



November 29, 2011

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Disclaimers

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Company Overview

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“Global Input Device No.1, Your Crucial Partner Crucialtec”

Company Overview

| | |
|----------------------------|---|
| CEO | Keon-Joon Ahn |
| Established | April 20, 2001 |
| Total Shares Issued | 23,382,000 |
| Industry | Manufacturing business of diode, transistor and other similar semiconductor devices |
| Major Products | Optical Trackpad, Mobile Flash Module, Aero Mouse, TSP Module, etc |
| Employee | 1,600 employees (Manufacturing: 1,100, Technology Development: 400, Administration: 100) |
| Address | <ul style="list-style-type: none"> • [Headquarters] 20, #79 Hoseo-ro, Baebang, Asan, Chungcheongnam-do, South Korea • [Advanced R&D Center] KANC 15F, 511 Kweonkwang-ro, Yeongtong-gu, Suwon, Gyeonggi-do, South Korea • [Cruciatec VINA] Yen Phong Industrial Zone, Long Chau, Yen Phong District, Bac Ninh Province, Vietnam |

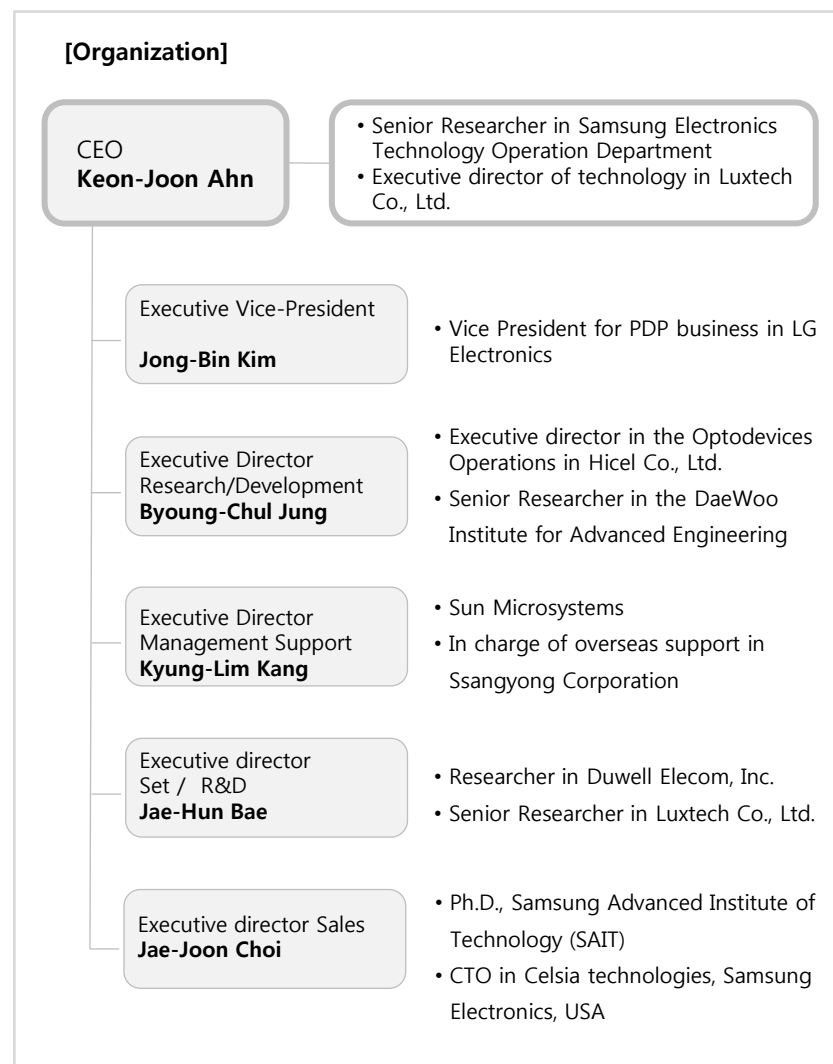
Shareholder Structure



| Section | Holding | Ratio (%) |
|----------------------------------|-------------------|---------------|
| Major Stockholder and etc | 6,581,664 | 28.15 |
| Foreigners * | 2,476,366 | 10.59 |
| The others | 14,323,970 | 61.26 |
| Total | 23,382,000 | 100.00 |

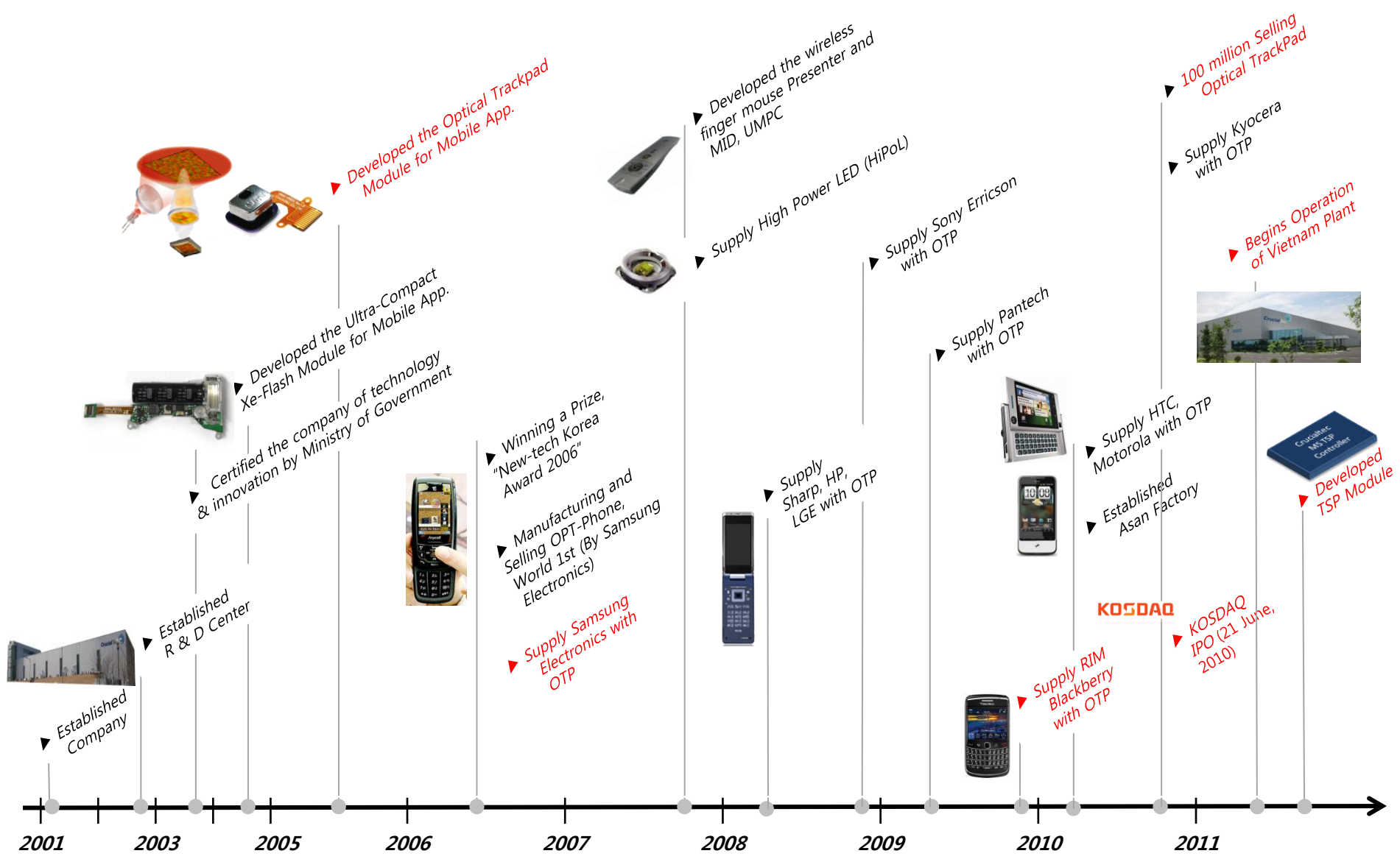
*As of November 29, 2011

Board of Directors





"Providing Multiple Lineups as Creator of Core Technology"





Plants



❖ Vietnam Plant (Yen Phong)



❖ Headquarters (Chungnam, Asan)

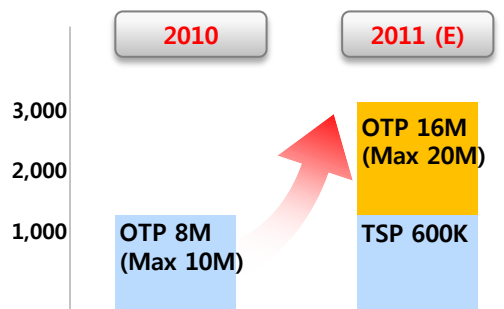


❖ Advanced R&D Center (Suwon)



Monthly Capacity Expands

2011 Monthly Maximum Production Capacity = 20M, YoY 200% Increase ↑



| Plant | Capacity (unit: EA) | | Products |
|------------------------------|---------------------|------------|---|
| | 2010 | 2011 (E) | |
| Headquarters (Chungnam Asan) | OTP : 8M | OTP : 8M | <ul style="list-style-type: none"> Optical Trackpad MFM TSP Module (from November, 2011) Maximum Capacity : OTP 10M |
| | - | TSP : 600K | |
| Vietnam Plant (Yen Phong) | - | OTP : 8M | <ul style="list-style-type: none"> Optical Trackpad Aero Mouse Maximum Capacity : OTP 10M |

• Maximum monthly Capacity of the Area of Headquarters and Vietnam plant : OTP 30M

• The Vietnam plant has been operated since June, 2011.

Company Products

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1. Optical Trackpad (OTP)

“First Invention of Optical Mouse for Mobile Application”

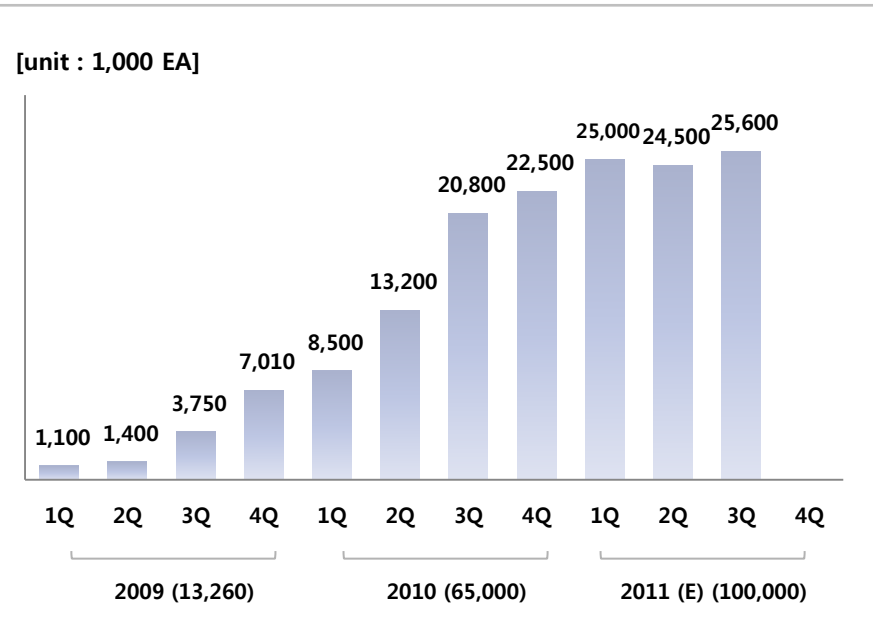
Main Feature

[Mobile TrackPad Module]

Similar performance to optical PC mouse cursor based on innovative nano-optic technology

Supplementary / alternative input device for key input devices on mobile devices

Quarterly Shipment of OTP



2. Aero Mouse (Remote Controller with OTP adopted)

[Receiver embed to STB : Onboard]

LGE STB Rendering

• Optical Track Pad :RF,IR / Remote Control

[Aero Mouse]

[IPTV / Smart TV]

LG U+

LGU-FMRC01

SK Broadband

SR-100

Crucialtec

CT-AM100

Crucialtec

CT-AM101

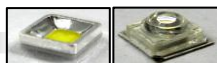
Text Input Func.

Mouse Cursor



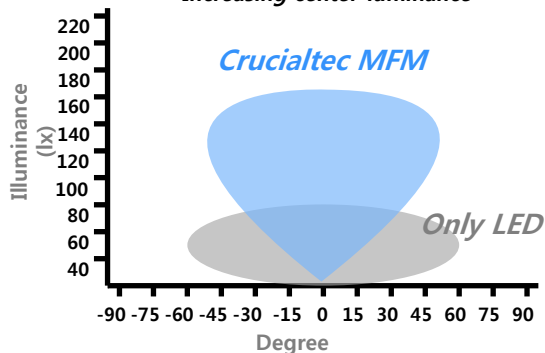
“Lighting Source Optimized for High-Resolution Camera Phones”

Mobile Flash Module (MFM)



Reflector Integrated Type MFM
Lens Integrated Type MFM

- High-end (5 Megapixel or more) flash module and lens
- Increasing intensity of radiation
- Integrated a 2-way barrier structure for heat protection
- Increasing center-luminance
- Enhanced luminance distribution
- Antistatic Feature
- Small & Slim size
- Low Unit Cost
- Customized total lighting solution



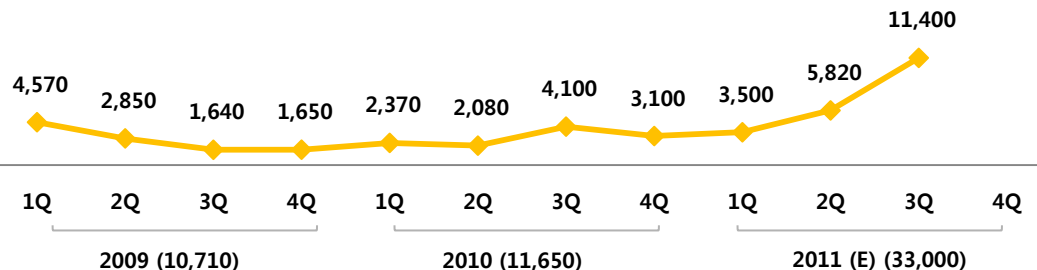
Crucialtec MFM



Only LED

Quarterly Revenue of Mobile Flash Module

[unit: million KRW]



MFM Applied Devices

- LED Flash Module
 - Applied model : 20 model
 - Monthly Shipment : 4.8M pcs
- PL Lens
 - Applied model : 150 model
 - Monthly Shipment : 8M pcs
- MFM Applied Devices – Samsung Electronics



Galaxy W 1815



Conquer 4G SPH-D600



Galaxy Ace GT-S5830



Exhibit 4G SGH-T759



Galaxy Tab 10.1 GT-P7500



Wave 3 GT-S8600



XCover GT-B2710



Slider SPH-M930

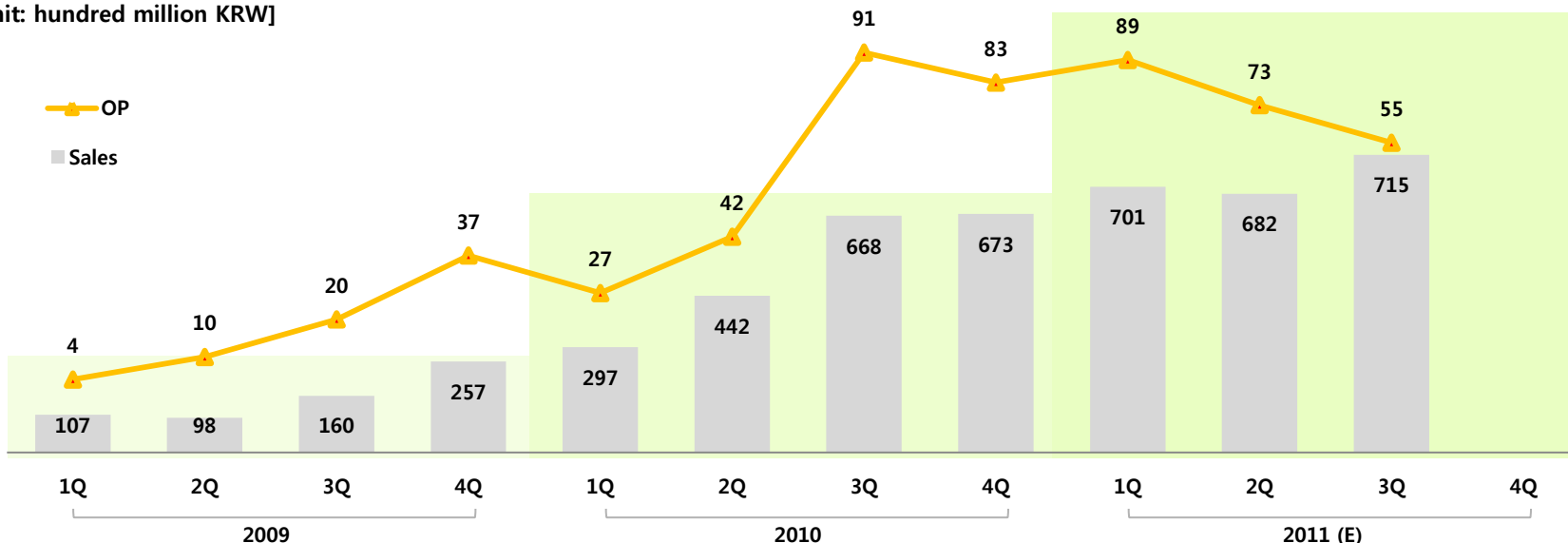
Investment Highlights

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Quarterly Total Revenue & Operating Margin

[unit: hundred million KRW]



| | |
|-------------------|-------|
| Revenue | 622 |
| Operating Profit | 71 |
| OP to Sales Ratio | 11.4% |

| | |
|-------------------|--------------------|
| Revenue | 2,080 (YoY 235% ↑) |
| Operating Profit | 243 (YoY 242% ↑) |
| OP to Sales Ratio | 11.7% |

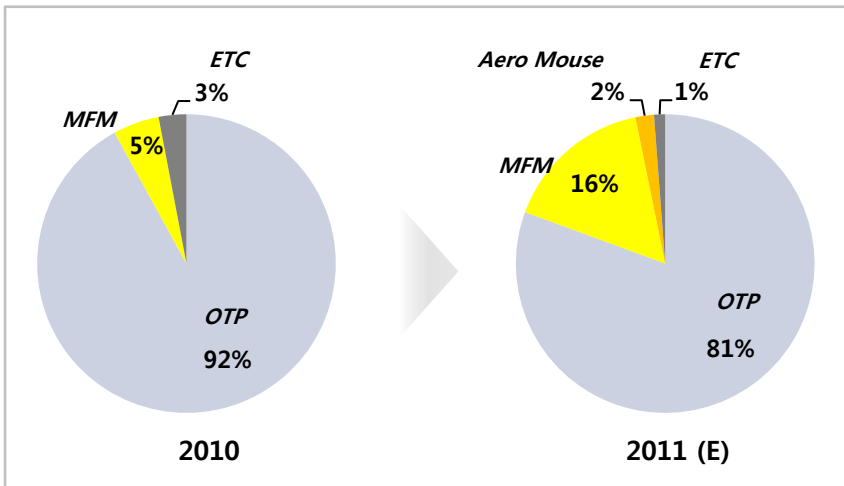
| | |
|-------------------|--|
| Revenue | |
| Operating Profit | |
| OP to Sales Ratio | |

Financial Highlights

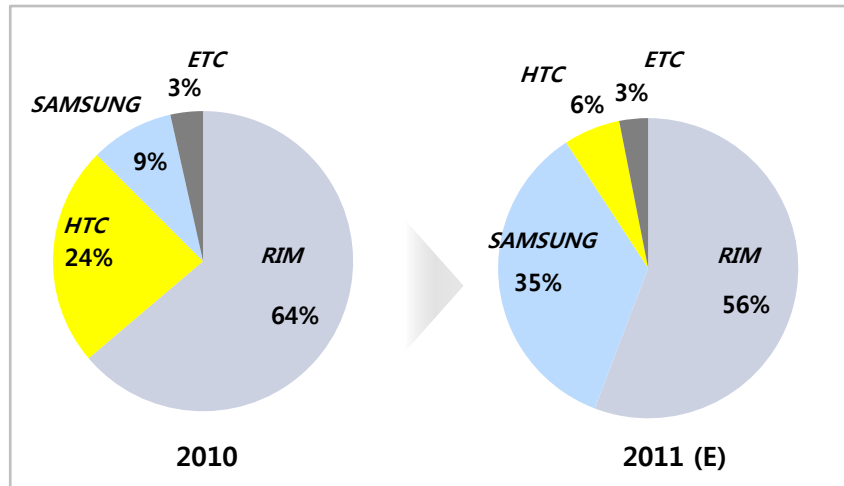




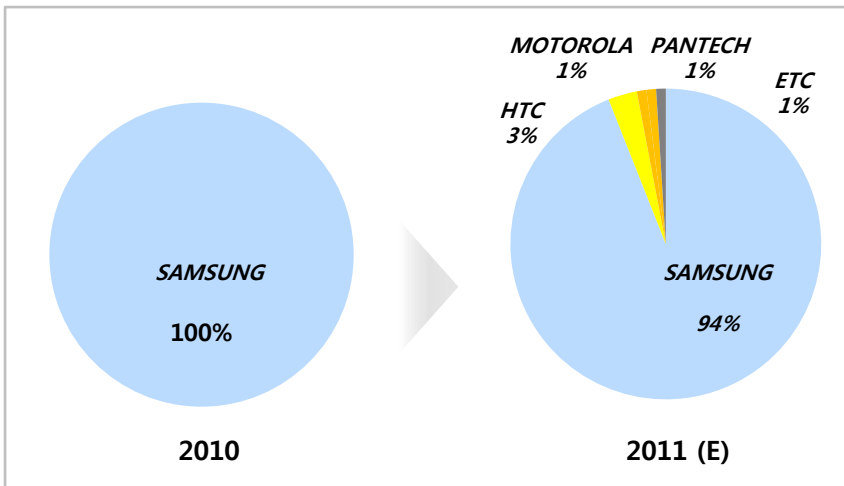
Revenue Breakdown by Products



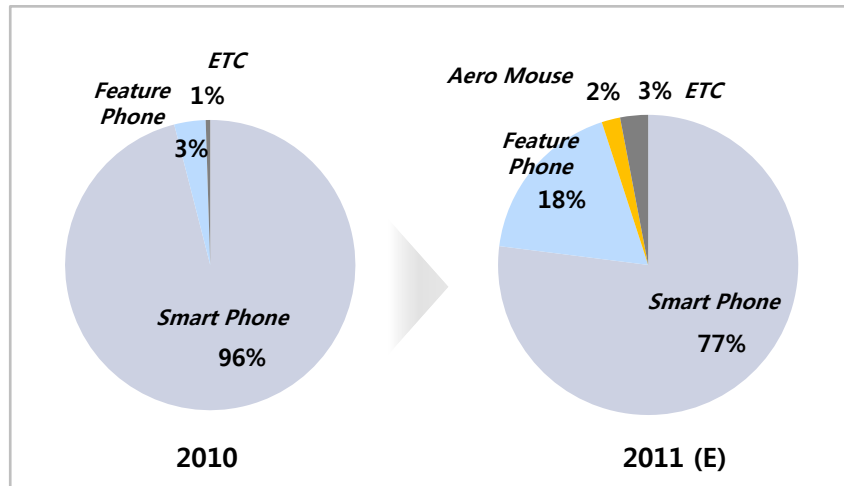
Revenue Breakdown by Customers



LED Flash Module Revenue Breakdown by Customers



Revenue Breakdown by OTP Applied Devices





- Development of Various Mobile Contents



- Development of all OS based UI Platform independently
 - Complete development of UI environment for OTP
 - Under development of optimized UI for OTP+TSP Solution



- Development of Various Mobile Contents
 - Finished development of 50 Game Contents

CONTENTS
 "Establish independent UI environment optimized for OTP"

Cohesive User Experience



Shooting



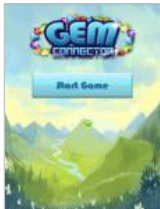
Arcade



Arcade



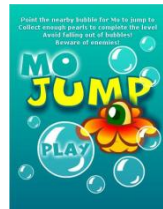
HTML5



HTML5



RPG



Shooting



Arcade

OTP UI is,

- Display **New GUI** for mobile phones
- Shortcut
- Enable to turn on new function

→ Provide convenient user interface with Touch function and OTP alone!

More than **"20 Games OTP UI "** will be released in 2011.

- 360 free moving & comfortable controller
- Easy & quick movement/actions
- Compatible with any game







- Revenue growth with Expanded OTP Demand from Smartphone to Various Devices

Applied Device in Use

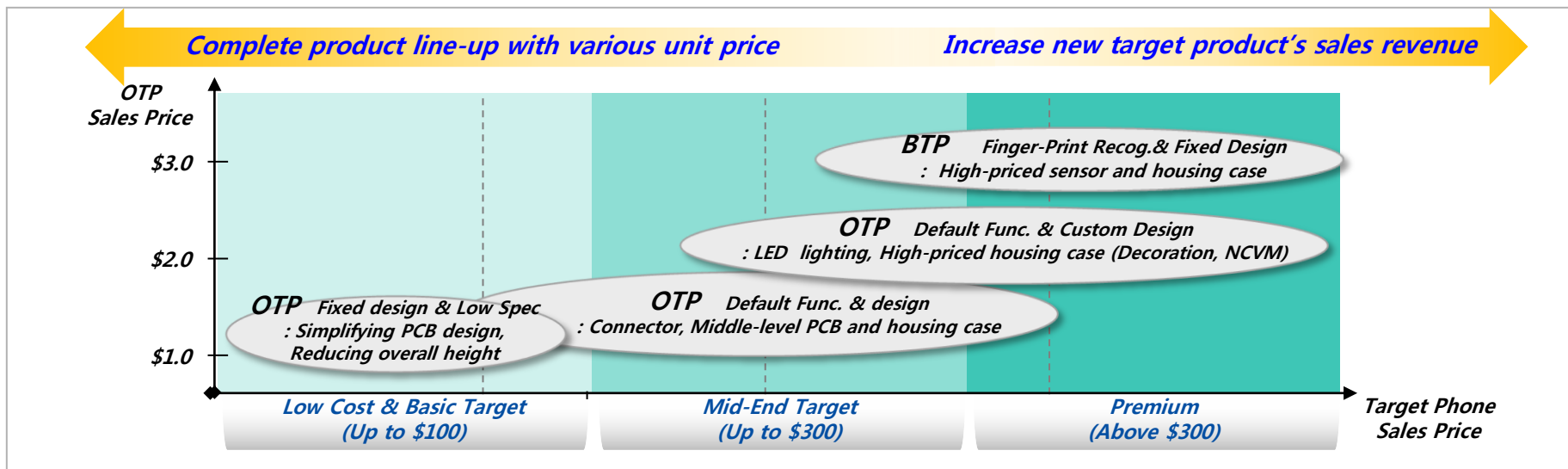
| | |
|---|---|
| <p><i>Smart Phone</i></p>  | <p><i>Feature Phone</i></p>  |
| <p><i>IPTV / Smart TV Remote Controller</i></p>  | <p><i>PC Monitor</i></p>  |

Applied Device in Development

| | |
|---|--|
| <p><i>Robot Vacuum</i></p>  | <p><i>Digital Camera</i></p>  |
| <p><i>Next Generation Tablet PC</i></p>  | <p><i>PDP /LCD TV/Goggles, etc</i></p>  |

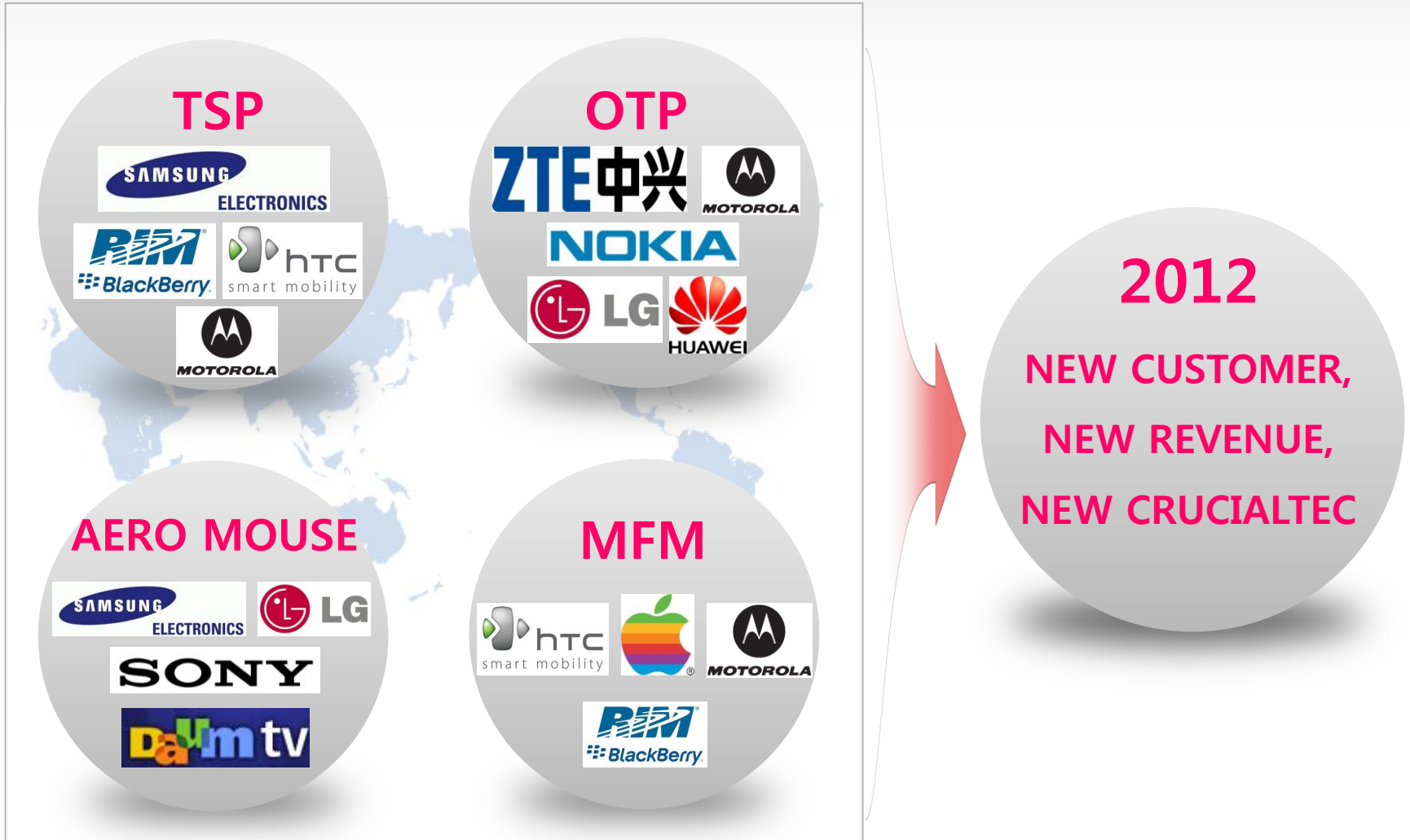
- Revenue growth with more Segmented Product Line

Roadmap





"Tremendous Growth in 2012 with Significant New Customer"



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'No. 1 Global Total Input Solution Company'



Firm Market Dominance

- **Monopolistic position** in the global OTP market.
- **Stable Revenue**
 - **Securing global TOP mobile phone makers** (Samsung, LG, RIM, HTC, MOTOROLA, HP, Sony Ericsson, Kyocera, Sharp, etc)

Internationally Recognized Technology

- **OTP with Innovative UI, Market Creator**
- **Adopted to all major set makers**
- **Over 235 patents & Technology Leader**
 - 170 patents on Optical Trackpad
 - High entry barrier with world's first and best technology

Competitiveness in Production Cost

- **Self Operated Automation Development** - minimizing the investment cost (50% cheaper than outsourcing)
- **Shorter Capacity Expansion lead time** (only 1.5 month)
- **Minimum Labor Cost** (overhead) and **Corporate Income Tax Exemption with Vietnam Factory**
- **Various "Ready-to-use" Platform to fit all customer needs**

High Growth Potential

- **High demand for One-chip Solution** in smart phone market
- **Complete product line-up** with various unit prices
- Self- developed **next generation Touch IC**
- Development of **Various Mobile Contents (games, apps)** and UI environment for OTP and TSP solution



Quarterly Revenue Trend

[unit : million KRW]

| | 2010 (K-GAAP) | | | | 2011 (IFRS) | | QoQ (%) | YoY (%) |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|
| | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | | |
| Sales | 29,754 | 44,235 | 66,869 | 67,127 | 70,152 | 68,225 | (2.7) | 54.2 |
| OTP | 25,948 | 40,010 | 62,015 | 62,176 | 64,957 | 58,983 | (9.2) | 47.4 |
| LED Flash Module | 2,369 | 2,082 | 2,794 | 3,618 | 3,542 | 5,821 | 64.3 | 179.6 |
| PL Lens | 318 | 229 | 376 | 479 | 437 | 2,843 | 550.6 | 1,141.5 |
| The others | 1,119 | 1,914 | 1,684 | 854 | 1,216 | 578 | (52.5) | (69.8) |
| Gross Profit | 5,205 | 7,417 | 11,946 | 12,170 | 11,368 | 10,459 | (8.3) | 41.0 |
| S&AE | 2,431 | 3,172 | 2,846 | 3,950 | 4,211 | 4,114 | (1.8) | 29.0 |
| R&D | 716 | 579 | 661 | 1,010 | 1,088 | 1,688 | 55.1 | 192.0 |
| Operation Profit | 2,560 | 4,429 | 9,099 | 8,261 | 8,918 | 7,296 | (18.2) | 51.1 |
| (%) | 8.6 | 10.0 | 13.6 | 12.3 | 12.7 | 10.7 | (15.7) | (1.8) |
| Net Profit | 2,820 | 3,480 | 7,652 | 6,830 | 8,327 | 6,390 | (23.3) | 83.6 |

Balance Sheet

[unit : million KRW]

| | 2011 1H (IFRS) | 2010 (IFRS) | 2009 (K-GAAP) | 2008 (K-GAAP) |
|-----------------------------------|-------------------|----------------|------------------|------------------|
| Current Assets | 154,527 | 99,968 | 33,406 | 14,250 |
| Quick Assets | 27,493 | 11,195 | 23,722 | 9,796 |
| Inventories | 40,214 | 28,568 | 9,683 | 4,455 |
| Non-current Assets | 32,821 | 26,056 | 8,079 | 3,825 |
| Investment | 2,788 | 1,698 | 42 | 52 |
| Tangible Assets | 14,427 | 13,305 | 4,850 | 1,855 |
| Intangible Assets | 3,430 | 2,451 | 1,428 | 1,726 |
| Other non-current Assets | 2,038 | 0 | 1,759 | 192 |
| Total Assets | 187,348 | 126,024 | 41,485 | 18,075 |
| Current Liabilities | 63,000 | 48,480 | 20,622 | 8,738 |
| Non-current Liabilities | 14,439 | 12,721 | 3,989 | 2,609 |
| Total Liabilities | 77,440 | 61,200 | 24,611 | 11,347 |
| Capital Stock | 11,272 | 4,151 | 3,657 | 1,743 |
| Capital Surplus | 53,372 | 30,682 | 5,031 | 4,299 |
| Retained Earnings | 43,494 | 28,776 | 7,993 | 686 |
| Total Shareholder's Equity | 109,909 | 64,824 | 16,874 | 6,728 |

Income Statement

[unit : million KRW]

| | 2011 1H (IFRS) | 2010 (K-GAAP) | 2009 (K-GAAP) | 2008 (K-GAAP) |
|-----------------------------------|-------------------|------------------|------------------|------------------|
| Sales | 138,377 | 207,985 | 62,168 | 42,541 |
| Cost of Sales | 116,550 | 171,247 | 47,444 | 33,269 |
| Gross Profit | 21,827 | 36,739 | 14,725 | 9,271 |
| S&AE | 8,325 | 12,390 | 8,400 | 3,716 |
| Operating Profit | 16,214 | 24,349 | 6,324 | 5,556 |
| Non-operating Income | 2,544 | 8,111 | 2,760 | 1,276 |
| Non-operating Expense | 1,282 | 7,334 | 2,345 | 2,807 |
| Income before Income Taxes | 17,476 | 25,127 | 6,739 | 4,025 |
| Income Tax Expense | 2,758 | 4,344 | (370) | 372 |
| Net Profit | 14,718 | 20,783 | 7,110 | 3,652 |



3. OTP Applied Device

OTP Applied Devices by Customers



Bold 9700 Curve8520 Torch 9800



Bold 9900/
Bold 9930 Torch 9850/
Torch 9860 Torch 2 9810



Kinabalu (KT520) Eigen (GM730) Layla (GM750) KT878 Arena Maxx (LU9400G)



Legend



Desire



Espresso (myTouch2)



Wildfire (Desire Pop)



Aria



Desire Z



Glacier (myTouch)



Desire Z



My touch 4G



Droid Incredible



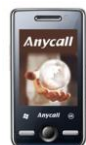
SCH-V960



Mirage (SGH-i780)



OMNIA (SGH-i900)



SGH-i728, i740



SGH i-688



Innov8(i8510)



T-OMNIA (SCH-M490)



Moment (M900)



Ch@t 322



Ch@t 335



sh706i



sh906i



923sh



sh906i-TV



AU(W64SH)



SH9020C



NET Walker (PC-Z1)

Others



Motorola Devour (Calgary)



Sony Ericsson (Xperia X-1)



Kyocera E3100 Rio



Pantech OCEAN2(OZZ)



Pantech SIRIUS IM-A600S



HP iPAQ Data Messenger (FB149AT)



HP iPAQ Voice Messenger (FB142AT)



CHOIS IPTV & CATV Remote Controller



Samsung Electronics Butterfly UMPC (SPH-9200)



THANK YOU

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