

**Comba**

京信通信系統控股有限公司  
Comba Telecom Systems Holdings Limited

股份編號 Stock Code : 2342

# INNOVATIVE SOLUTIONS

## Corporate Presentation Interim Results 2009



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# Agenda

- **Financial Overview**
- **Business Overview**
- **Financial Highlights**
- **Financial Review**
- **Customer Review**
- **Business Review**
- **Market Outlook**
- **Open Forum**

# Financial Overview

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For the six months ended 30 June 2009

- Revenue ↑ 111.5%
- Gross profit margin ↑ 0.2% point
- Operating profit margin ↑ 5.3% points
- Net profit margin ↑ 4.5% points
- Return on average equity ↑ 14.1% points
- Positive operating cashflow :  
HK\$40,391 (2009) v. HK\$(314,628) (2008)

# Business Overview



For the six months ended 30 June 2009

## ■ Strong revenue growth from all major customers

1. China Mobile ↑35.7%
2. China Unicom ↑ 349.2%
3. China Telecom ↑ 561.4%
4. Core Equipment Manufacturers ↑ 339.6%

## ■ Strong growth from all product segments

1. Wireless Access (DMS & WLAN) ↑ 831.1%
2. Antennas and Subsystems ↑ 155.4%
3. Wireless Enhancement ↑ 54.4%
4. Services ↑ 51.5%

# Financial Highlights

Financial Results

Financial Position

Key Financial Indicators

Syndication Loan



# Financial Results

<i>HK\$'000</i>	For the six months ended 30 June			For the year ended
	2009	2008	Change	2008
Revenue	1,767,389	835,492	+ 111.5%	2,525,895
Gross profit	729,311	343,697	+ 112.2%	946,034
Gross profit margin	41.3%	41.1 %	+0.2% pt	37.5 %
Operating profit	286,384	91,261	+ 213.8%	273,387
Operating profit margin	16.2%	10.9 %	+ 5.3% pts	10.8 %
Tax	16,839	14,471	+ 16.4%	27,493
Profit attributable to shareholders	232,221	71,970	+ 222.7%	227,512
Net profit margin	13.1%	8.6 %	+ 4.5% pts	9.0 %
Basic EPS (HK cents)	24.81	7.66 (Restated)	+ 223.9%	24.25 (Restated)
Interim/final dividend per share (HK cents)	6.0	-	N/A	7.0
Proposed bonus issue of shares	1 for 10	-	N/A	1 for 10
Operating cashflow	40,391	(314,628)	N/A	215,269

# Financial Position

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<i>HK\$'000</i>	As at 30 June 2009	As at 31 December 2008	Change	As at 30 June 2008
Net cash	352,149	416,922	-15.5%	(46,103)
Net current assets	1,720,732	1,501,532	+14.6%	1,384,980
Total assets	5,156,484	3,452,397	+49.4%	3,234,509
Total liabilities	2,914,390	1,463,390	+99.2%	1,401,909
Net assets	2,196,818	1,974,539	+11.3%	1,823,136
NAV per share (HK\$)	2.33	2.12 (restated)	+10.0%	1.94 (restated)

# Key Financial Indicators

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For the six months ended 30 June

	2009	2008
<b>Inventory turnover days</b>	<b>236</b>	<b>330</b>
<b>A/R turnover days</b>	<b>164</b>	<b>269</b>
<b>A/P turnover days</b>	<b>255</b>	<b>233</b>
<b>Current ratio</b>	<b>1.6X</b>	<b>2.0X</b>
<b>Quick ratio</b>	<b>1.0X</b>	<b>1.2X</b>
<b>Gearing ratio</b>	<b>5.4%</b>	<b>7.3%</b>
<b>Return on average equity</b>	<b>22.3%</b>	<b>8.2%</b>

# Syndicated Loan

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Lead Manager

HSBC 滙豐

HSBC 滙豐

中國民生銀行  
CHINA MINSHENG BANKING CORP. LTD.

招商銀行  
CHINA MERCHANTS BANK

中信嘉華銀行  
CITIC  
KA WAH  
BANK

恒生銀行  
HANG SENG BANK

Participating  
Banks

BANK OF AYUDHYA

Bangkok Bank

廈門國際銀行  
XIAMEN INTERNATIONAL BANK

華南銀行  
HUA NAN BANK

國泰世華銀行  
Cathay United Bank

CHIB  
CHANG HWA BANK

IBT  
台灣工業銀行

臺灣企銀  
TAIWAN BUSINESS BANK

## Use of Proceeds (US\$100 million)

1. Capex on new factory & office buildings
2. R&D
3. Additional working capital

# Financial Review

Revenue Breakdown by Customers

Revenue Breakdown by Businesses

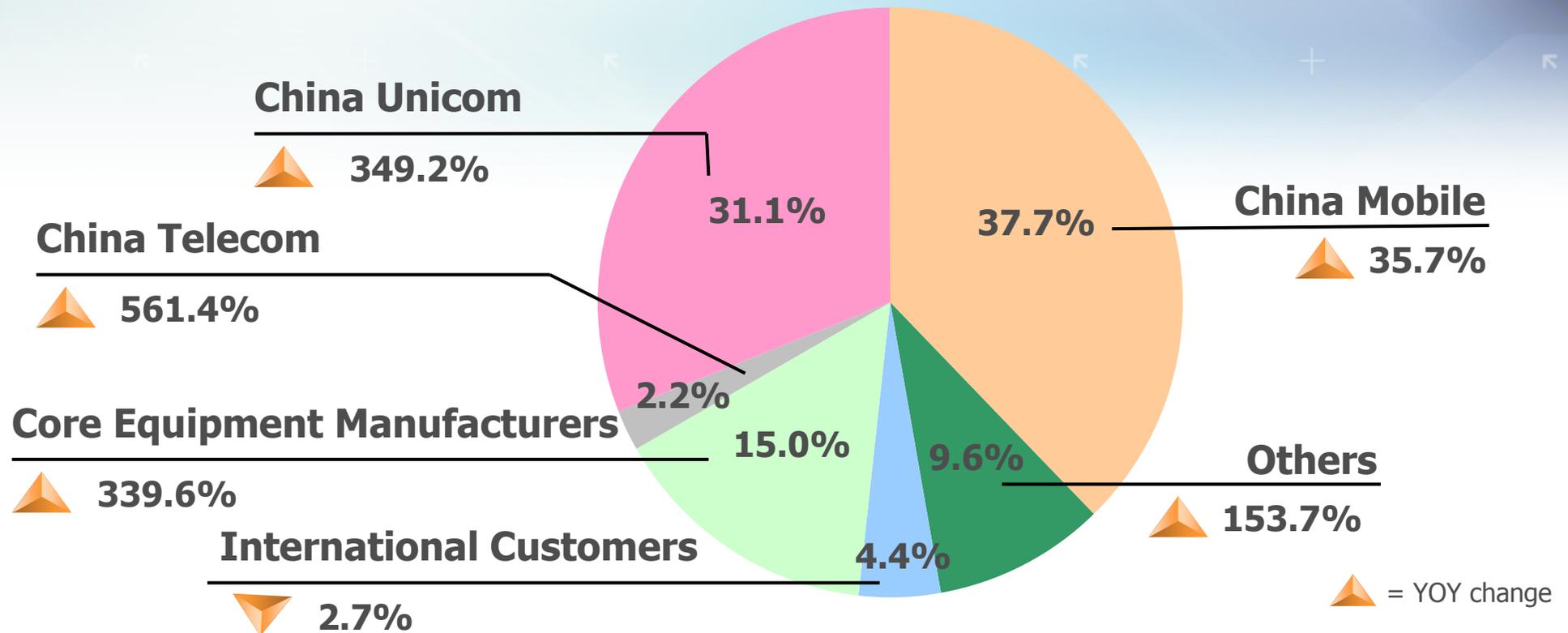
Profit & Margin

Cost Structure



# Revenue Breakdown by Customers

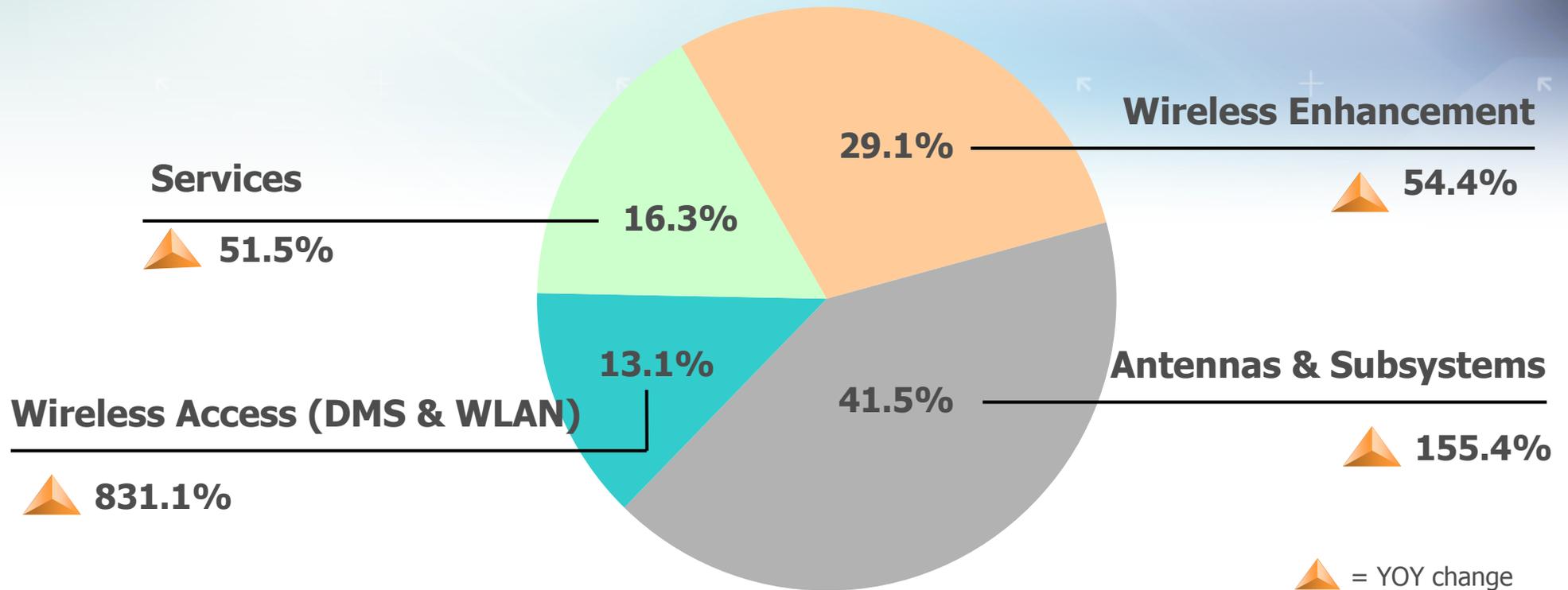
For the six months ended 30 June 2009



**Strong Growth in PRC Customers & Core Equipment Manufacturers**

# Revenue Breakdown by Businesses **Comba**

For the six months ended 30 June 2009



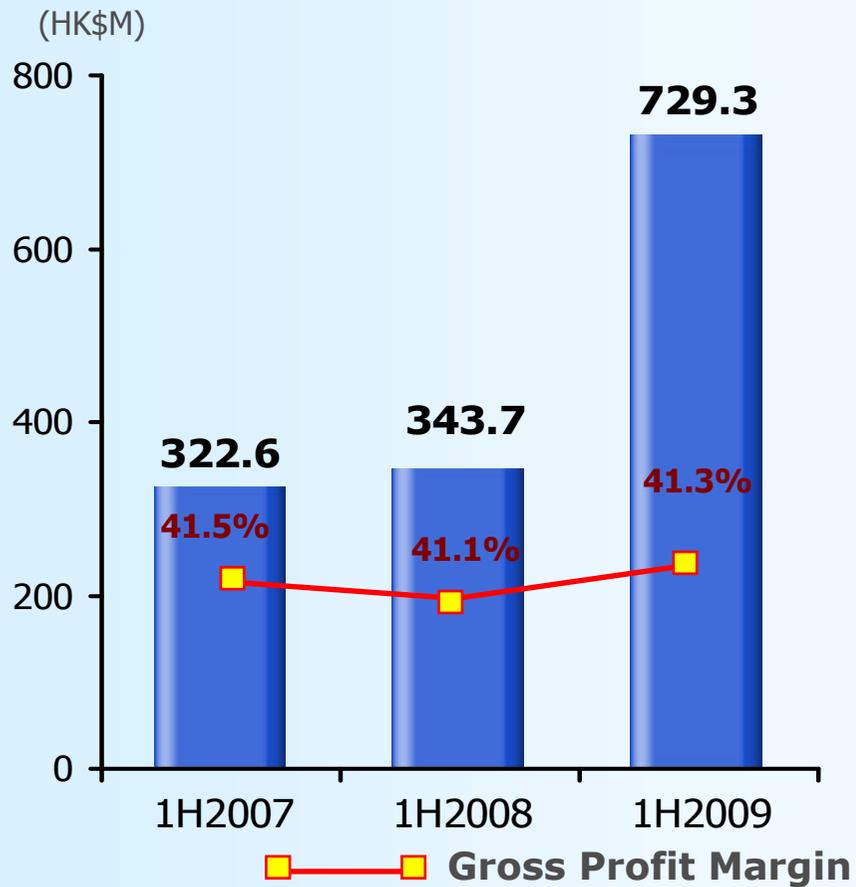
**Remarkable Growth in Wireless Access (DMS & WLAN)**  
**Strong Growth in Antennas & Subsystems**

# Profit & Margin

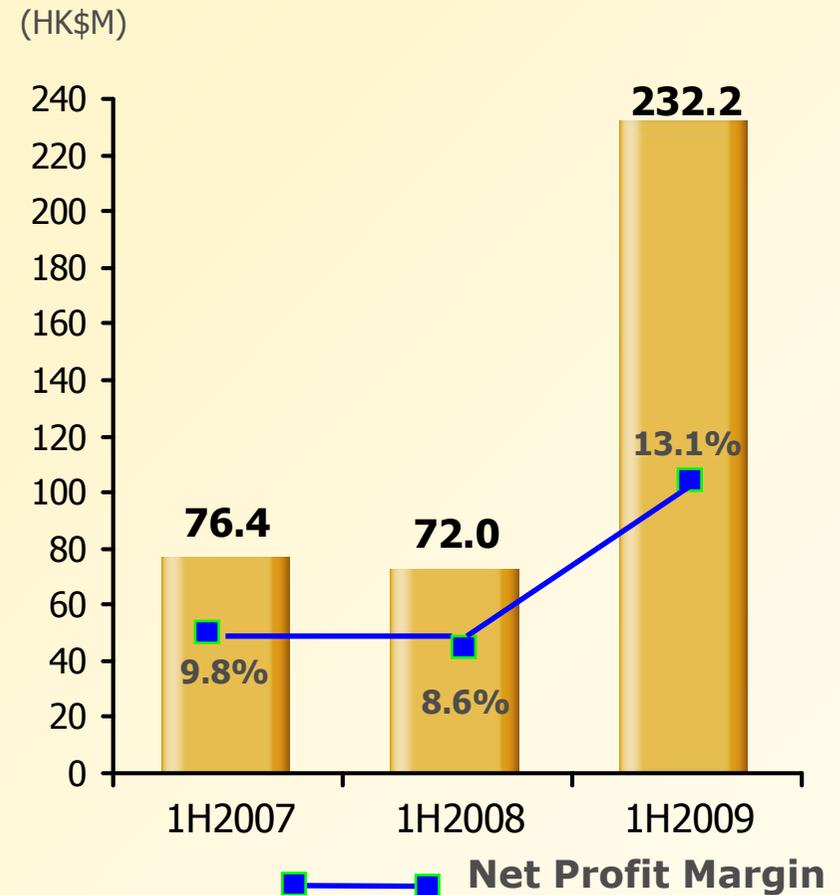
Comba

For the six months ended 30 June 2009

**Gross Profit** ▲ 112.2%



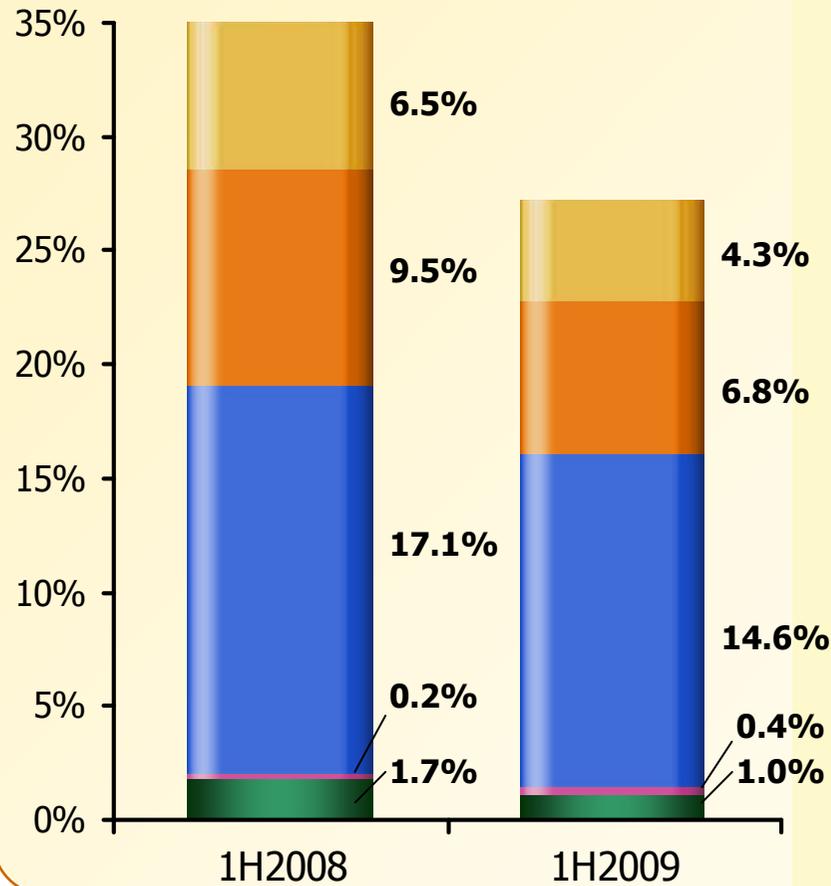
**Net Profit** ▲ 222.7%



# Cost Structure

For the six months ended 30 June 2009

## As % of Total Revenue



▲ = YOY change

- R & D costs ▲ 40.2%**
  - R&D efforts for strategic products
- Selling and distribution costs ▲ 50.7%**
  - Increased expansion for more customers
- Administrative expenses ▲ 80.4%**
  - Increased administrative supports for higher business volume
- Finance costs ▲ 216.8%**
  - More financing activities due to higher business volume
- Taxation charge ▲ 16.4%**
  - Increased profitability

**Increasing Economies of Scale Benefits**

# Customer Review

Global Customer Base

China Business

International Business

Core Equipment Vendors



# Global Customer Base

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## China

中国移动通信 CHINA MOBILE  
中国电信 CHINA TELECOM  
China unicom 中国联通

## Core Equipment Vendor

ZTE中兴  
Nokia Siemens Networks  
HUAWEI  
Alcatel-Lucent

## EMEA

vodafone  
T-Mobile  
TIM  
SAUDI TELECOM  
voda.com  
MTN  
TURKCELL  
orange  
TELECOM ITALIA  
Telefonica Móviles  
TELE2

## APAC

Smartfone  
vodafone  
SingTel  
PEOPLES  
celcom  
m1  
RELIANCE Communications  
Airtel Express Yourself  
TANGSO  
GLOBE TELECOM  
true  
TATA  
DiGi  
AIS  
MIC  
Hutch

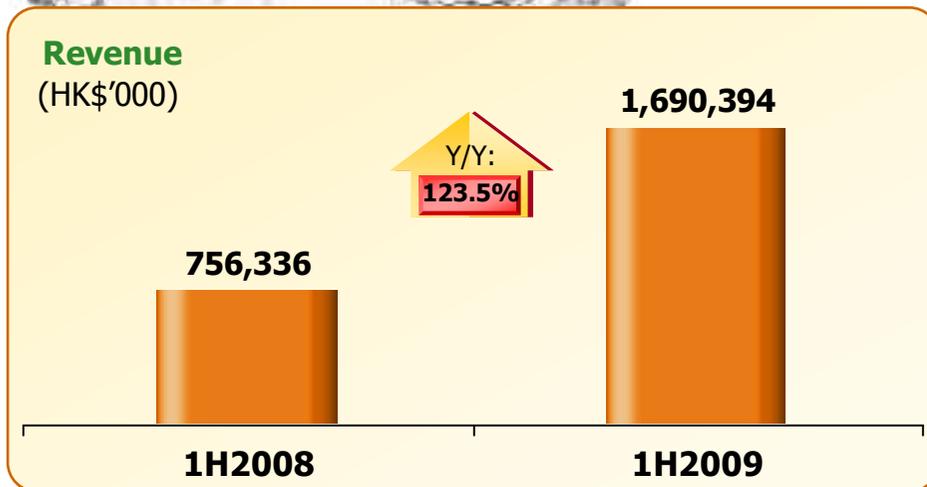
## Americas

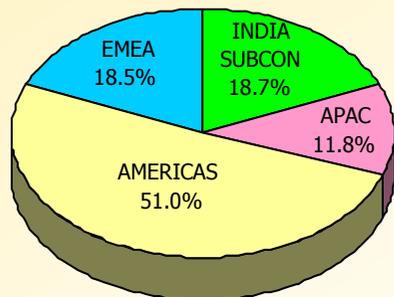
CT MÓVIL  
at&t  
PRTA  
USACEL  
vivo  
Personal  
américa móvil  
ENTEL PCS  
Claro



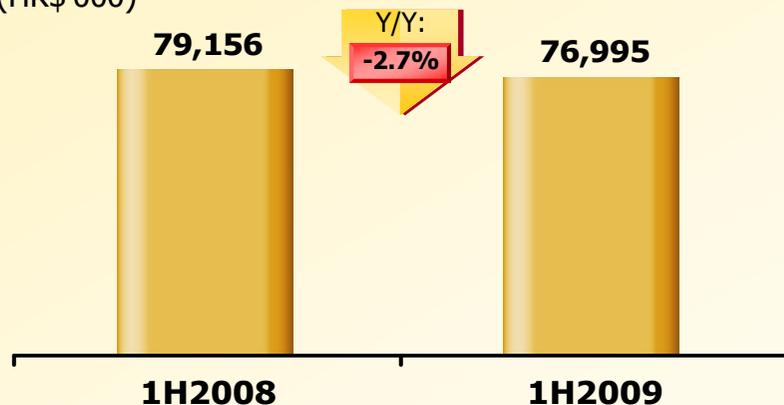
## Review & Opportunities:

- Huge growth of 123.5% to HK\$1.7B
- Successful in winning large contracts for network rollout
- 3G network CapEx underway with strong 2G demand
  - Demand for network enhancement in urban areas
  - Ongoing 2G network enhancement and extension activities in rural areas
- Continue to grow leverage on product innovations and services network on national and provincial level
- Matching needs of mobile operators at different stages of development:
  - Network rollout: BTS antenna, tower mounted solution
  - Network enhancement: repeaters, network optimization, in-building solutions





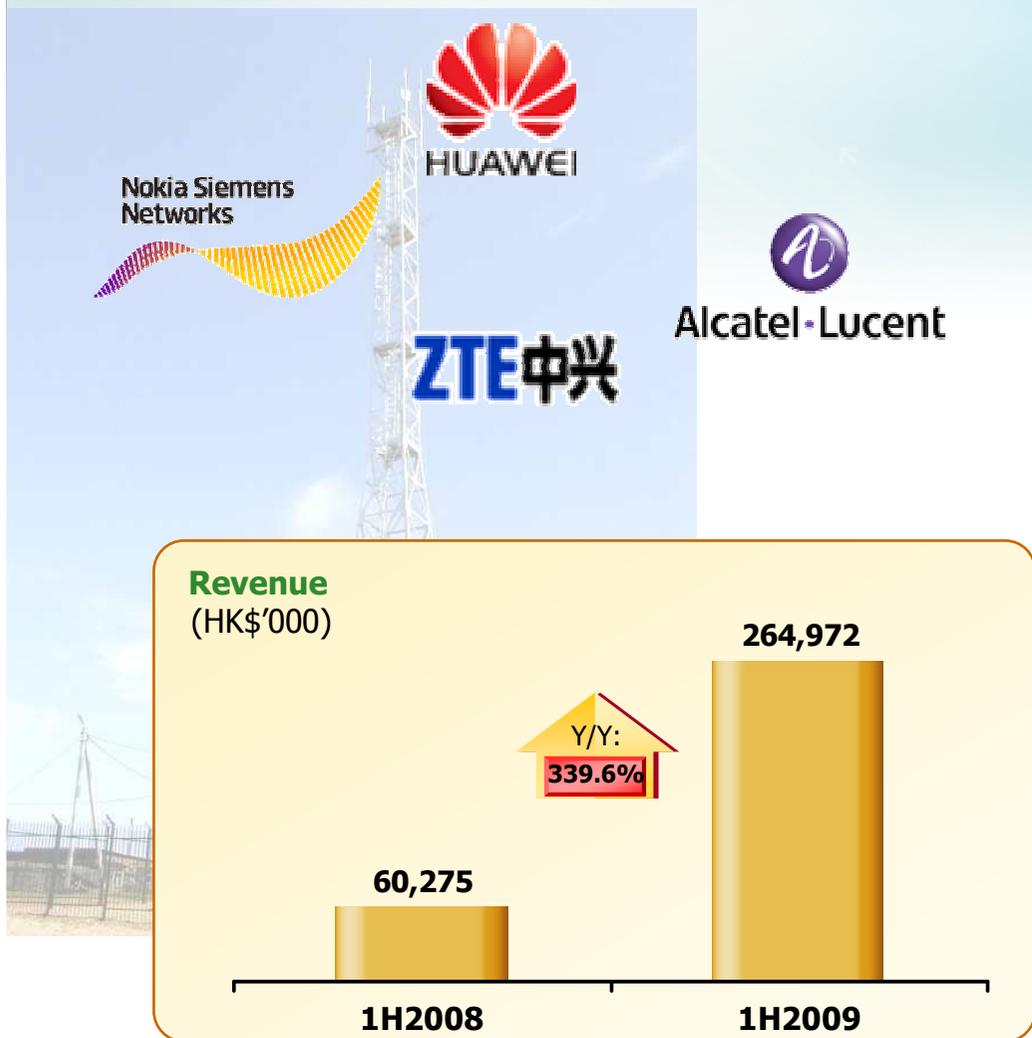
Revenue  
(HK\$'000)



## Review & Opportunities:

- Maintained international revenue maintained with slight decrease of 2.7% to \$77M amid global economic situation
- Impact from global macro-economy
  - Negative effect on operator CapEx with deferred spending and projects
- Adverse business environment offset by:
  - Continued progress in various regions with many opportunities considering the general business climate
  - Implementation of a number of large indoor solution projects
- Signs of global recovery with resumption CapEx in 2H09
  - Global telecom market is healthy with solid growth drivers
  - Observed big increase in # of opportunities
  - Already several landmark deals for a series of projects and the implementation of a metro coverage project in Europe

# Core Equipment Vendors



## Review & Opportunities:

- Major growth of 339.6% to account for \$265M
- Deeper relationships with OEM customer base and supplying to vendors globally
  - Increased brand recognition as a key supplier
  - International supply and support to match with their global expansion
  - Extension of supply agreements with international vendors to encompass China and globally
- Broadened and enhanced offering portfolio to vendor base
  - Approved status for most product segments including Antennas, Subsystems, Wireless Enhancement & Wireless Access products
  - Node B solutions including: Remote Radio Heads and subsystems products
  - Value-added services offering at regions

# Business Review

Wireless Enhancement

Antennas & Subsystems

Wireless Access

Services



# Business Review

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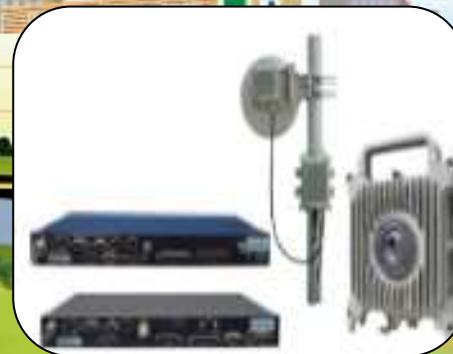
## Wireless Enhancement (indoor)



## Antennas and Subsystems



## Wireless Access



## Services



## Wireless Enhancement (outdoor)



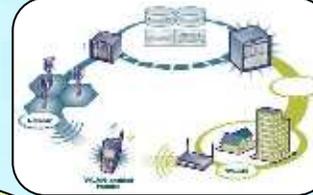
# Solutions for all Network Stages

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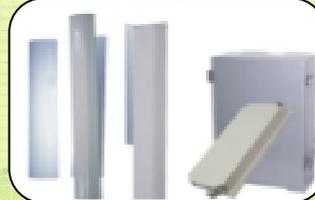
## In-Building Solutions



## Wireless LAN



## BTS Antennas Tower Mounted Solutions



## Outdoor Wireless Enhancement



## Installation commissioning etc.



## Wireless Backhaul



## Network Optimization Solutions etc..

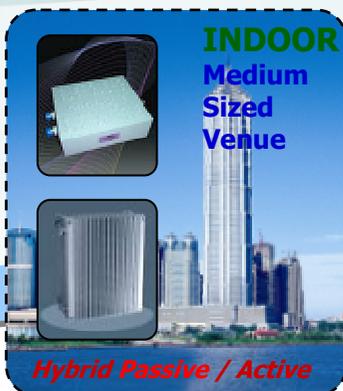


Rollout Phase

Enhancement Phase

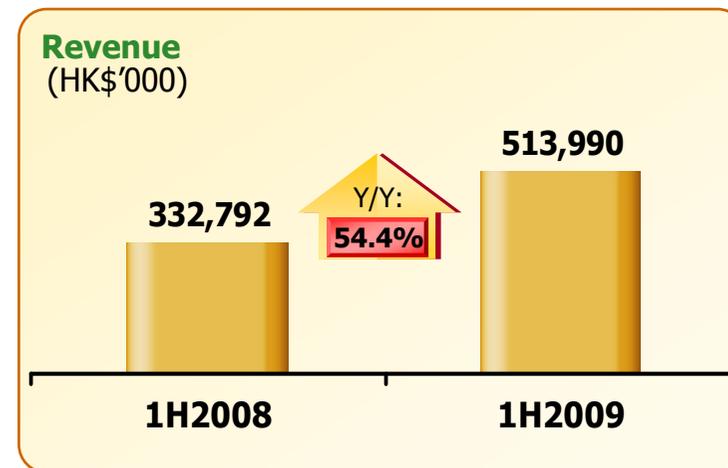
# Wireless Enhancement

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## Review & Opportunities:

- Strong demand from PRC market for repeater solutions with infrastructure and 3G projects
- Industry pressure on selling prices for standard repeaters
  - Offset by volume orders from selected global operators
  - Offering of new products and solutions
- Market acceptance of new products and solutions driving demand
- Implementation of 3G networks is creating substantial demand for wireless enhancement solutions



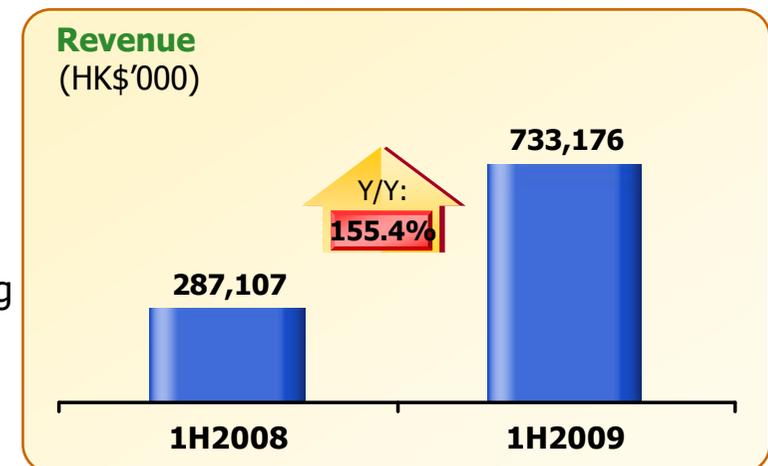
# Antennas & Subsystems

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## Review & Opportunities:

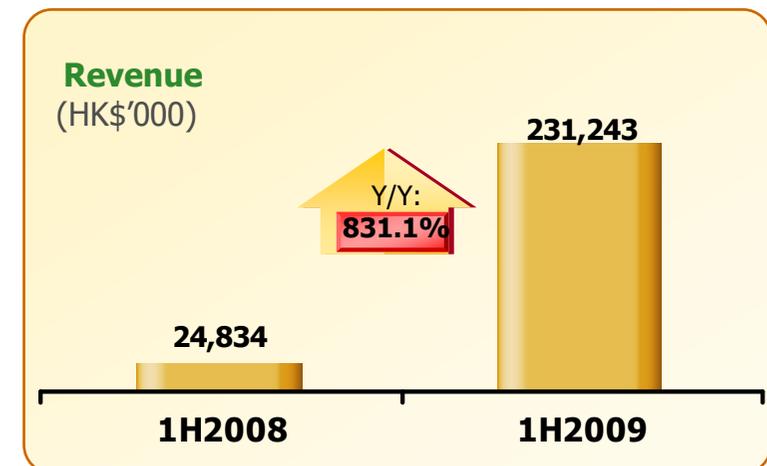
- A major global BTS antenna manufacturer
  - Expanded customer portfolio domestically and internationally
- Recognition by various 1<sup>st</sup> tier operators and core equipment vendors
  - Leading position in procurement programs for both domestic and international markets
- Volume orders of 3G antennas in China for network rollout gaining momentum
- High volume supply agreements for subsystems from operators internationally
- Product portfolio expansion with WiMAX and LTE compatible antennas for future growth





## Review & Opportunities:

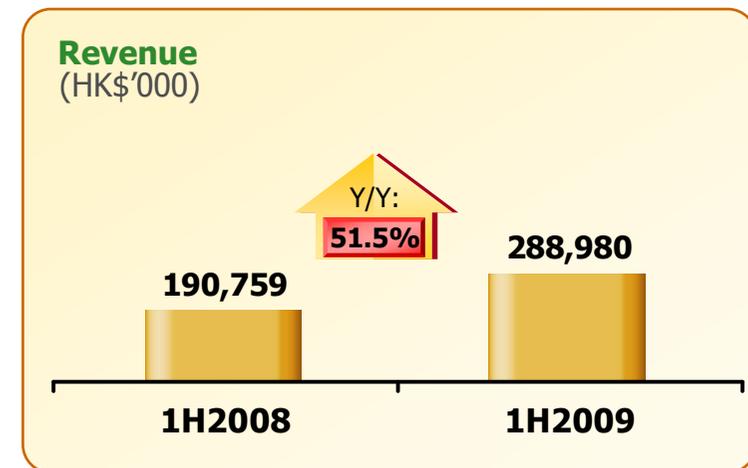
- Formerly Wireless Transmission → Wireless Access
  - Reposition due to business expansion to include wireless LAN solutions
- Portfolio offering expansion:
  - *Wireless LAN solutions*
  - *IP backhaul solutions* for future requirements
  - Cost-effective solutions developed including couplers and integrated microwave equipment
- Greenfield and wireless only operators and network rollout plans for 3G and 4G will drive future wireless backhaul demands





## Review & Opportunities:

- Services include maintenance, consultation, commissioning, network optimization and project management
- Existing installation base driving extended maintenance service revenues
- Recurring maintenance contracts from existing customers
- Successful expansion in both domestic and international market with service element in solution offerings
- Global trend of network rollouts and expansion will drive demand for Comba products, and hence Comba services



# Market Outlook

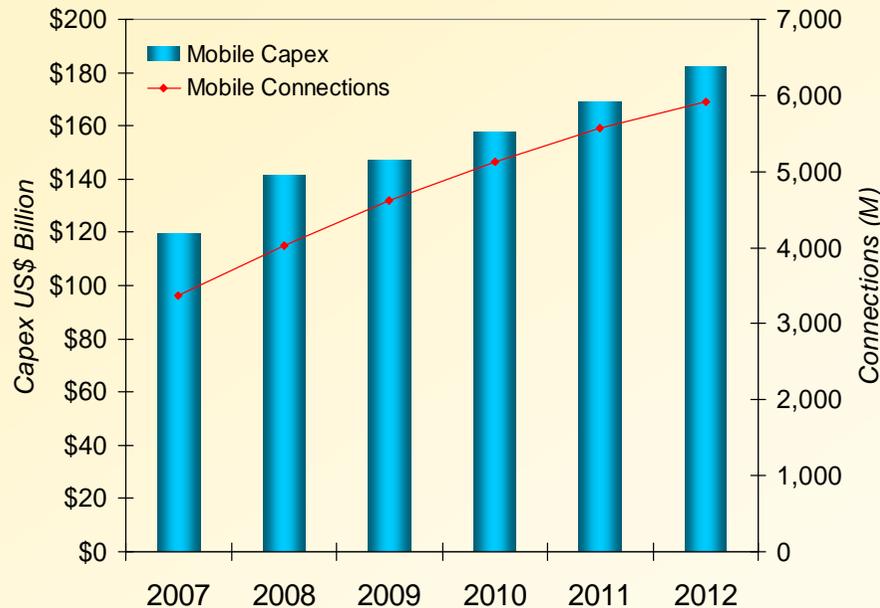
Global Industry Trend

Global Outlook

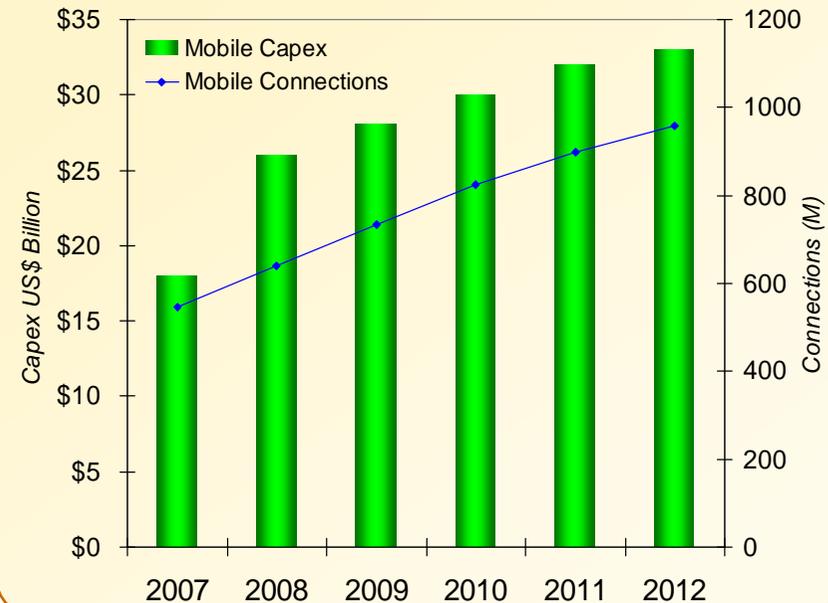


# Global Industry Trend

**Mobile CapEx & Subscribers GLOBAL**



**Mobile CapEx & Subscribers CHINA**



Source: Ovum 2009

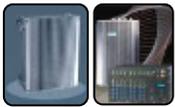
- Global mobile connections/ users will continue to increase from 4B in 2008 → 6B in 2012 (12% growth)
- FY09 wireless CapEx of USD140+ billion forecasted and expected to grow at 9% CAGR until 2012
  - China and India are the growth drivers, with China 2009 CapEx at USD26 billion growing at 12% CAGR to 2012
- 3G will increase prominence, but still dominated by 2G
  - 2010 expected to be a 3G milestone with 22% of connections
- Overall increase in connections and high speed data requirement further drives CapEx spend with faster predicted growth of CAGR 16% for network enhancement segment in China \* CCID research

# Global Outlook

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**Wireless Enhancement**



**Antennas & Subsystems**



**Wireless Transmission**



**Services**



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# Open Forum

