

## **Business Update**

May 28, 2008 Kaoru Yano President NEC Corporation

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#### CAUTIONARY STATEMENTS:

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#### (Notes)

NEC prepares its consolidated financial statements in accordance with accounting principles generally accepted in Japan ("Japan GAAP"). FY2007=FY ended March 2008, FY2008=FY ending March 2009 and so on.



## **Agenda**

## I. Financial Results FY2007

## II. Business Operation Strategy for FY2008

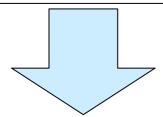
- (1) Achieve JPY 170Bn Operating Profit Forecast
- (2) Create New Growth Targeting an ROE above 10%

## I. Financial Results FY2007

## Looking back on FY2007

#### Management Objectives for FY2007 (from Business Update meeting in July)

- Rebuild Semiconductor business for mid-term growth
- Ensure profitability of mobile terminal business and reinforce competitive product offering
- Set breakdown plan of growth strategy centered on NGN
- Enhance corporate-wide measures to realize further growth



#### Results

- Successful turnaround of Semiconductor and Mobile Terminal Businesses
- Operating Profit and Net Profit both doubled compared to last FY

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 Strengthened our Internal Control and Corporate Governance Structure

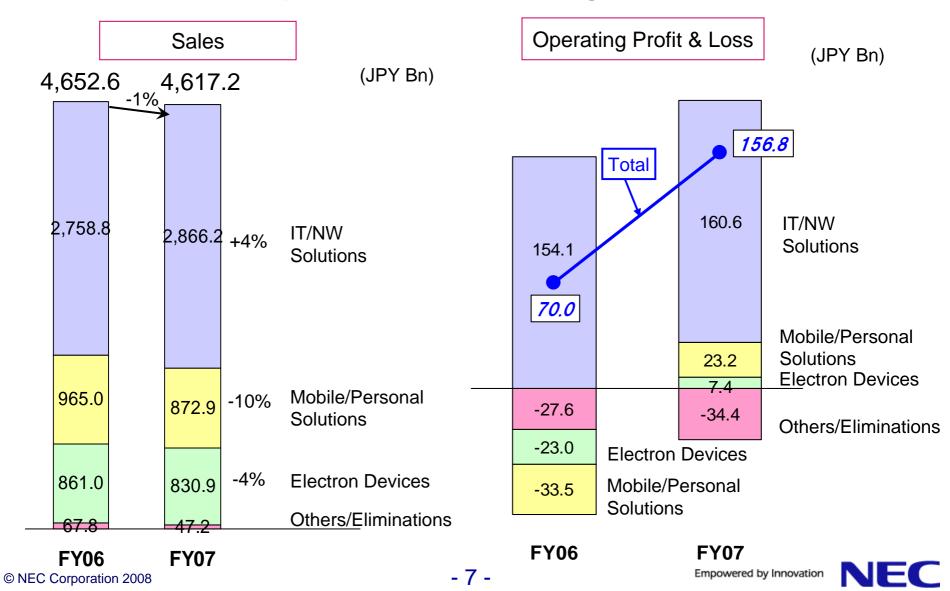
## **Overview of FY2007 Results**

(JPY Bn)

	FY06	FY07	YoY
Sales	4,653	4,617	- 0.8%
Operating Profit (Operating Margin)	70 (1.5%)	157 (3.4%)	+87
<b>Ordinary Profit</b>	16	112	+96
Net Profit (Net Profit Margin)	9 (0.2%)	23 ( 0.5% )	+14
EPS (JPY)	4.43	11.06	+6.63

## Financial Results by Segment

#### > Achieved profit in all Business Segments in FY2007



## **Achievements by Segment**

#### < IT/NW Solutions >

- NGN related business sales doubled YoY
  - FY2006: around 90Bn  $\rightarrow$  FY2007: around 200Bn
- Promotion of strategic global partnerships Alcatel-Lucent, SAP, cooperation on Service Platform
- Strengthened Enterprise Network business Acquisition of US Sphere to strengthen software
- Achieved #1 global market share in Pasolink (Yearly. Source: Sky Light Research)
- Executed company-wide strategic investments leading to growth

#### < Mobile/Personal Solutions >

- Turnaround of Mobile Business FY06 → FY07 Profit improvement of about JPY 46Bn
- Announced "Lui" solutions creating new market opportunities

#### < Electron Devices >

Achieved operating targets

FY06:  $-23Bn \rightarrow FY07$ : 7.4Bn improvement of +30.4

## **II. Business Operation Strategy** for **FY2008**

## **Business Operation Strategy for FY2008**

## 1. Achieve JPY 170Bn Operating Profit Forecast

- Assure growth in each business segment
- Establish solid profit structure

## 2. Create New Growth Targeting an ROE above 10%

Execute growth measures to realize NEC Group Vision

1. Achieve JPY 170Bn Operating Profit Forecast

## **Overview of FY2008 Forecasts**

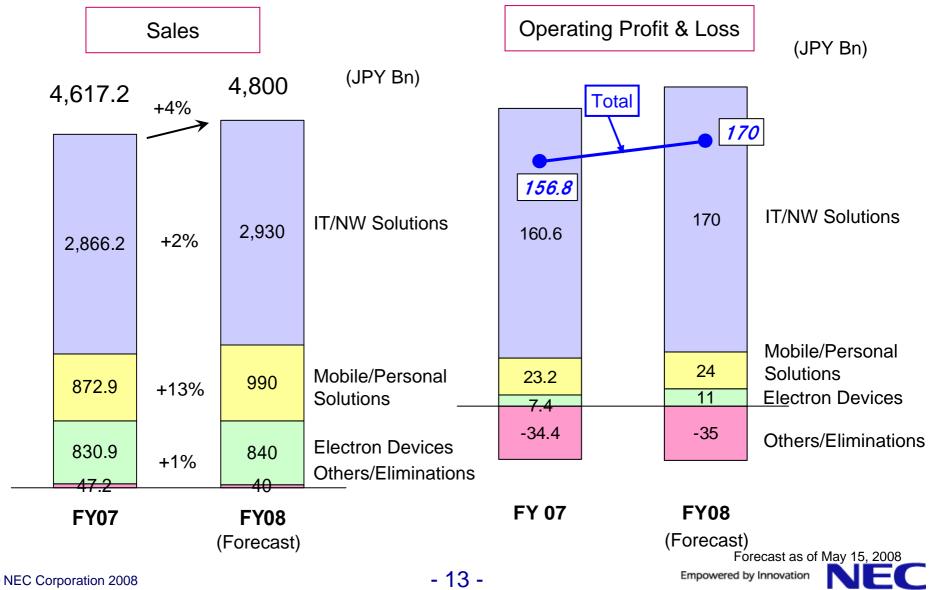
(Unit: JPY Bn)

	FY07	FY08 Forecast	YoY	1H FY08 Forecast
Sales	4,617	4,800	+ 4%	2,150
Operating Profit (Operating Margin)	157 (3.4%)	170 ( 3.5% )	+13	30 (1.4%)
Ordinary Profit	112	135	+23	12
Net Profit (Net Profit Margin)	23 ( 0.5% )	35 ( 0.7% )	+12	-4 ( -0.2% )

Forecast as of May 15, 2008



## **FY2008 Forecast by Segment**



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## **Key Factors toward achieving FY2008 Target**

#### **Focus on Growth:**

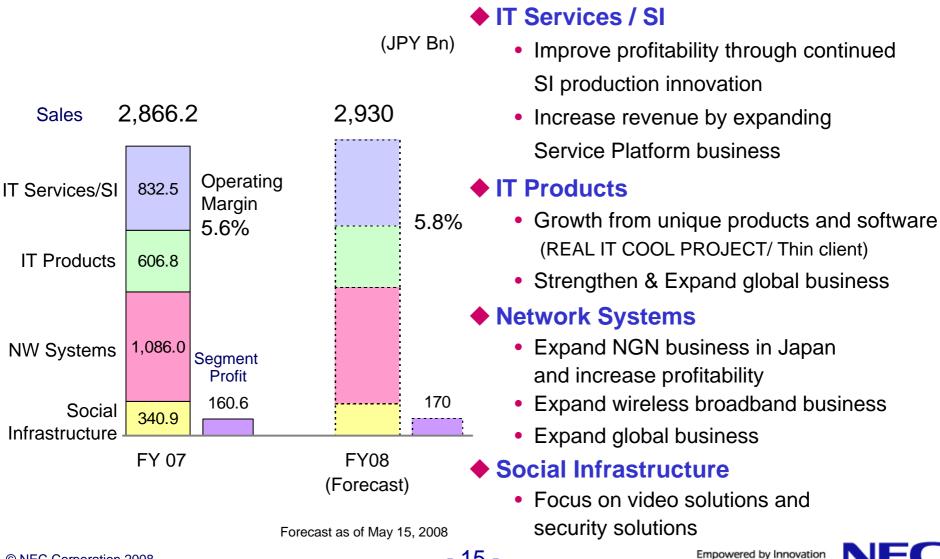
- NGN and Global Businesses driven by Network Systems
- Mobile Terminals Business

### **Focus on Profitability:**

- Improvement of IT Services business operating margin
- Assure profitability of in Mobile Terminals and Electron Devices businesses

## (1) IT/NW Solutions Business

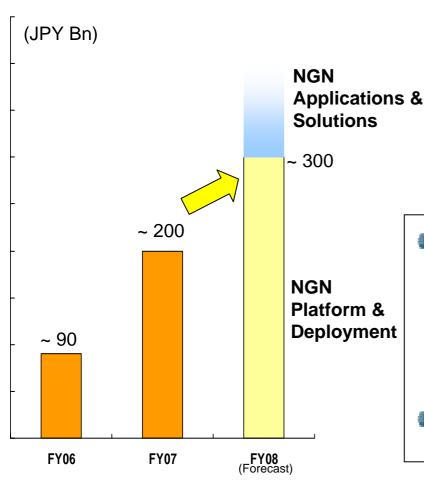
#### Accelerating growth through NGN



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## Accelerating growth through NGN

#### Sales in NGN related business



## < Recent Trends in NGN > Japan

NTT commercial service launch (end of March)
 →Expand services to Consumer / Enterprise market

#### **Overseas**

- Global market growth in NGN and wireless broadband
- Investment demand driven by 3G expansion



- Accelerate global expansion and materialize results from partnerships
  - Alcatel-Lucent
  - > SAP

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- Service Platform Business
- Expand NGN Applications & Solutions

Forecast as of May 15, 2008

## **Business Expansion through Partnerships**

#### Alcatel-Lucent

Expand global business and promote product collaboration through joint development, cross-selling and cooperation in solutions business

➤ Joint R&D

- Materialize successful results In FY2008
- •Establish LTE JV, to jointly develop LTE products for the global market
- •In discussion for joint R&D on next-generation transport technology and others
- > Cross-selling, further cooperation in solutions business
  - •In discussion for collaborations in mutually complementary areas such as Optical, IP, mobile, IMS and others

#### SAP

- > Established "SAP Global Competence Center" in April (Wardorf, Germany)
  - •Operational tests of low-power consumption platform that will realize "REAL IT COOL PROJECT"
  - Inter-operability tests of data center platform with SAP Solution
  - Joint development of SOA-based services and other solutions

## **Expanding our Global Business**

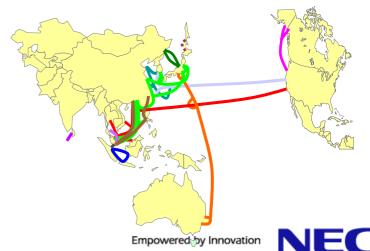
# Dynamically drive growth with strong, competitive businesses

- Pasolink → Leverage on NEC's competitive strength as growth driver
  - > Achieved #1 global market share in 2007 (30.1% Market Share)
    - Supply Record in 131 countries
    - Our Competitive Edge
      - Technology : Superior reliability with mobile technology
      - Superior solution capabilities and customer support system
      - Streamlined manufacturing, reduction of lead-time through enabled by global SCM System, superior quality, lower failure rate than competitors
  - > Expanding Sales in India, Europe, Middle-East and Africa

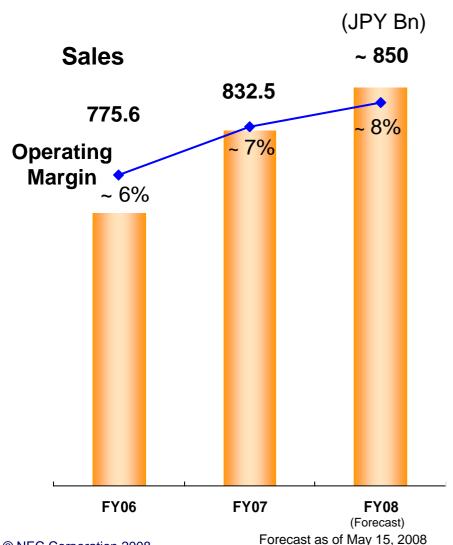
#### Submarine Cables

Building new backbone network in the Indian Ocean and Middle-East, in addition to Asia Pacific region

e.g. Jakarta – Singapore (optical Submarine fiber cable deal of 1,300Km)



## Improvement of IT Services Business Operating Margin



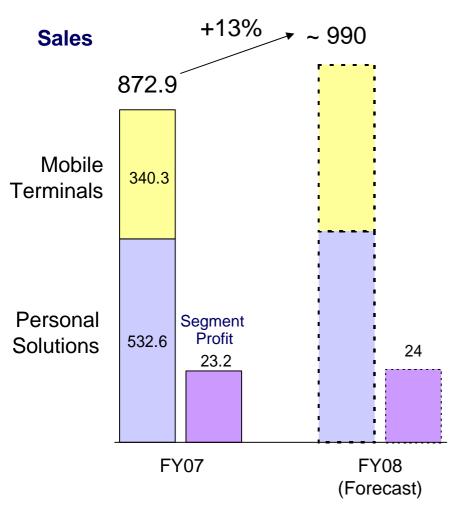
#### Achievements of SI Innovation

- Expand innovations in Hardware production to SW and SI
- Implement software component and system development standardization
- Focus more on Project Management
  - "Prevent" unprofitable projects rather than "eradicate"
  - Foster highly skilled system engineers and project management capabilities
  - Propose solutions from upper process approach (in collaboration with Abeam Consulting)
- Expand outsourcing business

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## (2) Mobile/Personal Solutions business

(JPY Bn)



#### Mobile Terminals

- Towards growth from turnaround
- Stronger cost management

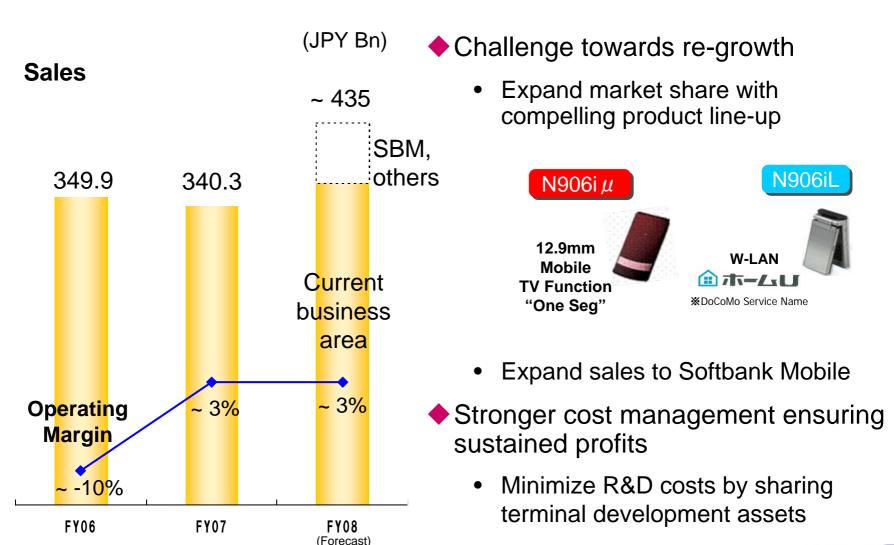
### Personal Solutions

- Product differentiation with "Lui"
- Provide terminals for ubiquitous networks

Forecast as of May 15, 2008

### **Mobile Terminals Business**

### Challenge towards re-growth and sustained profits



Innovation NEC

Forecast as of May 15, 2008

### **Evolution of Mobile Terminals**

## Provide user-friendly & leading-edge products

N906iL

time





N906i μ

Richer

regionally limited edition collaboration with STNY





collaboration with STNY



Collaboration with Stefano Giovanno



"Timely Collaboration" tailor-cut to your lifestyle







Collaboration with

**Art Director** 

Kashiwa Sato





**Franc**franc

amadana Collaboration "One-Seg" + GSM

Francfranc Collaboration "One-Seg" + GSM

N706ie

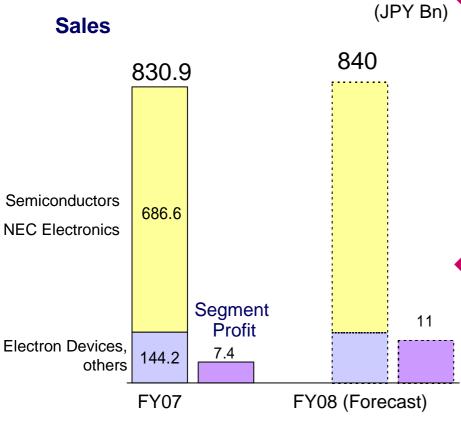
Ease-of-use



Strengthening low-power consumption technologies

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## (3) Electron Devices Business



	FY07	FY08
	F101	
(JPY Bn)	Actual	Forecast
Semiconductor Business		
Operating Profit	5.1	10
(NEC Electronics)		

Forecast as of May 15, 2008

## (JPY Bn) Semiconductors

## (NEC Electronics)

- Realize positive net profit by further improvement in management efficiency
- Focused investments toward mid-term growth
   (in Automotives, Digital consumer appliances)

## Other Electron Devices (NEC Tokin)

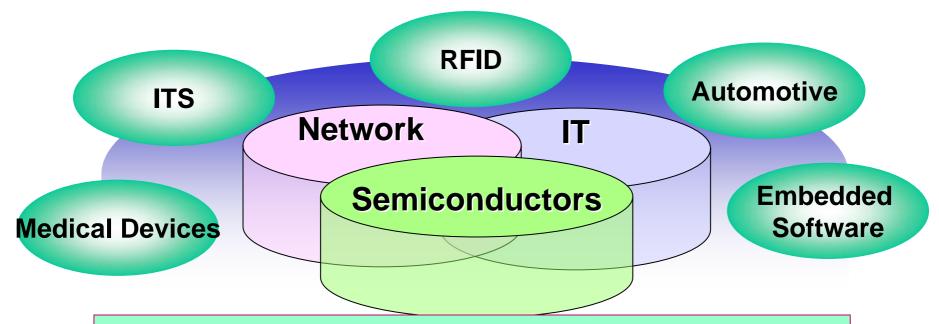
- Expand laminate batteries business
- Expand growth centering on core capacitor business
- Re-build rectangular battery business



Establish as stable revenue base for NEC Group

## The Semiconductor Business within NEC Group

Receive orders from large business accounts through joint collaborative efforts of NEC, NECEL and other group companies



- Provide total solutions for the ubiquitous networking era From product development to system implementation (e.g. Provide comprehensive solution from RFID tags to systems)
- Cross-selling between customer base within NEC Group Joint approach to large clients (Electronics manufacturers, Game console manufacturers)

## (4) Establish solid profit structure

Cost reduction measures

Corporate DNA of NEC: Hardware / Software manufacturing technologies

- Centralized, concentrated purchase in group companies
- Expand usage of overseas resources
- Reform in resource structures

Respond to market trend for globalization and service focused business

- Strengthen global workforce including overseas subsidiaries
- Shift resources to service business (→Re-allocation of resources, including subsidiaries)
- **Review business operation processes**

Compliance and maintaining the speed of business

Standardization and simplification of IT system and business processes

2. Create New Growth targeting an ROE above 10%

## **NEC Group Vision 2017**

To be a leading global company<sup>(1)</sup>
leveraging the power of innovation<sup>(2)</sup>
to realize an information society
friendly to humans and the earth<sup>(3)</sup>

(Announced in April, 2008)

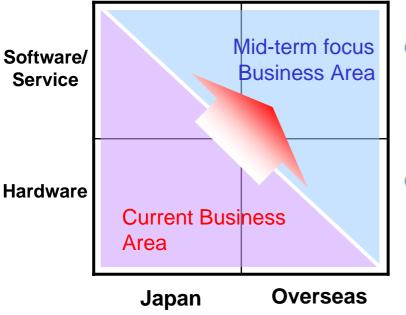
## (1) Towards a leading global company

#### Market / Competitive Environment

- Maturing Japanese market and growth in overseas markets (in BRICS, Natural Resourcerich countries)
- Global expansion of NGN and Broadband wireless
- Consolidation of vendors driven by commoditization of transport-layer



#### **Expand IT/Network business to Global Market & Software/Service areas**



- Streamlining Product and Business Portfolio
  - Concentrate on globally competitive products in hardware
  - Global expansion of software business
- Expansion of Global Business
  - Strengthen global sales and system engineer organizations
  - Expand business through partnerships

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## Reinforce carrier business in the global market

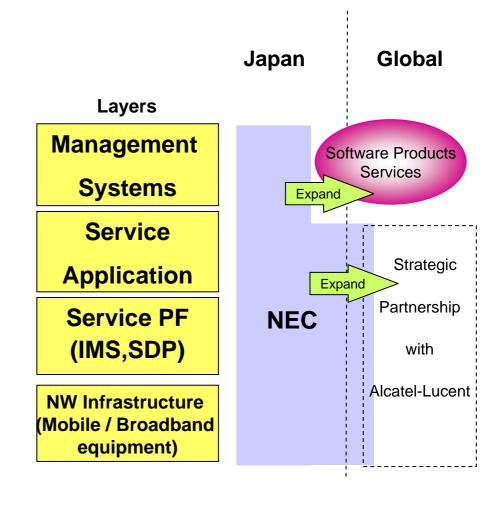
# Leverage the know-how and expertise gained from NGN market in Japan to the global market

➤ Network infrastructure, service platforms and service application businesses

→ Fortify strategic partnership with Alcatel-Lucent

➤ Management Systems

→Strengthen partnerships with overseas software vendors



## **Initiatives in the Emerging Markets**

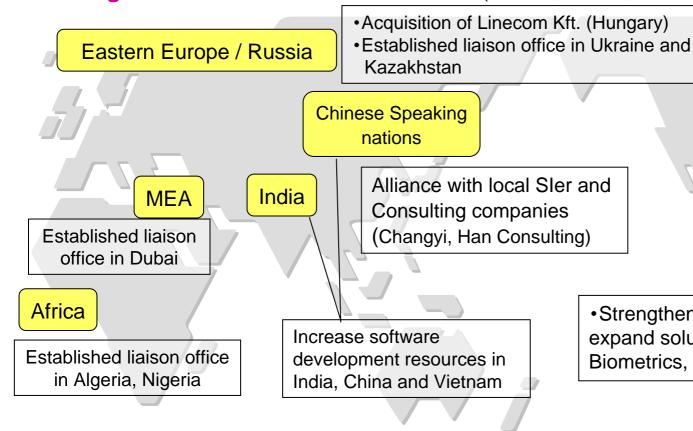
**Expand Products and Solutions leveraging NEC's strengths** 

e.g. National identification system for the Republic of South Africa IT Infrastructure for Indian City Development Project

**Expand local Solutions Business** (Greater China, Latin America)

Strengthen Overseas R&D Resources (in India, China, Vietnam)

Increase investments Increase personnel for global market



Latin America

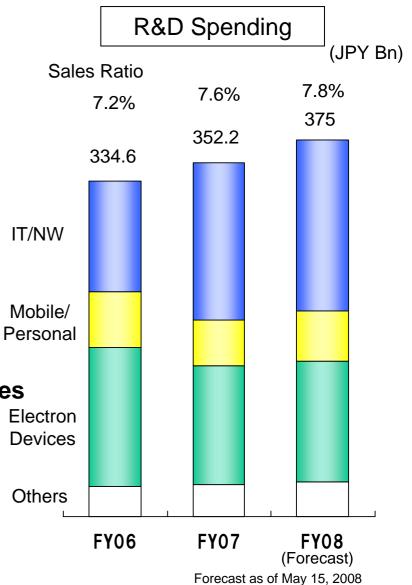
 Strengthen local organization to expand solution businesses (in Biometrics, e-government solutions)

## (2) Innovation Efforts

Strategic investments focused on IT/Network Solutions to accelerate mid-term business growth

#### Focus Areas

- Network Systems for NGN
  - Wireless Broadband (LTE, WiMAX)
  - Service Platform, NGN Applications
  - UC Core
- **Development of cutting edge technologies** 
  - REAL IT COOL
  - Next-generation supercomputers
- Develop Services and Products in new growth markets



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## **Develop Products and Services in New Growth Markets**

Convergence of IT + Network + Device Technologies

Cutting-edge solutions in business area with solid customer base

**IPTV** 

REAL IT COOL Data Center

**RFID Solutions** 

Multi Reader/Writer



#### **Multi-Biometrics**

Multimode Identification system using Fingerprint + Vein Authentication



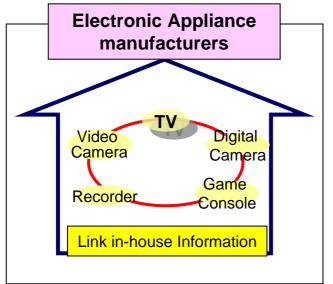
ITS

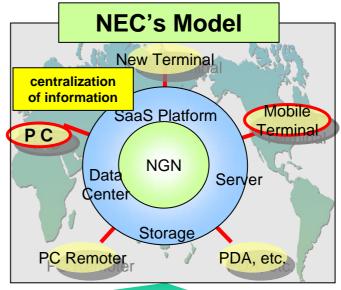


Mobile/PC convergence solutions

# (3) Towards an information society friendly to humans and the earth

Create new lifestyles with mobile/PC convergence





Link in-house Information (Pictures, Videos, etc.)

Centralize Information over the network

→ Access any information from any device

### **Friendly to humans**

- 1. Eliminate the Digital Divide
- 2. Provide both rich services and mobility
- 3. Centralization of information
- 4. Reliable, secure solution

#### **NEC's Business**

New Handset market

New Service Market

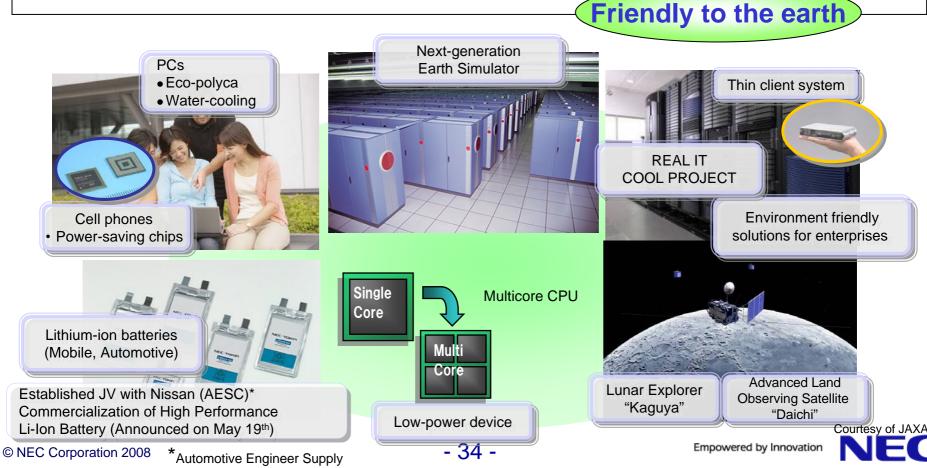
Contents, personal information, Application

Provide New Infrastructures

Security, Network, Billing, Identification

## Focus on "Environment" in business

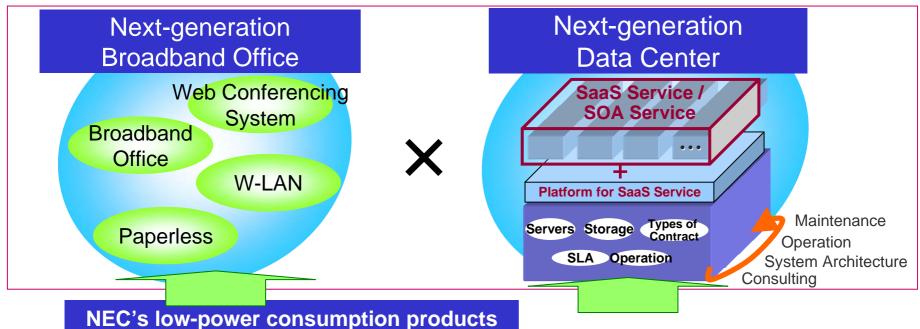
- NEC Environmental Management Vision 2010 (formulated in 2003)
  - 1. Reduce CO2 emission in offices and manufacturing sites
  - 2. Reduce CO2 emission by providing low power consumption devices
  - 3. Contribute to reduce CO2 of our clients and societies with our solutions



## **Provide Eco-Outsourcing Services**

#### Reduction of CO2 emission is moving to "offices", from plants & homes

Aim to provide eco-centric services (including outsourcing) in all value chain from front office to back office, leveraged by NEC's extensive know-how and product portfolio



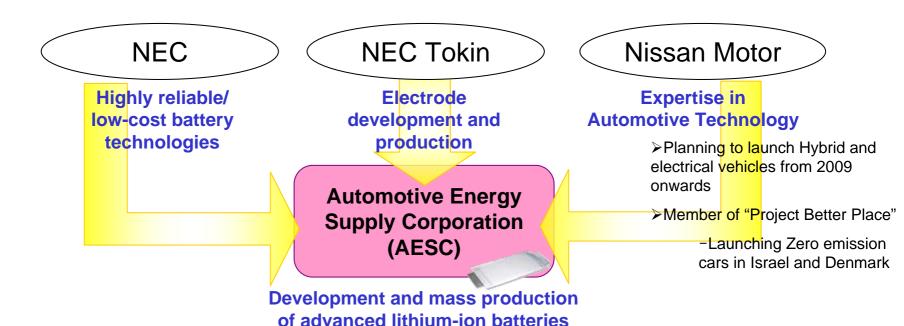


## **Establishment of Battery Joint Venture with Nissan**

## Formed a joint venture between NEC Group and Nissan to commercialize automotive batteries

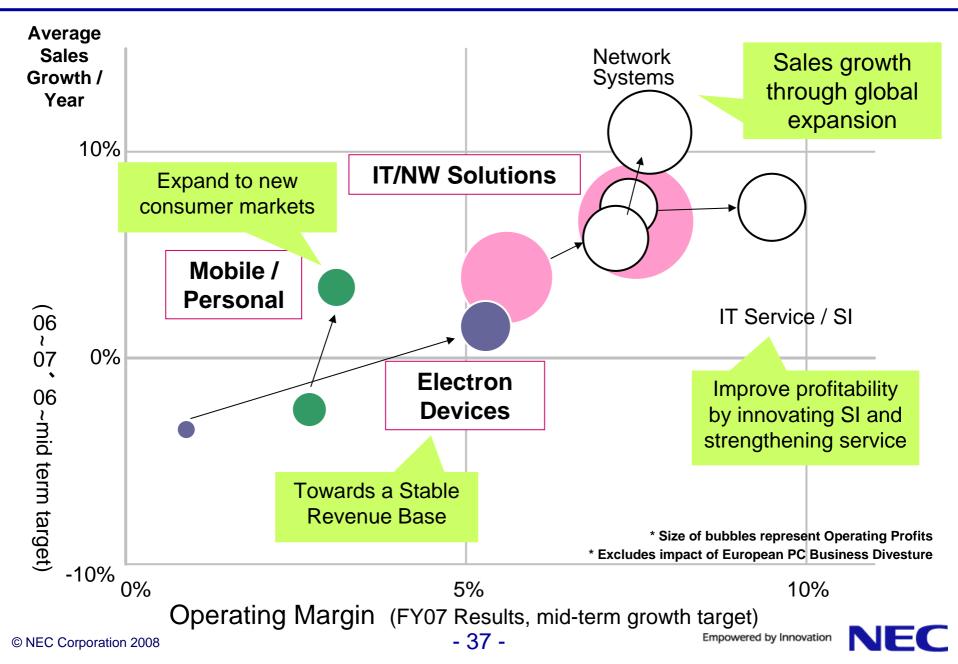
#### **Background & Market Environment**

- ◆Global trend towards more strict CO2 emission regulations
  e.g. ZEV Regulation in California, Israel's' electrical vehicle project
- Increase in demand for eco-cars due to sharp rise in oil price



- < Competitive Advantages >
- Delivers twice the electric power compared to conventional nickel-metal hydride batteries
- Demonstrates high-performance of more than 100,000 km

## (5) Towards an ROE above 10% (Portfolio Image)



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