.1 | 11.9 |
| P/E (x) | - | - | 16.1 | 9.9 | 13.1 | 11.1 |
| P/B (x) | - | - | 1.4 | 1.5 | 1.4 | 1.3 |
| Dividend Yield (%) | - | - | 1.8 | 1.6 | 1.6 | 1.6 |

Note: All figures are based on consolidated K-IFRS; NP refers to net profit attributable to controlling interests Source: Company data, Mirae Asset Daewoo Research estimates

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Table 1. 2Q19 review

(Wbn, %)

| | 2049 | 2040 | 2Q | 19P | Grov | wth |
|------------------|-------|-------|-------------|-----------|-------|-------|
| | 2Q18 | 1Q19 | Preliminary | Consensus | QoQ | YoY |
| Revenue | 200.0 | 186.5 | 216.2 | 217.8 | 16.0 | 8.1 |
| OP | 9.1 | 5.6 | 13.7 | 9.8 | 142.3 | 50.6 |
| NP (controlling) | 6.6 | 4.9 | 31.1 | 8.1 | 535.7 | 371.6 |
| OP margin (%) | 4.5 | 3.0 | 6.3 | 4.5 | 3.3 | 1.8 |
| Net margin (%) | 3.30 | 2.6 | 14.4 | 3.7 | 11.8 | 11.1 |

Source: Company data, FnGuide, Mirae Asset Daewoo Research

Table 1. Quarterly and annual earnings breakdown

(Wbn, %)

| | 1Q18 | 2Q18 | 3Q18 | 4Q18 | 1Q19 | 2Q19P | 3Q19F | 4Q19F | 2015 | 2016 | 2017 | 2018 | 2019F | 2020F |
|-----------------------------|--------|--------|--------|------------|--------|--------|--------|------------|--------|--------|--------|--------|--------|------------|
| Revenue | 183.9 | 200.0 | 192.1 | 235.8 | 186.5 | 216.2 | 216.6 | 282.4 | 734.9 | 768.8 | 819.7 | 811.7 | 901.8 | 1,011.2 |
| SM | 41.1 | 42.8 | 45.2 | 48.8 | 46.1 | 48.1 | 51.1 | 59.9 | 127.0 | 138.1 | 151.1 | 177.9 | 205.2 | 224.0 |
| SI | 142.8 | 157.2 | 146.9 | 187.0 | 140.4 | 168.1 | 165.6 | 222.5 | 607.9 | 630.7 | 668.6 | 633.8 | 696.6 | 787.2 |
| Revenue breakdown | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| SM | 22.4% | 21.4% | 23.5% | 20.7% | 24.7% | 22.2% | 23.6% | 21.2% | 17.3% | 18.0% | 18.4% | 21.9% | 22.8% | 22.2% |
| SI | 77.6% | 78.6% | 76.5% | 79.3% | 75.3% | 77.8% | 76.4% | 78.8% | 82.7% | 82.0% | 81.6% | 78.1% | 77.2% | 77.8% |
| Operating profit | 5.7 | 9.1 | 7.3 | 16.5 | 5.6 | 13.7 | 10.8 | 19.0 | 29.0 | 18.9 | 34.2 | 39.0 | 49.1 | 57.2 |
| OP margin | 3.1 | 4.5 | 3.8 | 7.0 | 3.0 | 6.3 | 5.0 | 6.7 | 3.9 | 2.5 | 4.2 | 4.8 | 5.4 | <i>5.7</i> |
| SM | 3.8 | 3.8 | 4.4 | 6.5 | 5.2 | 5.6 | 5.5 | 7.2 | 11.5 | 12.7 | 14.1 | 18.5 | 23.6 | 25.0 |
| OP margin | 9.2 | 8.9 | 9.7 | 13.3 | 11.3 | 11.7 | 10.8 | 12.0 | 9.1 | 9.2 | 9.4 | 10.4 | 11.5 | 11.2 |
| SI | 1.9 | 5.3 | 2.9 | 10.3 | 0.4 | 8.0 | 5.3 | 11.8 | 17.4 | 6.2 | 20.1 | 20.5 | 25.6 | 32.2 |
| OP margin | 1.4 | 3.4 | 2.0 | <i>5.5</i> | 0.3 | 4.8 | 3.2 | <i>5.3</i> | 2.9 | 1.0 | 3.0 | 3.2 | 3.7 | 4.1 |
| Pretax profit | 6.7 | 8.9 | 7.3 | 11.7 | 5.8 | 16.0 | 10.7 | 19.9 | 23.7 | 15.1 | 27.6 | 34.6 | 52.5 | 61.1 |
| Net profit | 4.5 | 6.3 | 4.4 | 8.2 | 3.3 | 31.1 | 8.1 | 15.1 | 16.9 | 11.9 | 20.6 | 23.4 | 57.6 | 46.3 |
| Net profit (controlling) | 5.4 | 6.6 | 4.7 | 9.6 | 4.9 | 31.1 | 8.1 | 15.1 | 16.9 | 11.9 | 20.8 | 26.3 | 59.2 | 46.3 |
| YoY growth | | | | | | | | | | | | | | |
| Revenue | - | - | - | - | 1.4 | 8.1 | 12.8 | 19.8 | 2.4 | 4.6 | 6.6 | -1.0 | 11.1 | 12.1 |
| Security systems services | - | - | - | - | 12.2 | 12.4 | 13.0 | 22.7 | 4.7 | 8.7 | 9.4 | 17.7 | 15.3 | 9.2 |
| Building management | - | - | - | - | -1.7 | 6.9 | 12.7 | 19.0 | 1.9 | 3.8 | 6.0 | -5.2 | 9.9 | 13.0 |
| Call center & telemarketing | - | - | - | - | -1.7 | 50.6 | 46.7 | 15.8 | 2.1 | -34.7 | 80.7 | 14.0 | 26.0 | 16.4 |
| Operating profit | - | - | - | - | 36.8 | 48.1 | 25.4 | 10.8 | 8.1 | 10.3 | 11.2 | 30.8 | 27.3 | 6.3 |
| Security systems | - | - | - | - | -77.2 | 52.4 | 78.4 | 14.7 | -1.5 | -64.4 | 223.4 | 2.1 | 24.9 | 25.7 |
| Building management | - | - | - | - | -13.3 | 79.7 | 47.0 | 70.4 | 1.0 | -36.3 | 82.8 | 25.4 | 51.7 | 16.5 |
| Call center & telemarketing | - | - | - | - | -26.0 | 396.4 | 85.3 | 83.5 | 1.0 | -29.6 | 73.1 | 13.4 | 146.6 | -19.6 |
| Pretax profit | - | - | - | - | -9.4 | 371.6 | 73.8 | 56.6 | 1.0 | -29.6 | 74.8 | 26.5 | 125.0 | -21.7 |

Note: 2Q19 net profit reflects a loss carryforward (approximately W15bn) related to the HIT merger.

Source: Company data, Mirae Asset Daewoo Research

Figure 1. Operating profit growth outpaces revenue growth Figure 2. Quarterly OP growth: 2018 vs. 2019 (%) (Wbn) 30 20 Revenue growth ■ 18 ■19F OP growth +50.6% 25 15 20 15 10 10 5 5 0 0 -5 21F 4QF 18 19F 20F 22F 1Q

Source: Company data, Mirae Asset Daewoo Research

Source: Company data, Mirae Asset Daewoo Research

Table 3. Expected effects of Lotte Data Communication-HIT merger

| | Notes |
|--|---|
| | - SOC: Application of HIT's railway signal system technologies to Lotte Data Communication's Hi-pass and C-ITS projects |
| Stronger synergies between businesses | - Finance: Synergies between Lotte Data Communication's credit card and capital solutions businesses and HIT's banking and brokerage solution businesses |
| | - IDC: Integrated operation of three data centers of Lotte Data Communication (in Seoul and Daejeon) and HIT (in Yongin). |
| Overseas expansion | Utilization of Lotte Data Communication's three (Vietnam, Indonesia, and China) overseas subsidiaries' retail solutions, overseas shopping mall, and IBS business experience as well as HIT's Vietnamese subsidiary and solutions technologies (finance, brokerage, healthcare) |
| Workforce integration (IT) | - Integration of IT personnel pools and R&D capabilities; strengthening of expertise via internalization of key businesses |
| Workforce integration (sales) | - Improvement in business opportunities by combining two companies' strengths and experience |
| Workforce integration (purchasing) | - Bargaining power enhancement |
| Organization and workforce restructuring | - Improvement in workforce management via personnel relocation |

Source: Company materials, Mirae Asset Daewoo Research

Table 2. Expected changes: Pre-merger vs. post-merger

| Pre-merger | | | | | | Post-merger | | | | |
|-----------------------------|------------------------|-----------|----------------|-----------|-----------------------------|-------------|--|--|--|--|
| Shareholder | Lotte Data Co (acqı | | HIT (acquiree) | | Lotte Data Communication | | Notes | | | |
| | No. of shares | Stake (%) | No. of shares | Stake (%) | No. of shares | % | | | | |
| Lotte Corp. | 10,000,000 | 70.0 | 0 | 0.0 | 10,000,000 | 65.0 | | | | |
| Employee shares | 803,558 | 5.6 | 0 | 0 | 693,089 | 4.5 | Largest shareholder of post-merger entity | | | |
| Lotte Data Communication | 0 | 0.0 | 35,530,163 | 59.7 | 0 | 0.0 | New shares will not be allotted for HIT shares | | | |
| HIT | 0 | 0.0 | 15,385 | 0.0 | 0 | 0.0 | held by Lotte Data | | | |
| Treasury stock | 0 | | | | 266,964 | 1.7 | Communication and HIT's treasury stock | | | |
| No. of issued shares | 14,286,000 | 100.0 | 59,537,195 | 100.0 | 15,396,331 | 100.0 | No. of issued shares will increase by 7.8% | | | |

Source: DART, Mirae Asset Daewoo Research

Figure 3. Current integrated data center overview

Seoul

59 affiliates, including Lotte Shopping Total area: 7,411 m²



Daejeon

Total area: 4,036 m²



Services for global firms Total area:26,095 m²

Source: Company materials, Mirae Asset Daewoo Research

Figure 4. Construction of fourth data center (global cloud center) underway





Groundbreaking on Apr. 26, 2019 (completion slated for Dec. 2020) Seven-floor building (plus two basement levels)

Total area: 16,432m Server room: 7,006 m²

<Related businesses>

- ① System design and consulting services;
- ② establishment of infrastructure; ③ IDC relocation; ④ ITO; ⑤ integrated IT control

Won KT&G's IT center relocation project (W6.6bn) in April 2019

Source: Company materials, Mirae Asset Daewoo Research

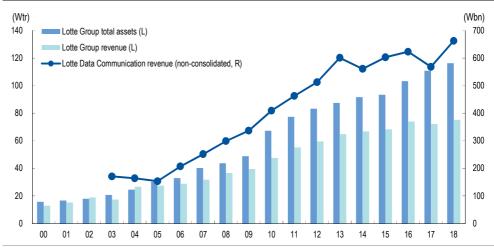
Table 5. Lotte Group's five-year investment plan (2019-23)

(Wbn)

| | Details | Proportion | Value |
|----------------------------|---|------------|-------|
| Retail | Online business expansion Digital transformation (AI, Big Data, etc.) Development of an integrated online shopping mall | 25% | 12.5 |
| F&B | New product development (AI adoption to increase) Expansion of production facilities | 10% | 5.0 |
| Chemicals/ construction | Capacity expansion at home and abroad Strengthening of cost competitiveness via feedstock diversification Expansion of value-added products | 40% | 20.0 |
| Tourism/services | Steady domestic and overseas expansion | 25% | 12.5 |
| Total | | 100% | 50.0 |

Source: Lotte Group, Mirae Asset Daewoo Research

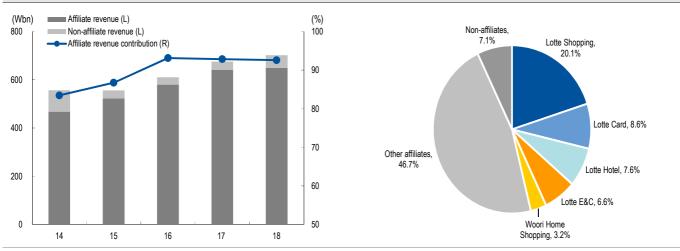
Figure 5. Lotte Group's assets and revenue; Lotte Data Communication's revenue



Source: Company data, Mirae Asset Daewoo Research

Figure 6. Affiliate revenue and contribution

Figure 7. Revenue breakdown by customer



Source: Company data, Mirae Asset Daewoo Research

Source: Company data, Mirae Asset Daewoo Research

Lotte Data Communication (286940 KS/Buy/TP: W63,000)

Comprehensive Income Statement (Summarized)

| (Wbn) | 12/18 | 12/19F | 12/20F | 12/21F |
|-------------------------------------|-------|--------|--------|--------|
| Revenue | 812 | 902 | 1,011 | 1,148 |
| Cost of Sales | 741 | 816 | 913 | 1,033 |
| Gross Profit | 71 | 86 | 98 | 115 |
| SG&A Expenses | 32 | 37 | 41 | 46 |
| Operating Profit (Adj) | 39 | 49 | 57 | 68 |
| Operating Profit | 39 | 49 | 57 | 68 |
| Non-Operating Profit | -4 | 3 | 4 | 4 |
| Net Financial Income | -1 | 1 | 1 | 1 |
| Net Gain from Inv in Associates | 0 | 0 | 0 | 0 |
| Pretax Profit | 35 | 52 | 61 | 72 |
| Income Tax | 11 | -5 | 15 | 17 |
| Profit from Continuing Operations | 23 | 58 | 46 | 55 |
| Profit from Discontinued Operations | 0 | 0 | 0 | 0 |
| Net Profit | 23 | 58 | 46 | 55 |
| Controlling Interests | 26 | 59 | 46 | 55 |
| Non-Controlling Interests | -3 | -2 | 0 | 0 |
| Total Comprehensive Profit | 23 | 58 | 46 | 55 |
| Controlling Interests | 26 | 81 | 64 | 76 |
| Non-Controlling Interests | -3 | -23 | -18 | -21 |
| EBITDA | 71 | 83 | 84 | 89 |
| FCF (Free Cash Flow) | 79 | 90 | 89 | 97 |
| EBITDA Margin (%) | 8.7 | 9.2 | 8.3 | 7.8 |
| Operating Profit Margin (%) | 4.8 | 5.4 | 5.6 | 5.9 |
| Net Profit Margin (%) | 3.2 | 6.5 | 4.5 | 4.8 |

Statement of Financial Condition (Summarized)

| Statement of Financial Cona | icion (Sun | 11111a112C | u, | |
|----------------------------------|------------|------------|--------|--------|
| (Wbn) | 12/18 | 12/19F | 12/20F | 12/21F |
| Current Assets | 404 | 532 | 648 | 784 |
| Cash and Cash Equivalents | 163 | 237 | 306 | 380 |
| AR & Other Receivables | 132 | 158 | 184 | 217 |
| Inventories | 12 | 15 | 17 | 20 |
| Other Current Assets | 97 | 122 | 141 | 167 |
| Non-Current Assets | 299 | 280 | 253 | 233 |
| Investments in Associates | 0 | 0 | 0 | 0 |
| Property, Plant and Equipment | 217 | 202 | 180 | 163 |
| Intangible Assets | 27 | 21 | 17 | 13 |
| Total Assets | 704 | 812 | 902 | 1,017 |
| Current Liabilities | 311 | 363 | 411 | 475 |
| AP & Other Payables | 193 | 231 | 269 | 318 |
| Short-Term Financial Liabilities | 61 | 63 | 63 | 63 |
| Other Current Liabilities | 57 | 69 | 79 | 94 |
| Non-Current Liabilities | 27 | 34 | 39 | 45 |
| Long-Term Financial Liabilities | 1 | 3 | 3 | 3 |
| Other Non-Current Liabilities | 26 | 31 | 36 | 42 |
| Total Liabilities | 337 | 396 | 450 | 521 |
| Controlling Interests | 348 | 399 | 436 | 480 |
| Capital Stock | 71 | 71 | 71 | 71 |
| Capital Surplus | 248 | 248 | 248 | 248 |
| Retained Earnings | 29 | 80 | 116 | 161 |
| Non-Controlling Interests | 18 | 16 | 16 | 16 |
| Stockholders' Equity | 366 | 415 | 452 | 496 |

Cash Flows (Summarized)

| (Wbn) | 12/18 | 12/19F | 12/20F | 12/21F |
|--------------------------------|-------|--------|--------|--------|
| Cash Flows from Op Activities | 107 | 103 | 89 | 97 |
| Net Profit | 23 | 58 | 46 | 55 |
| Non-Cash Income and Expense | 64 | 32 | 40 | 37 |
| Depreciation | 26 | 27 | 22 | 17 |
| Amortization | 6 | 7 | 5 | 4 |
| Others | 32 | -2 | 13 | 16 |
| Chg in Working Capital | 25 | 6 | 18 | 23 |
| Chg in AR & Other Receivables | -2 | -27 | -25 | -33 |
| Chg in Inventories | 4 | -2 | -2 | -3 |
| Chg in AP & Other Payables | 31 | 1 | 20 | 26 |
| Income Tax Paid | -5 | 7 | -15 | -17 |
| Cash Flows from Inv Activities | -77 | -27 | -8 | -11 |
| Chg in PP&E | -28 | -13 | 0 | 0 |
| Chg in Intangible Assets | -4 | -1 | 0 | 0 |
| Chg in Financial Assets | -40 | -11 | -11 | -15 |
| Others | -5 | -2 | 3 | 4 |
| Cash Flows from Fin Activities | 57 | -3 | -12 | -12 |
| Chg in Financial Liabilities | -64 | 4 | 0 | 0 |
| Chg in Equity | 126 | 0 | 0 | 0 |
| Dividends Paid | 0 | 0 | -10 | -10 |
| Others | -5 | -7 | -2 | -2 |
| Increase (Decrease) in Cash | 87 | 74 | 70 | 74 |
| Beginning Balance | 76 | 163 | 237 | 306 |
| Ending Balance | 163 | 237 | 306 | 380 |

Source: Company data, Mirae Asset Daewoo Research estimates

Forecasts/Valuations (Summarized)

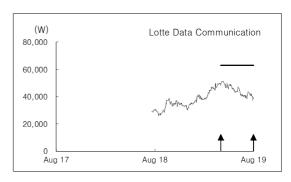
| Forecasts/valuations (Summarized) | | | | | | | | |
|-----------------------------------|--------|--------|--------|--------|--|--|--|--|
| | 12/18 | 12/19F | 12/20F | 12/21F | | | | |
| P/E (x) | 16.1 | 9.9 | 13.1 | 11.1 | | | | |
| P/CF (x) | 4.8 | 6.5 | 7.0 | 6.6 | | | | |
| P/B (x) | 1.4 | 1.5 | 1.4 | 1.3 | | | | |
| EV/EBITDA (x) | 5.1 | 4.6 | 3.6 | 2.4 | | | | |
| EPS (W) | 2,205 | 3,991 | 3,010 | 3,552 | | | | |
| CFPS (W) | 7,353 | 6,044 | 5,625 | 5,968 | | | | |
| BPS (W) | 24,419 | 25,926 | 28,287 | 31,189 | | | | |
| DPS (W) | 650 | 650 | 650 | 650 | | | | |
| Payout ratio (%) | 39.7 | 17.4 | 21.6 | 18.3 | | | | |
| Dividend Yield (%) | 1.8 | 1.6 | 1.6 | 1.6 | | | | |
| Revenue Growth (%) | 445.0 | 11.1 | 12.1 | 13.6 | | | | |
| EBITDA Growth (%) | 610.0 | 16.9 | 1.2 | 6.0 | | | | |
| Operating Profit Growth (%) | 680.0 | 25.6 | 16.3 | 19.3 | | | | |
| EPS Growth (%) | 93.6 | 81.0 | -24.6 | 18.0 | | | | |
| Accounts Receivable Turnover (x) | 6.3 | 6.4 | 6.1 | 5.9 | | | | |
| Inventory Turnover (x) | 56.0 | 66.5 | 63.3 | 61.2 | | | | |
| Accounts Payable Turnover (x) | 7.6 | 7.2 | 6.9 | 6.6 | | | | |
| ROA (%) | 3.6 | 7.6 | 5.4 | 5.7 | | | | |
| ROE (%) | 9.6 | 15.8 | 11.1 | 11.9 | | | | |
| ROIC (%) | 12.5 | 34.7 | 34.2 | 57.9 | | | | |
| Liability to Equity Ratio (%) | 92.1 | 95.4 | 99.7 | 104.9 | | | | |
| Current Ratio (%) | 130.1 | 146.6 | 157.6 | 165.0 | | | | |
| Net Debt to Equity Ratio (%) | -42.9 | -58.6 | -71.7 | -83.1 | | | | |
| Interest Coverage Ratio (x) | 12.1 | 22.8 | 26.5 | 31.6 | | | | |
| | | | | | | | | |

APPENDIX 1

Important Disclosures & Disclaimers

2-Year Rating and Target Price History

| Company (Code) | Date | Rating | Target Price |
|-----------------------------------|------------|--------|---------------------|
| Lotte Data Communication (286940) | 04/09/2019 | Buy | 63,000 |



Stock Ratings Industry Ratings

Buy : Relative performance of 20% or greater Overweight : Fundamentals are favorable or improving

Trading Buy : Relative performance of 10% or greater, but with volatility Neutral : Fundamentals are steady without any material changes

Hold : Relative performance of -10% and 10% Underweight : Fundamentals are unfavorable or worsening

Sell : Relative performance of -10%

Ratings and Target Price History (Share price (→), Target price (→), Not covered (■), Buy (▲), Trading Buy (■), Hold (●), Sell (◆))

- * Our investment rating is a guide to the relative return of the stock versus the market over the next 12 months.
- * Although it is not part of the official ratings at Mirae Asset Daewoo Co., Ltd., we may call a trading opportunity in case there is a technical or short-term material development.
- * The target price was determined by the research analyst through valuation methods discussed in this report, in part based on the analyst's estimate of future earnings.
- * The achievement of the target price may be impeded by risks related to the subject securities and companies, as well as general market and economic conditions.

Equity Ratings Distribution & Investment Banking Services

| | Buy | Trading Buy | Hold | Sell |
|------------------------------------|--------|-------------|--------|-------|
| Equity Ratings Distribution | 83.14% | 8.72% | 8.14% | 0.00% |
| Investment Banking Services | 77.78% | 11.11% | 11.11% | 0.00% |

^{*} Based on recommendations in the last 12-months (as of June 30, 2019)

Disclosures

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