

Cautionary Statement



This presentation contains forward-looking statements that are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, including statements regarding the unveiling of a new memory solution for servers designed to reduce energy consumption, provide better performance and total cost of ownership. Introduction of a new technology carries both technical and market acceptance risk. Investors are cautioned that the forward-looking statements in this release involve risks and uncertainties that could cause actual results to differ materially from the company's current expectations. The company urges investors to review in detail the risks and uncertainties in the company's Securities and Exchange Commission filings, including but not limited to the company's Annual Report on Form 10-K for the fiscal year ended December 30, 2007. The company assumes no obligation to update any forward-looking statements or information included in this presentation.



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Spansion Inc.

Improving the Mobile User Experience with Next Generation Flash Technology

Flash Memory Summit 2008



FLASH FORWARD



Presentation Agenda



Handset Market Trends

Handset Market Challenges

Improving the User Experience for the Consumer

Improving the User Experience for the Producer

Questions and Answers

Handset Trends & Challenges

Today's World



Impatient
society –
always
on the go

Multi-tasking
“Generation
Z” – the
“Google
Generation”

They want ...
even *need* ...
their gadgets
to work
flawlessly

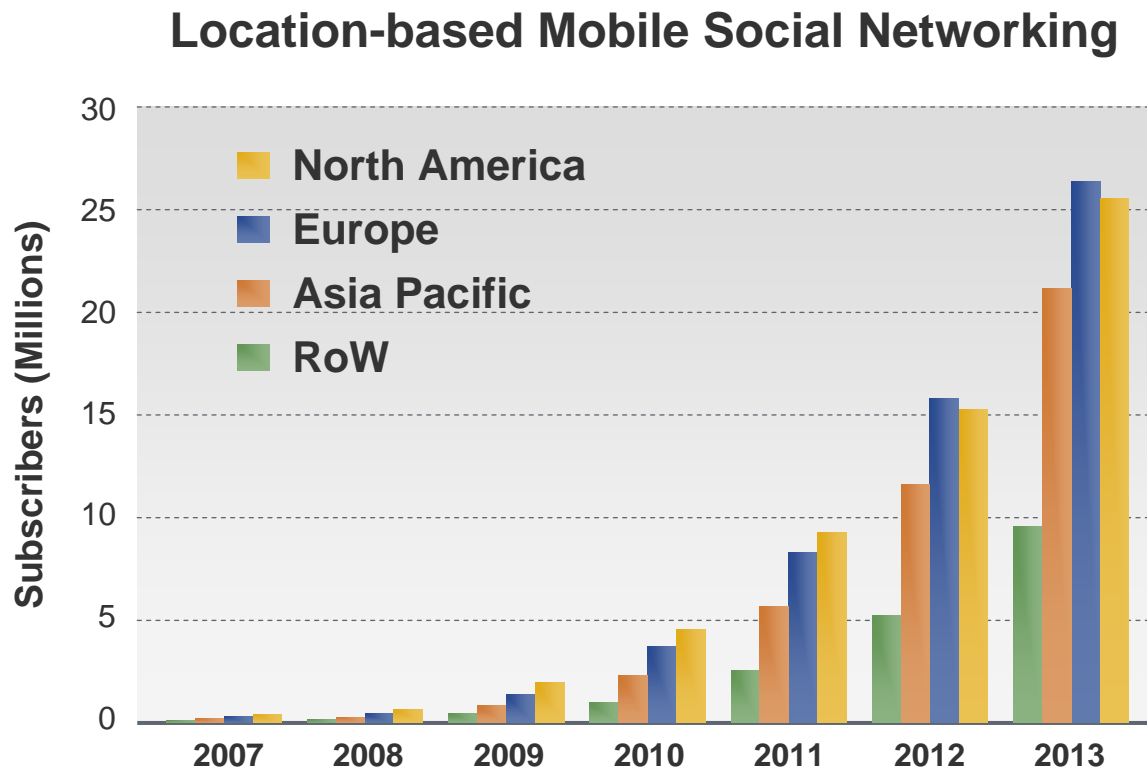


The mobile
phone ... once
an *option* ...
has become
a *necessity*
for a social life!

Rise of the Mobile Social Network



Users demand rapid access to all their applications



Favorite Social Networking Applications

- Gaming
- Music
- Text messaging
- Email
- Internet surfing
- Mobile TV

Source: ABI Research

How to Improve the *User Experience* for Handset Consumers?



Fast, seamless transitions from application to application

Faster sharing of one's favorite content

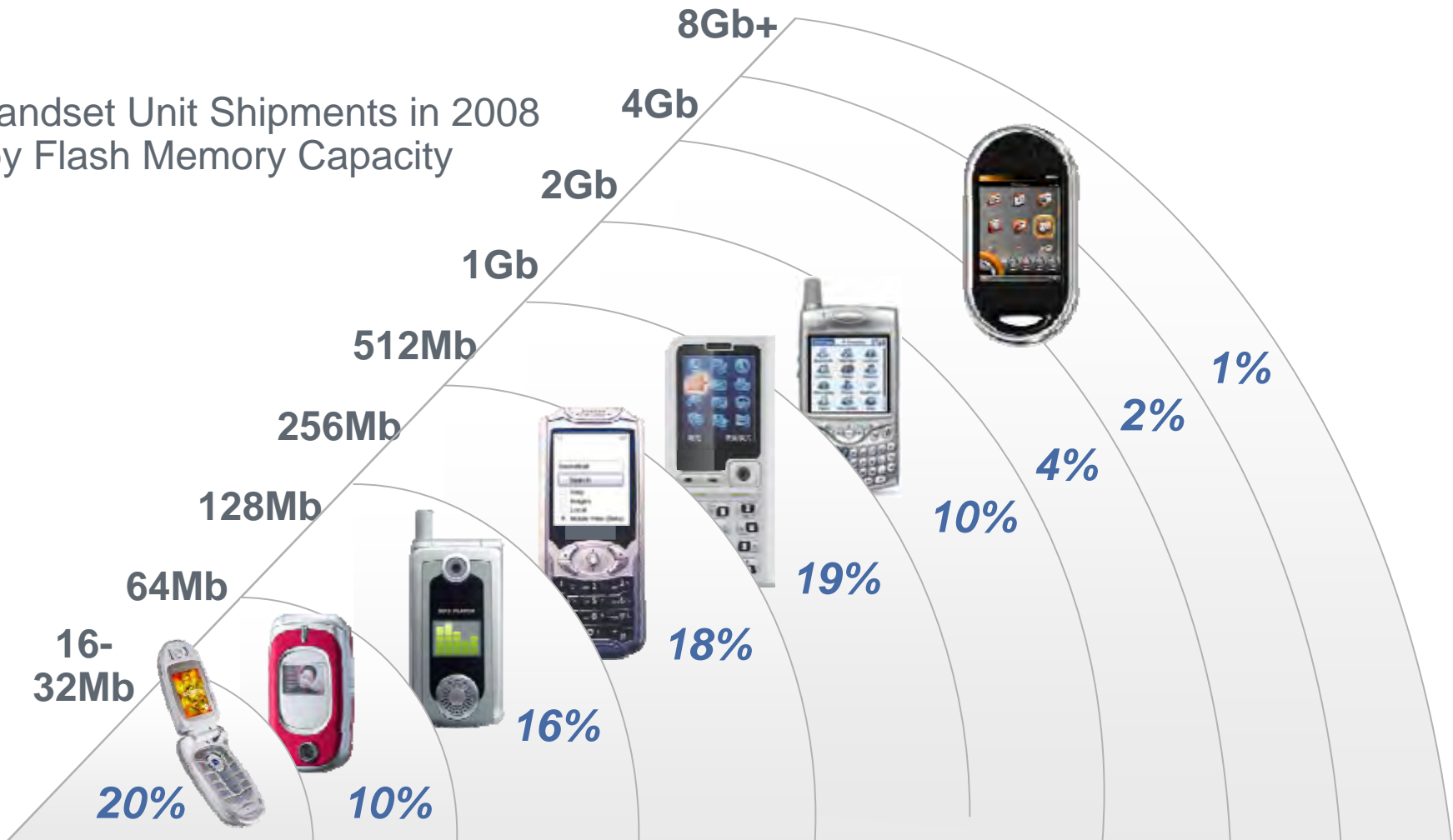
Faster boot and longer battery life



Over 80% of Phones Use NOR



Handset Unit Shipments in 2008
-by Flash Memory Capacity



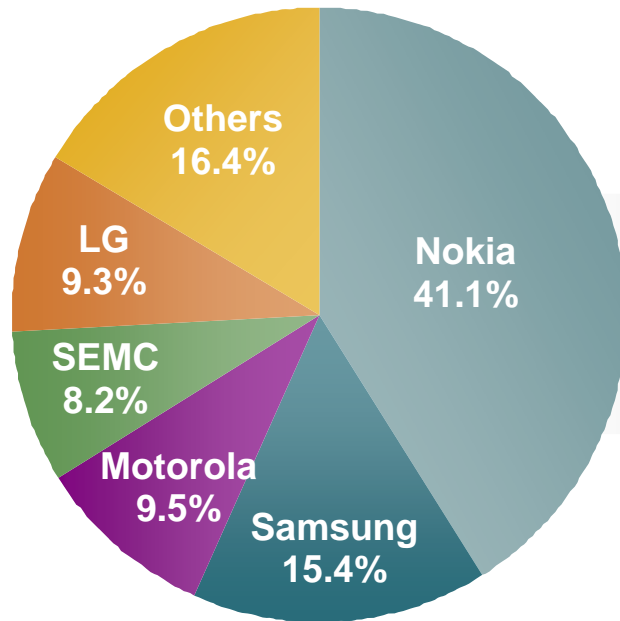
Source: Spansion estimates for 2008



How to Improve the *User Experience* for Handset *Producers*?



Challenge for the Top 5: Deliver 90+ million phones per month!

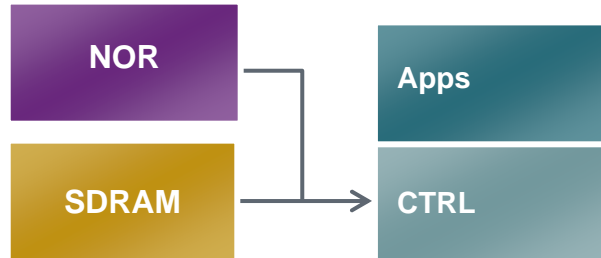


How can producers

- Increase factory throughput?
- Lower manufacturing variable costs?
- Lower manufacturing fixed costs?

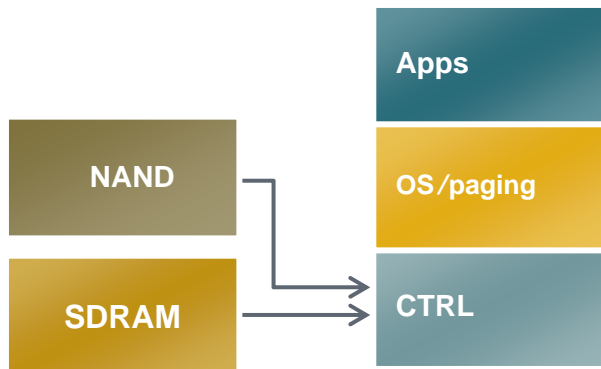
Source: Strategy Analytics Q208

Evolution of System Architectures



Classic NVM XIP

Low PWR, Fast Response, Light System Management



Store and Download

Slow Response, Heavy System Management

- Two Independent SW architectures

- How can handset producers scale SW development efforts?

Improving the User Experience

MirrorBit® Eclipse™ Architecture



Combines the advantages of NOR with Fast Write to provide a monolithic solution for flexible Code and Data storage

MirrorBit
NOR
Benefits

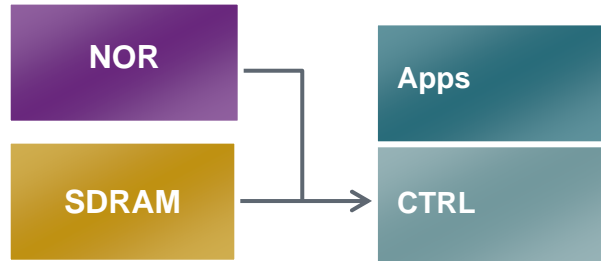
MirrorBit® Eclipse™
Solutions

- Fast Read
- Random Access
 - XiP
- High Reliability

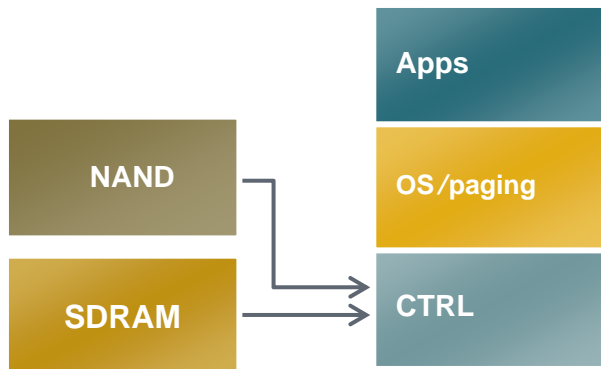
+ UP TO 10X
Faster Write

- *Unified Host Interface*
- *Improved System Performance*
- *Optimal Memory Usage*

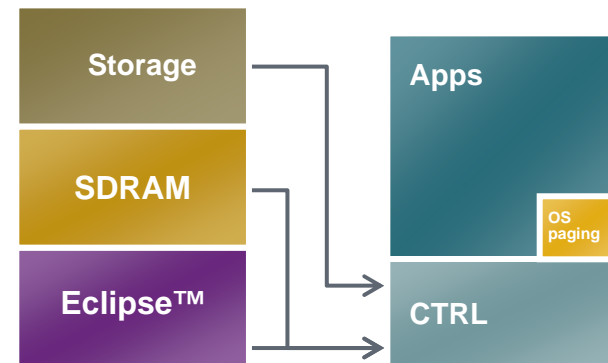
XnD: A Scalable SW Solution



Classic NVM XIP
Low PWR, Fast Response, Light System Management



Store and Download
Slow Response, Heavy System Management



XnD (NOR Paging)
Lowest PWR, Fastest Response, Most Cost Effective

XnD & MirrorBit® Eclipse™ Benefits



MirrorBit Eclipse

- Responsiveness to user
 - Faster boot and application start time
- Pay for code memory once
 - No RAM space needed for shadowed code
 - Lower power execution memory than RAM

XnD

- Fast initial + burst access
 - Faster Demand Paging capability

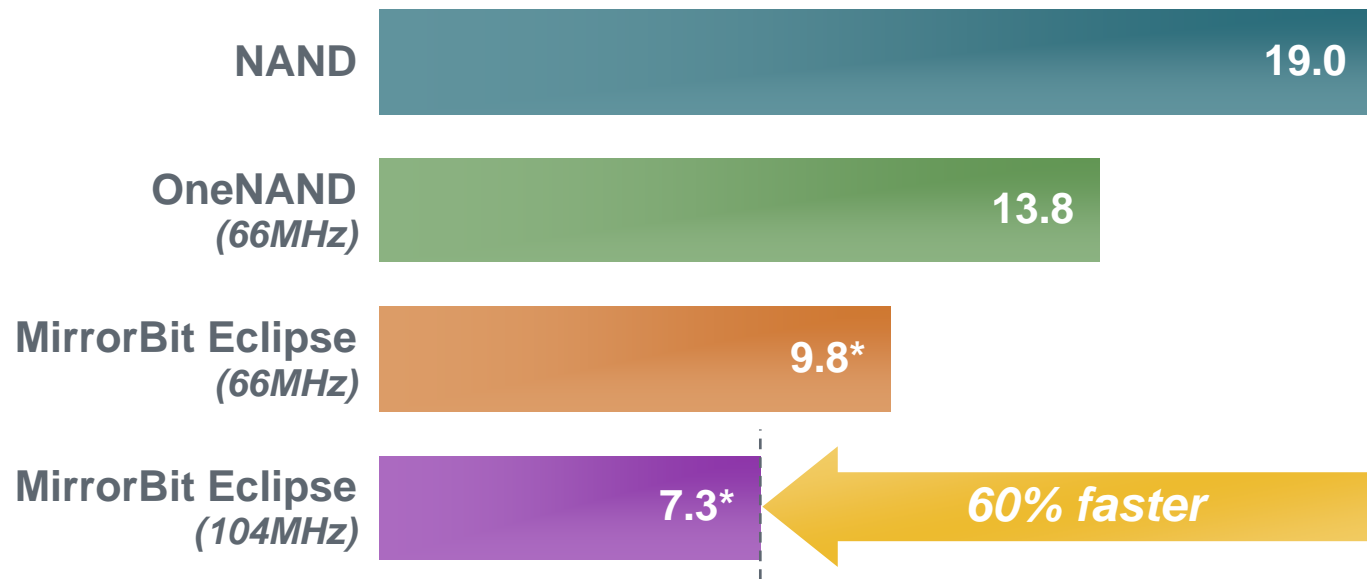
MirrorBit Eclipse

- High density
 - Enough room for code and data in one device
- Fast factory programming
 - 10x faster than traditional NOR Flash memory

MirrorBit® Eclipse™ Performance Advantage



Reduce Application Loading Time by up to 60%



Time in seconds

* Benchmark Analysis from Spansion PACE Platform

... and Faster System Boot When it Matters Most

Reduces Memory System Power Usage

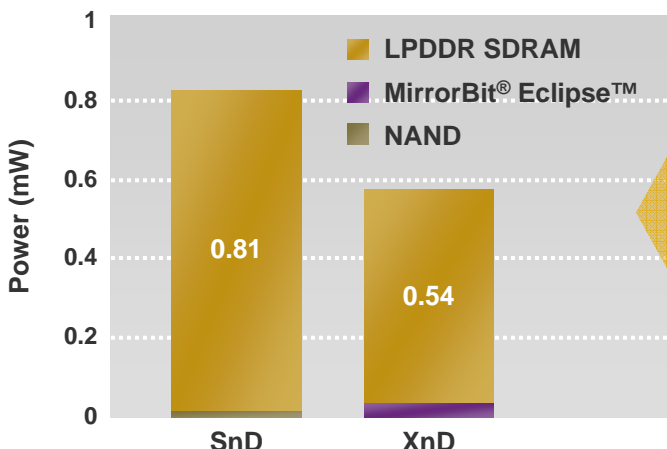


Higher Performance *and* Lower Power – Examples

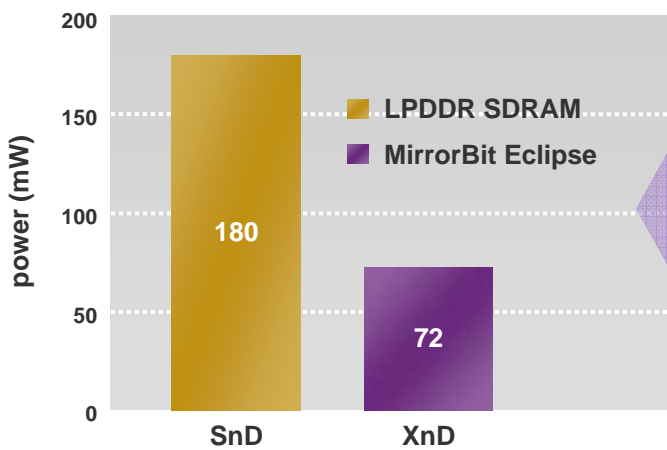


Standby Power – MirrorBit Eclipse Solution Uses 30% Less

Code Execution Power



Enables 6+ more hours phone standby time⁽¹⁾



Consumes 60% lower power during code execution⁽²⁾

Spansion estimates

(1) Calculated based on 900mA-h battery @3.6V, periodic GSM/GPRS network wake-up

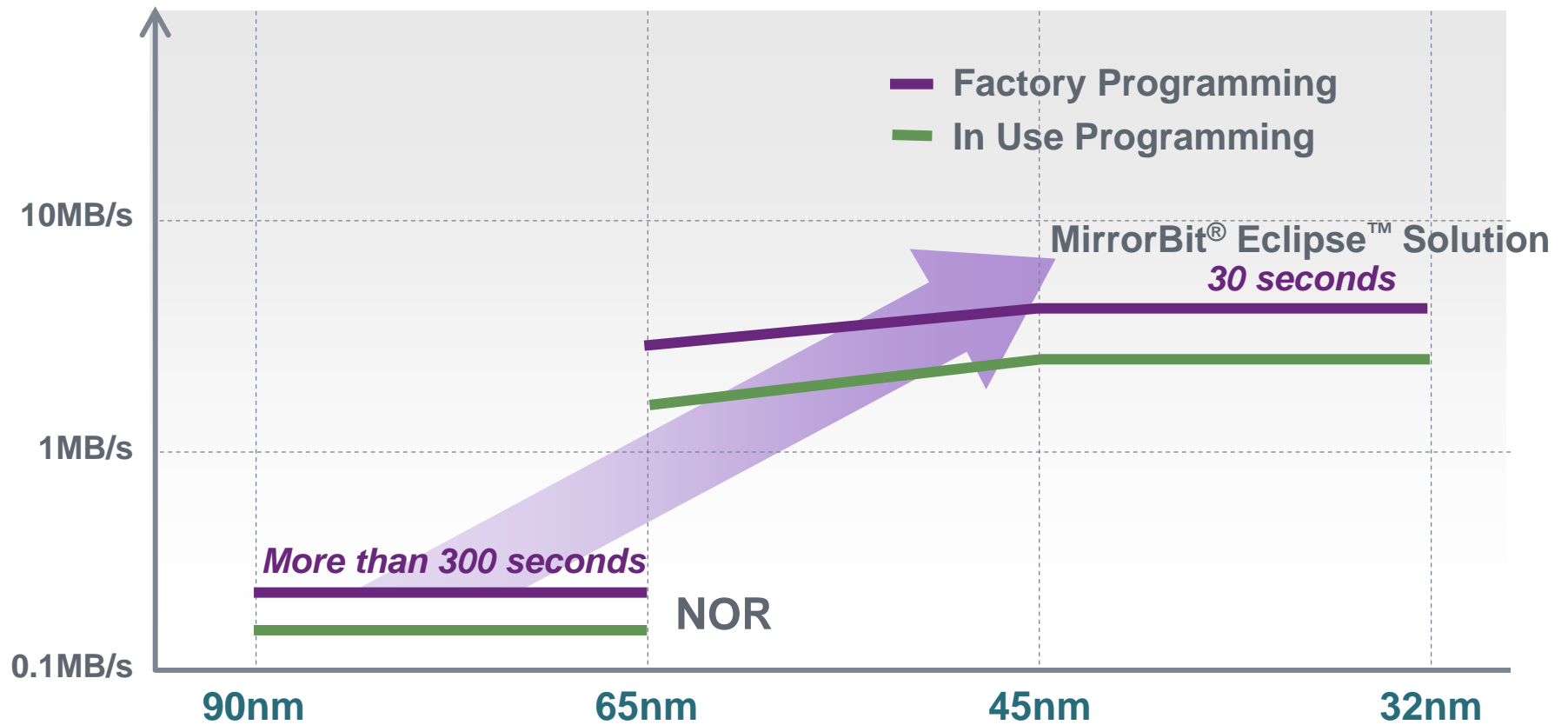
(2) Source LPDDR SDRAM (Micron), Eclipse (Spansion), NAND (Samsung)



MirrorBit® Eclipse™ Faster Programming



Programming speed



Estimates based on 512Mb density

Enormous Savings Potential for the Producer



270 seconds per phone potential programming time saved



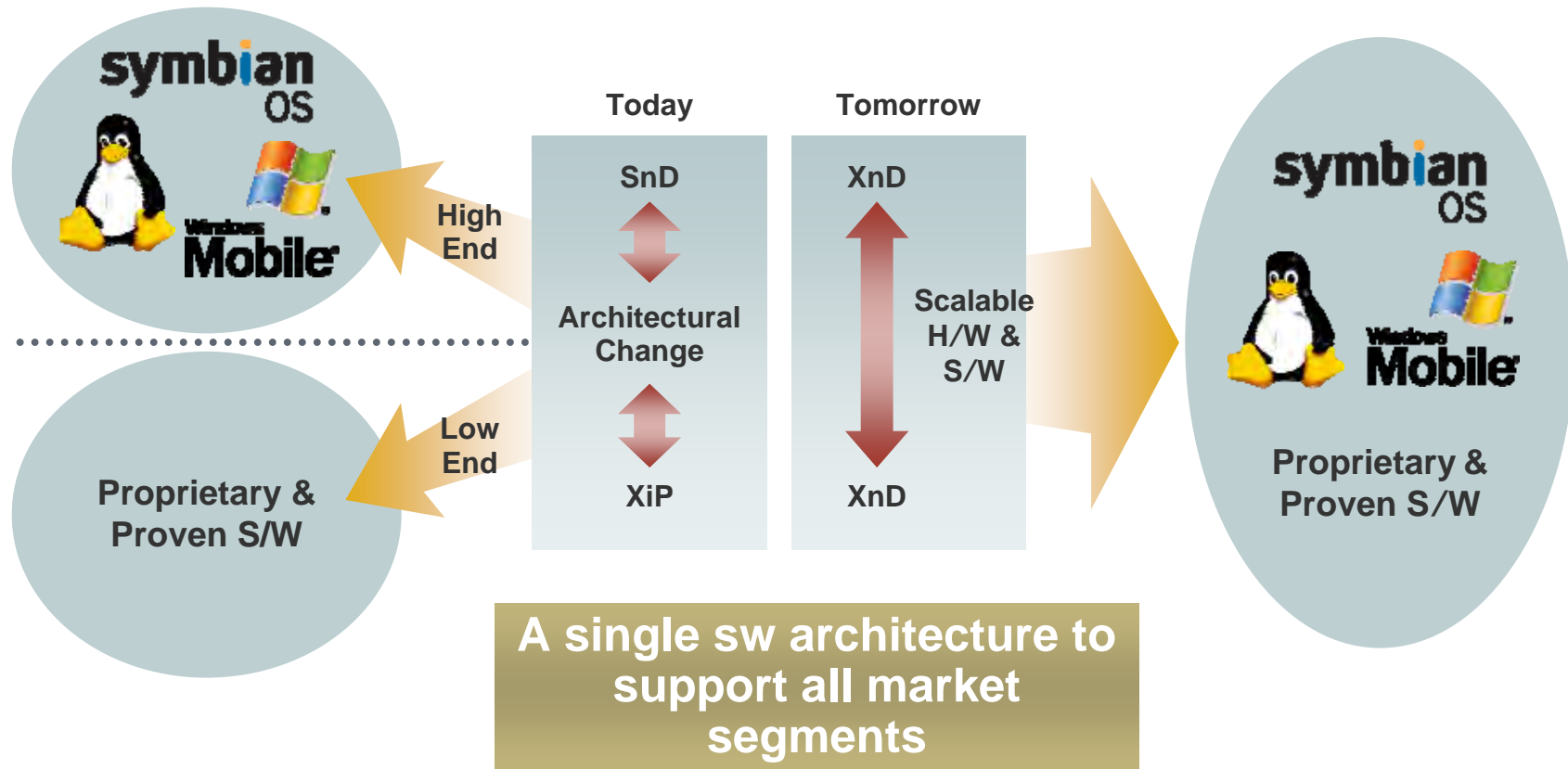
***Save ~1,000,000 hours
per month for a typical
top 5 handset vendor!!!***

- Increased throughput
- Lower variable costs
- Lower fixed costs

Easier Development for the Producer



Enabling a Scalable SW Solution



A Compelling User Experience *...for the Producer and the Consumer*



MirrorBit® Eclipse™ and XnD

High-speed
Programming

Longer
Battery
Life

Scalable
SW

Faster
Application
Switching
& Boot



Q&A



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