

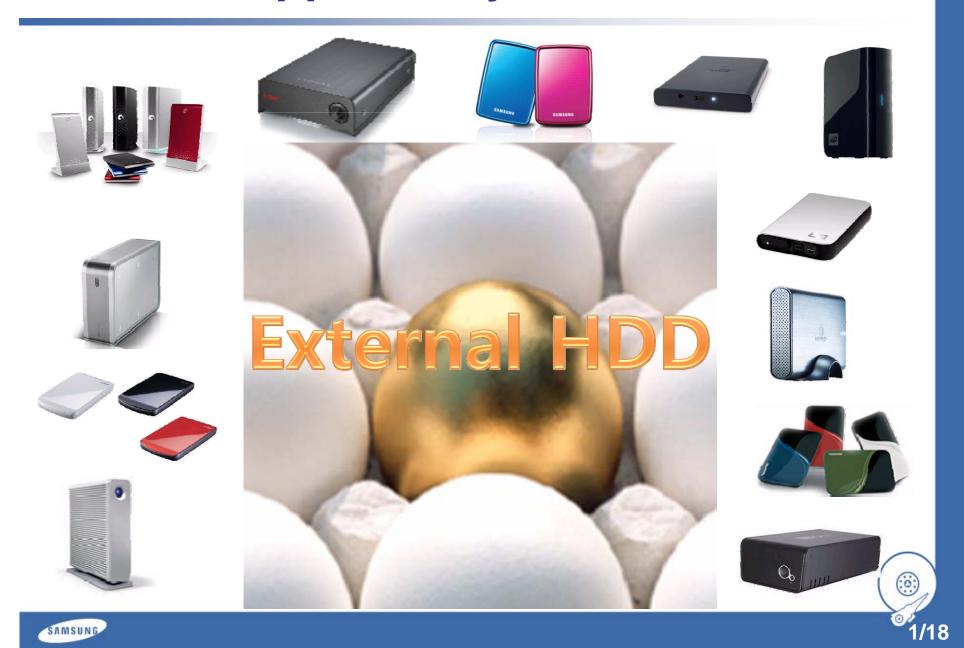
New Paradigm in External Hard Disk Drive Business

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Golden Opportunity ...!?



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- I. External HDD Market Analysis
- **II. Key Success Factor**
- III. Future Business Opportunities
- IV. Q&A



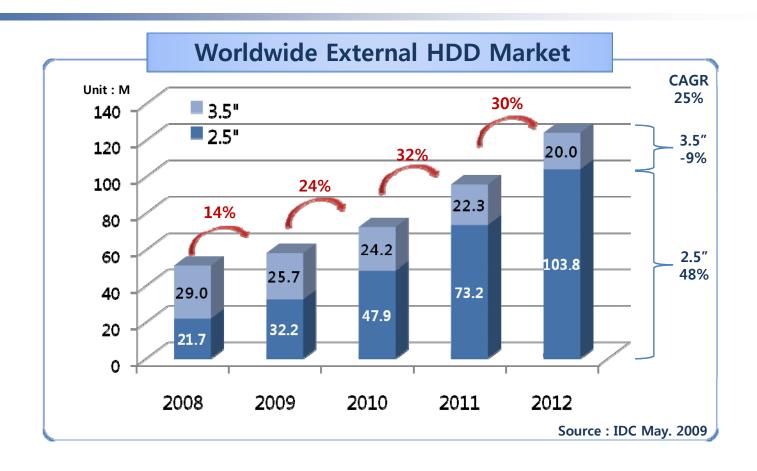


External HDD Market Analysis





External HDD Market Forecast



- ✓ Continued growth and even accelerating!
- ✓ 2.5 inch E-HDD market will be dominant.



4/18

Digital Information Explosion



















DVD. RFID.

Digital TV,

Increased Need for Personal Storage!!

eras

ayer





Camera phones, VoIP, Medical Imaging, Laptops,

Datacenter Applications, Games,

Satellite images, GPS, ATMs, Scanners,

Sensors, Digital radio, DLP theaters, Telematics,

Peer-to-peer, Email, Instant Messaging, Video-conferencing, CAD/CAM, Toys, Industrial Machines, Security Systems, Appliances

Source: IDC, 2008, Digital Information – Created, Captured, Replicated Worldwide





Value of Backup?



E-HDD can

protect your Precious Data.



Lose or loss of a Laptop

Value of \$50,000!

50% of PC users do not do any back-up.

Only 15% of PC users utilize E-HDD.¹⁾

- 1) Samsung internal estimation
- 2) Ponemon Institute/Intel estimation



Netbook and External HDD

My netbook is

too small to store my data too difficult to backup my data too cumbersome to carry around



E-HDD provides

- **✓ Capacity Expansion**
- ✓ Secure and Easy Data Backup

What is the solution??





Data?

External HDD Driving Force

Capacity Expansion



Networked (NAS)



Portability



Backup





Key Success Factors





Key Success Factors (1/4)

I. Stylish Design





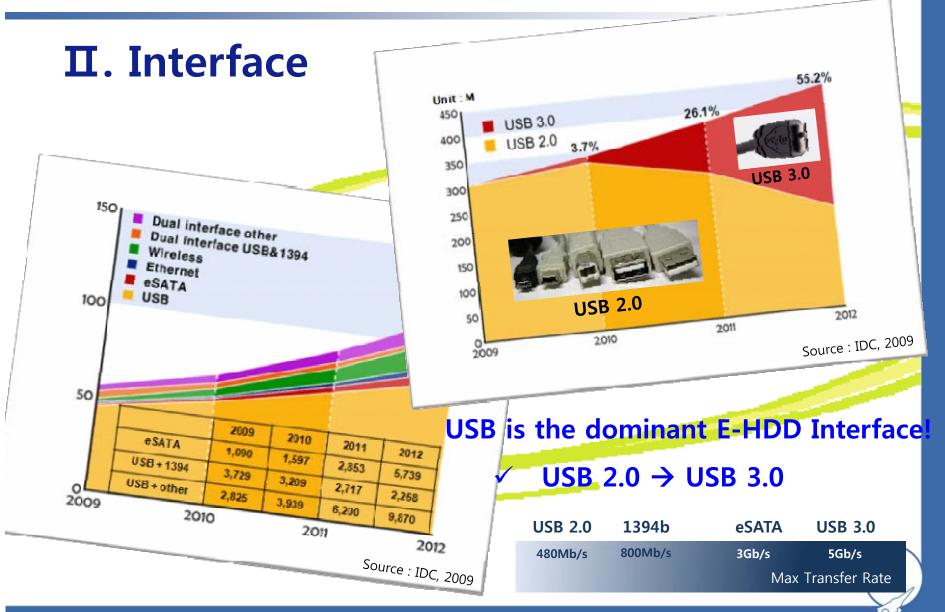


Trend in Mass Storage

- ✓ IT Storage → Personal Storage
- ✓ Conventional Shape → Personal Expression
- ✓ IT Device → Stylish and Trendy Accessory



Key Success Factor (2/4)

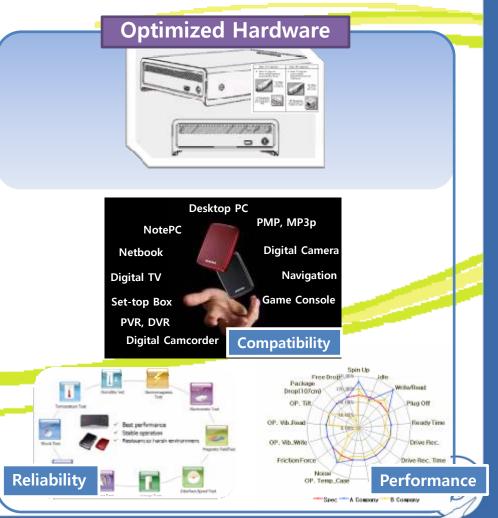




Key Success Factors (3/4)

III. Functionality







Key Success Factors (4/4)

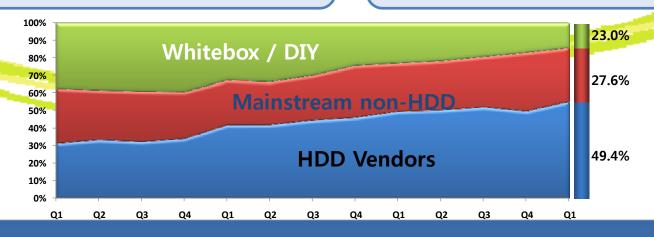
IV. Full Lineup

Basic Lineup

- √ Form factors
 - 3.5", 2.5", 1.8"
- ✓ Capacity
 - 2TB, 1.5TB, ..., 120GB
- ✓ Product Classes
 - Premium, Basic, Entry

Value-Added Products

- ✓ Additional Feature Products
 - NAS (Network-attached Storage)
 - Multi-media Player
 - Home Multi-media Server
- ✓ E-HDD by Major HDD Vendors
 - Optimized Technology
 - Competitive Price





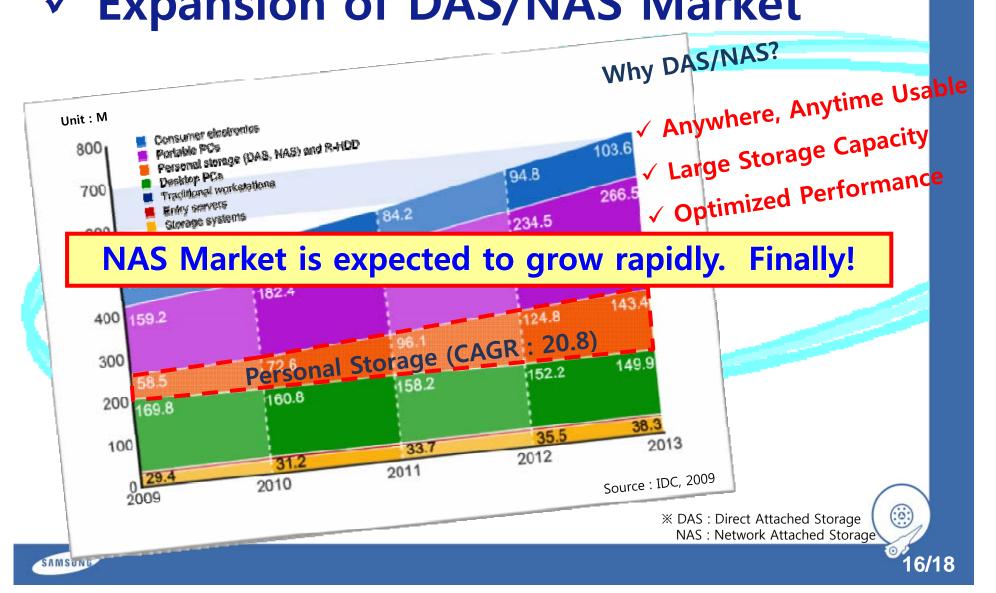


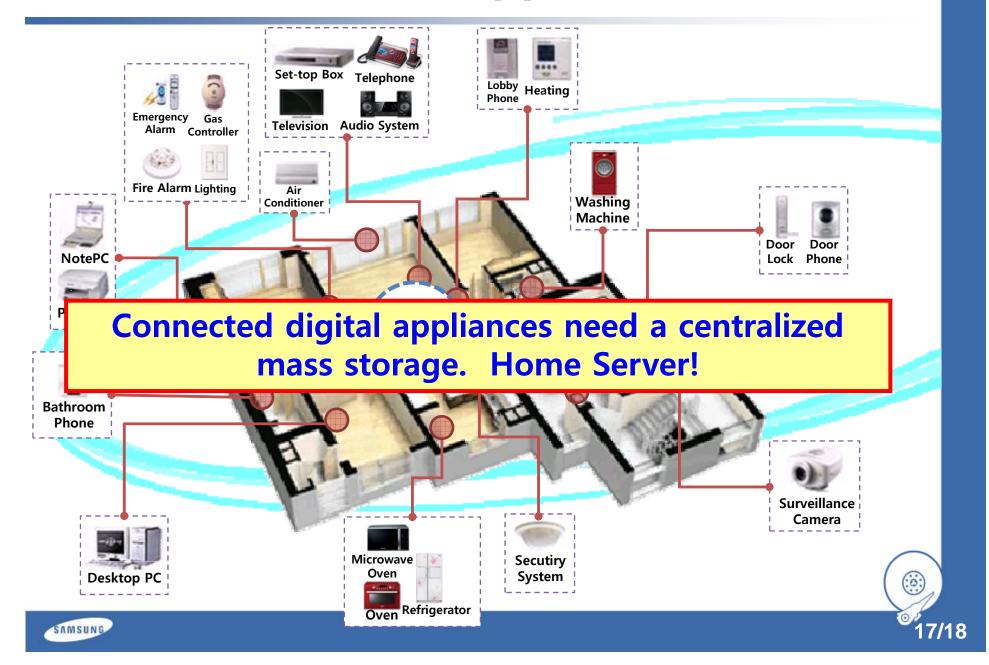






✓ Expansion of DAS/NAS Market





Concluding Remarks

E-HDD business provides upside potential for HDD industry.

Concerted efforts are needed to educate general public for importance of backup.

❖ Key success factors of E-HDD

- 1) Stylish Design
- 2) Interface
- 3) Functionality Easy to Use
- 4) Full Lineup

❖ E-HDD business is B2C.

Many evolutionary and revolutionary products will show up in near future.

