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"THE IMPACT OF NEW APPLICATIONS AND INCREASING **DEVICE COMPLEXITY ON THE FUTURE OF TESTING"**

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ABSTRACT

HE EMERGENCE OF CONSUMER APPLICATIONS, coupled with advances in highly integrated packages, has significantly changed both the economic equation and the technical challenges for testing new complex devices.

The wide variety of applications requiring various levels of quality and reliability, combined with their vastly different product life cycles, also poses a need to rethink the industry's historical perspective of "one size fits all".

We will explore these topics in light of current market trends and their impact on test costs and strategies moving forward.

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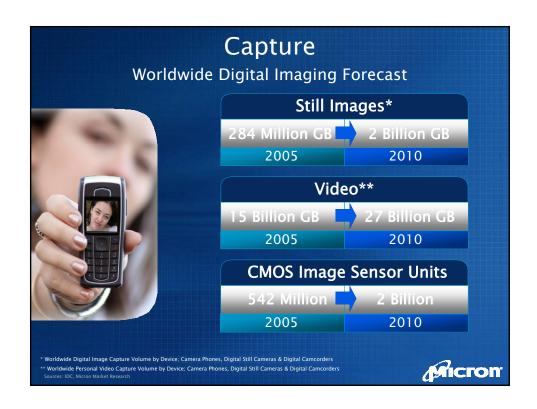




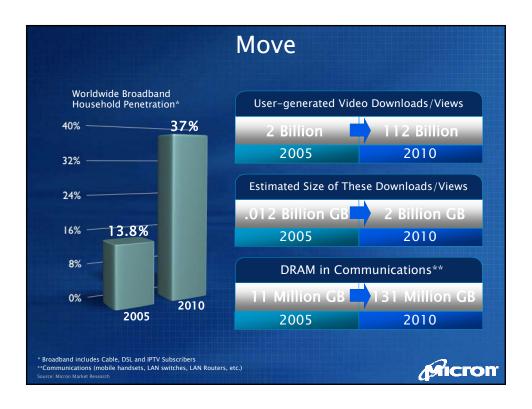


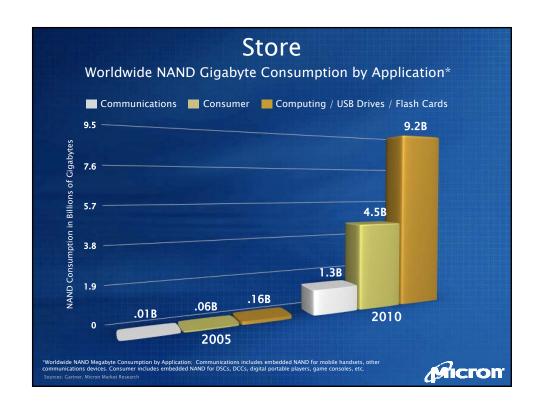




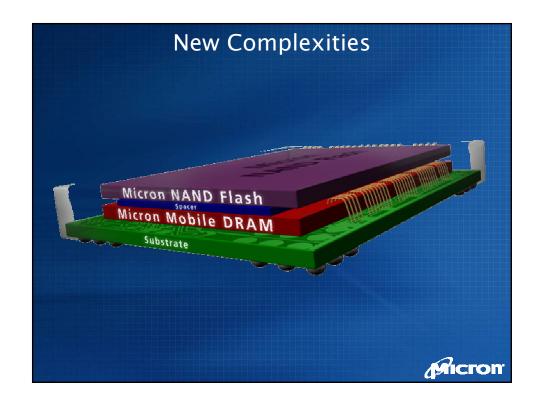


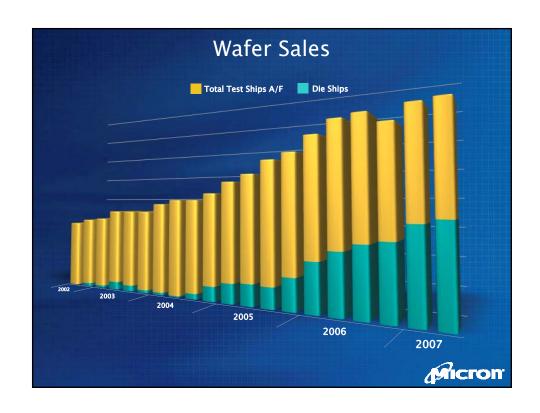












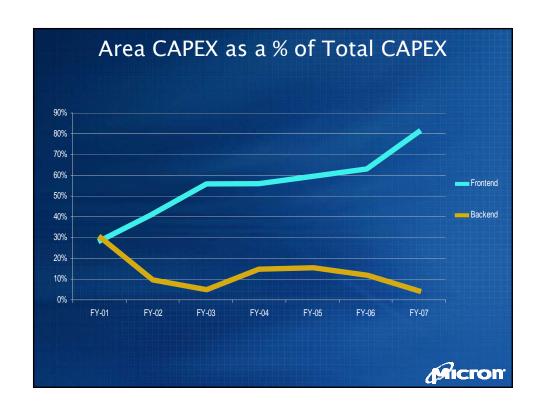




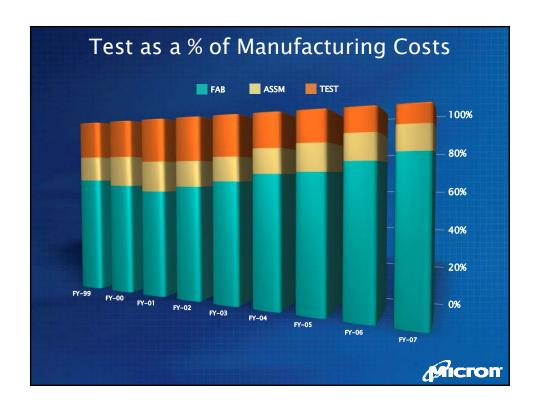


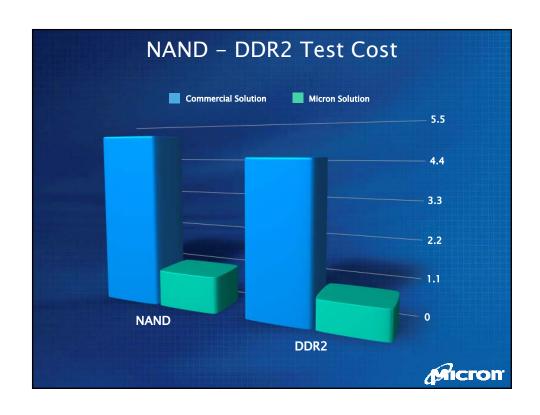




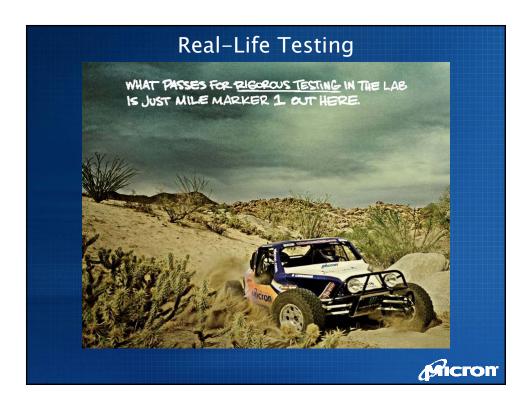












Summary

- 1. Testing today must extend beyond the lab and include real life experiences.
- 2. Not everything needs to last 100 years there is a cost to ensuring this.
- 3. Design and manufacturing groups must be joined at the hip when developing test strategies.
- 4. The consumer product cycle has made everyone an expert Get use to it.

