Embedded Tech Trends

2013: Embedded Technologies in Action

"The Business and Technology Forum for Critical Embedded Systems"

Analyst Viewpoints

Jerry Gipper, VITA

Embedded Tech Trends

2013: Embedded Technologies in Action

"The Business and Technology Forum for Critical Embedded Systems"

IMS Research

2012 Update

IMS Research: Supplier Ranking

Market Rank Estimates for Suppliers of VITA Technologies

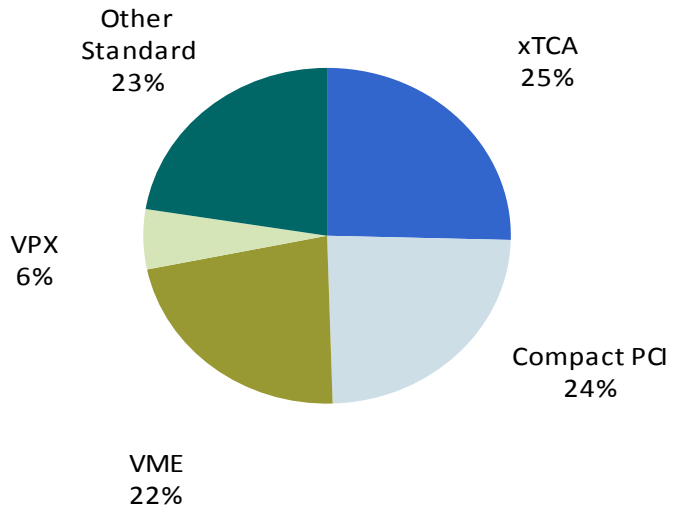
In Revenue				
Company Name	**2008**	**2009**	**2010**	**2011**
GE Intelligent Platforms	1st	1st	1st	1st
Mercury Computer Systems	5th	3rd	4th	2nd
Emerson Network Power	3rd	5th	2nd	3rd
Curtiss-Wright Control Embedded Computing	2nd	2nd	2nd	4th
Kontron	4th	4th	5th	5th
[Other Suppliers in the top 9 for 2011 include (in no order): Aitech, Concurrent Technologies, Extreme Engineering and Eurotech]				
Market Estimate	$496M	$456M	$430M	$450M

Source: IMS Research, May 2012

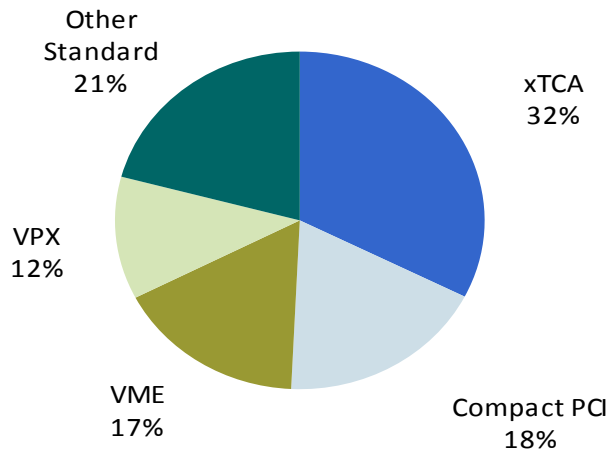
The World Market for Single Board Computers by Form Factor

Comparitive Market Size - 2012 vs 2016

2012 Total = 1.6 Bn USD



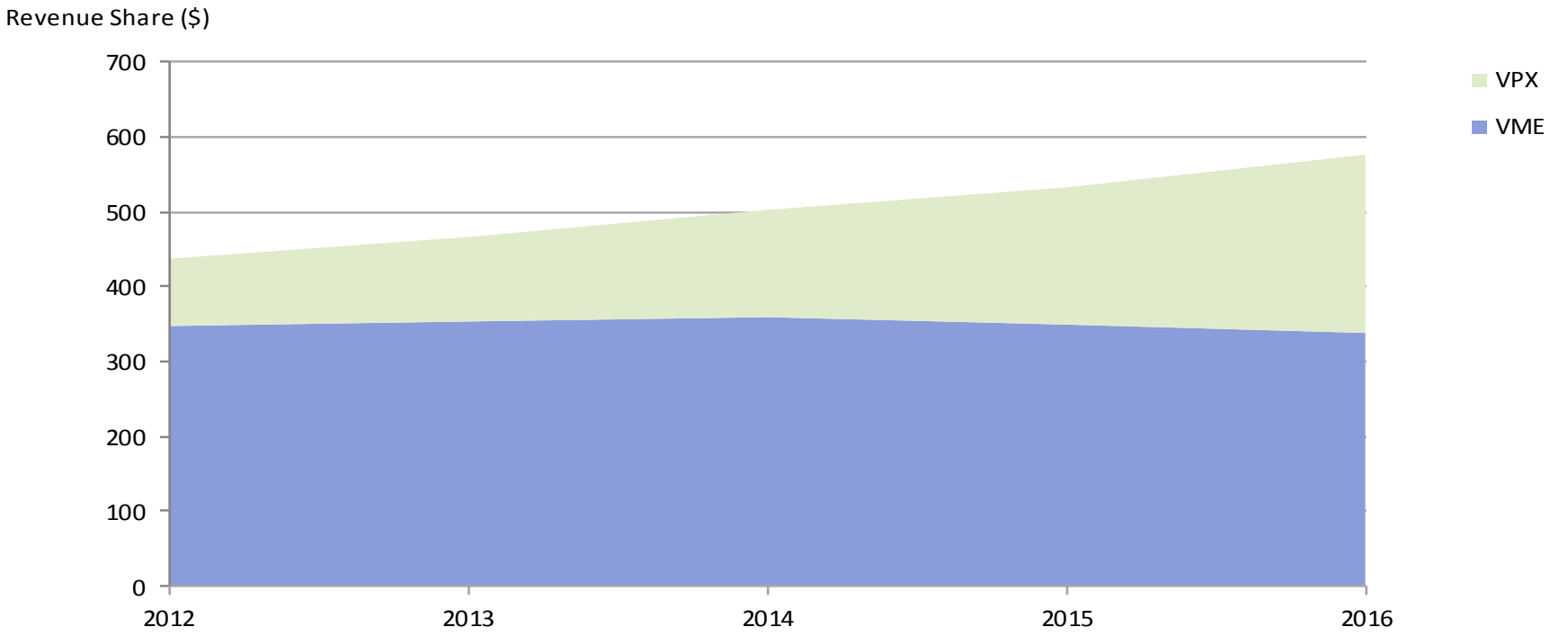
2016 Total = 2.0 Bn USD



Source: IMS Research

May-12

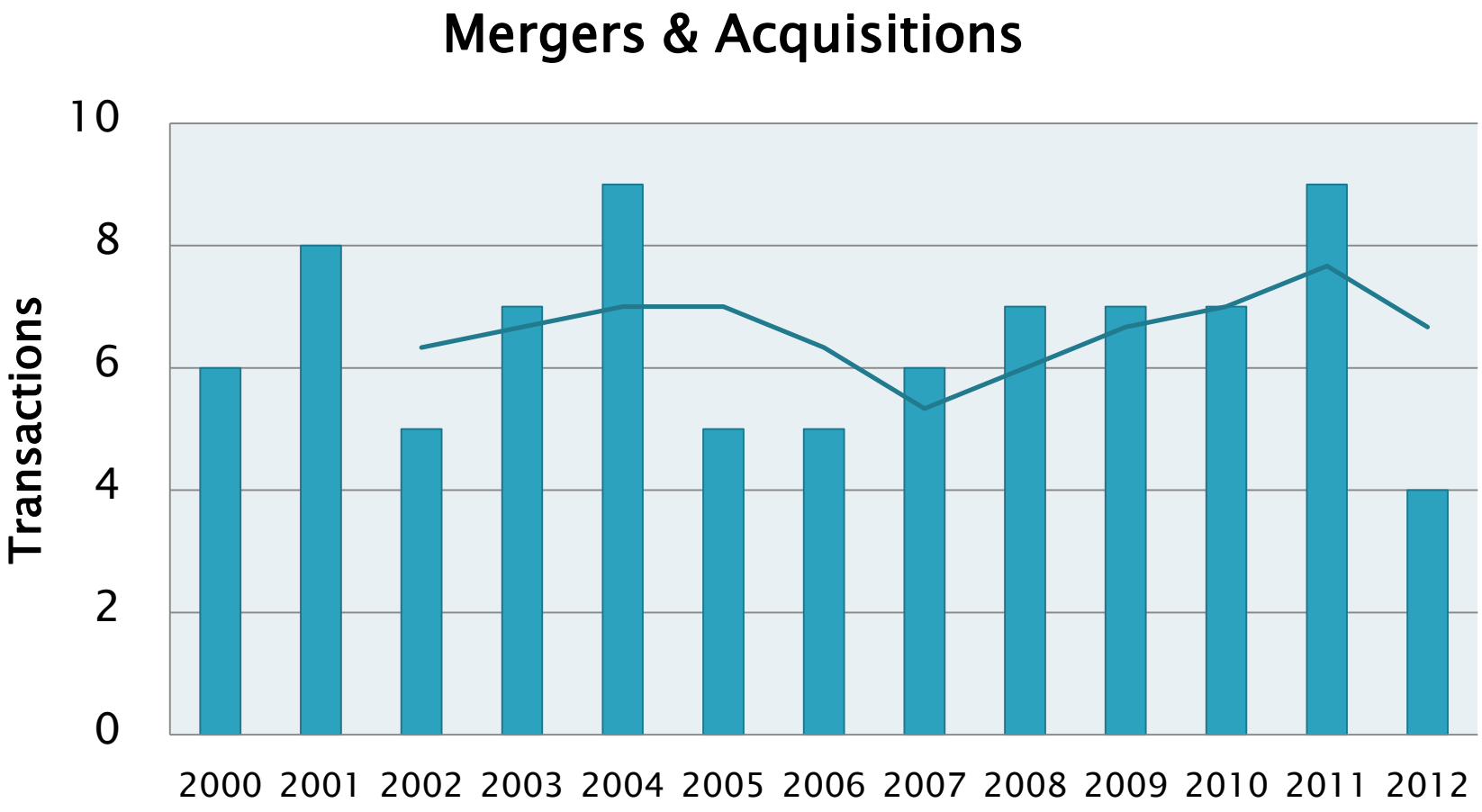
VME and VPX Changing Product Mix



Source: IMS Research

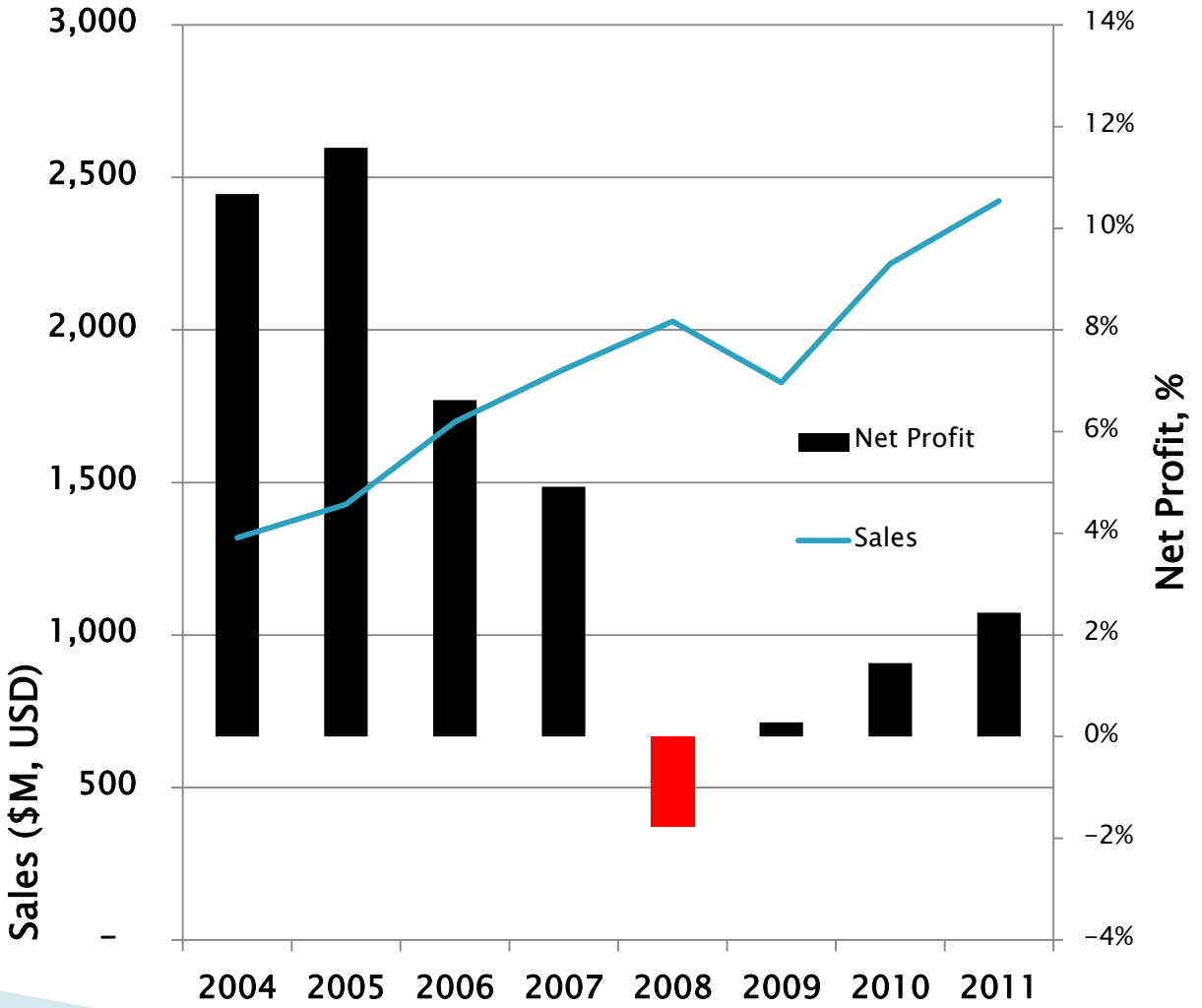
May-12

Mergers and Acquisitions



Source: Embedify LLC

Market Basket



Source: Embedify LLC

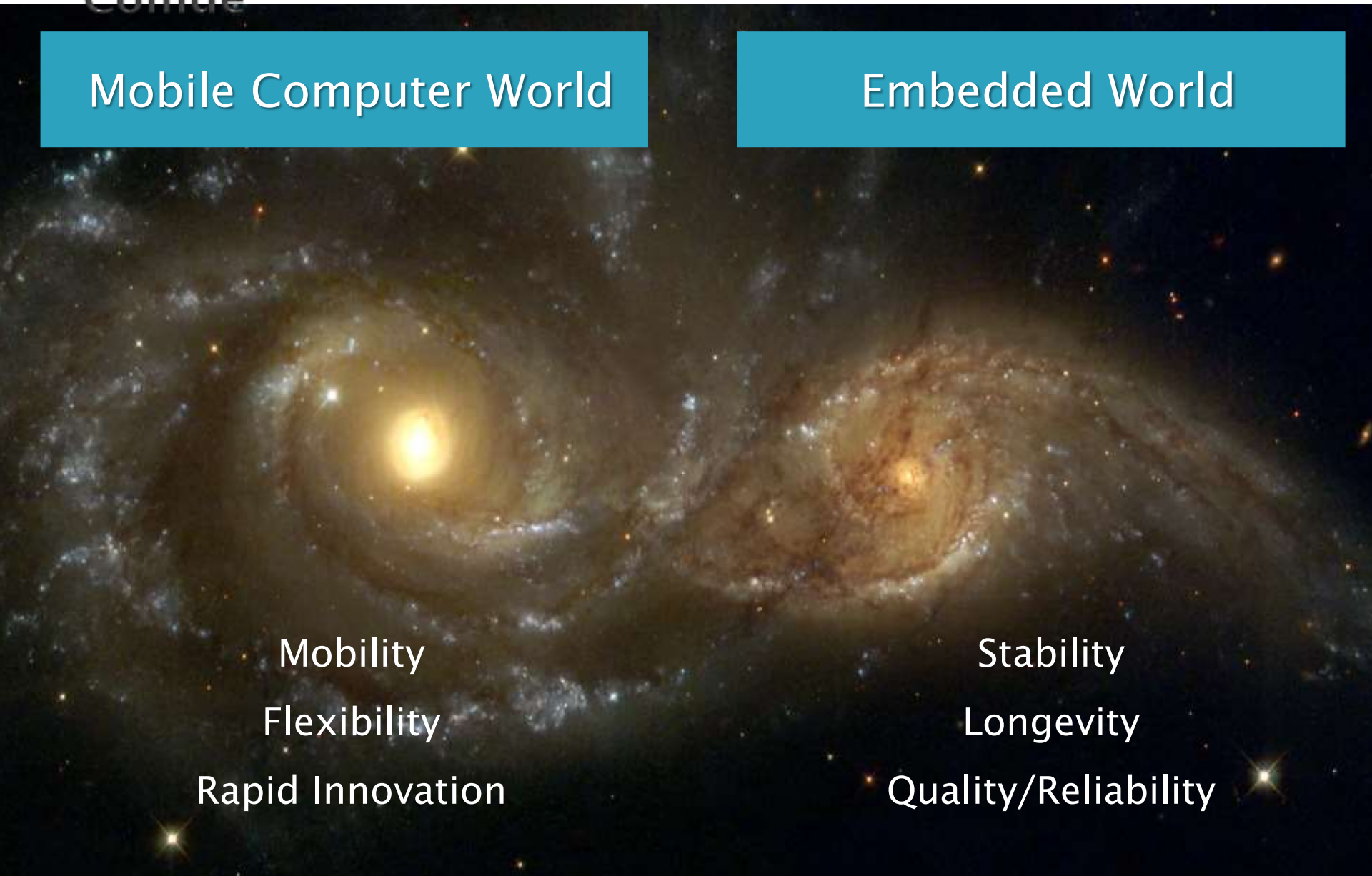
Embedded Tech Trends

2013: Embedded Technologies in Action

"The Business and Technology Forum for Critical Embedded Systems"

Intelligent Systems

Embedded World and Mobile Compute World Collide



Mobile Computer World

Mobility

Flexibility

Rapid Innovation

Embedded World

Stability

Longevity

Quality/Reliability

Result of Collision

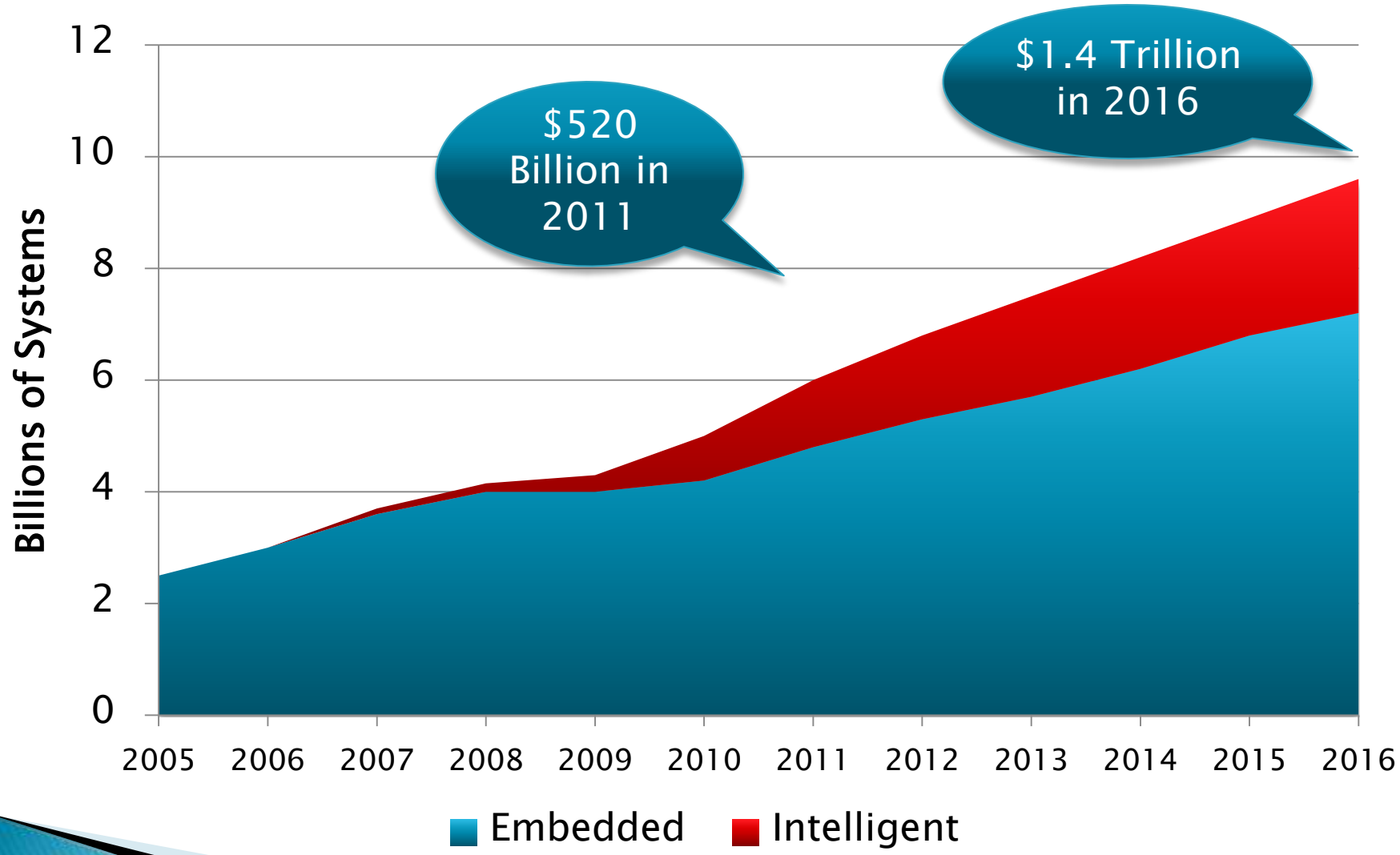
Creation of Intelligent Systems Segment

- Multi-core/Advanced Processors
- Always on/intelligent connectivity
- High-level OS and User-Machine Interface
- Data Generation and analysis

Intelligent Systems are:

- Connected
- Secure
- Managed
- Intelligent

Systems Revenue and Shipments, 2005–2016



Intelligent systems do not include PCs or mobile phones

Source: IDC 2011

Embedded Tech Trends

2013: Embedded Technologies in Action

"The Business and Technology Forum for Critical Embedded Systems"

Thank you