

Fall 2014

VSB MIS Society

Emerging Technologies & Business Models & Processes

Perspectives, Trends & Recommendations

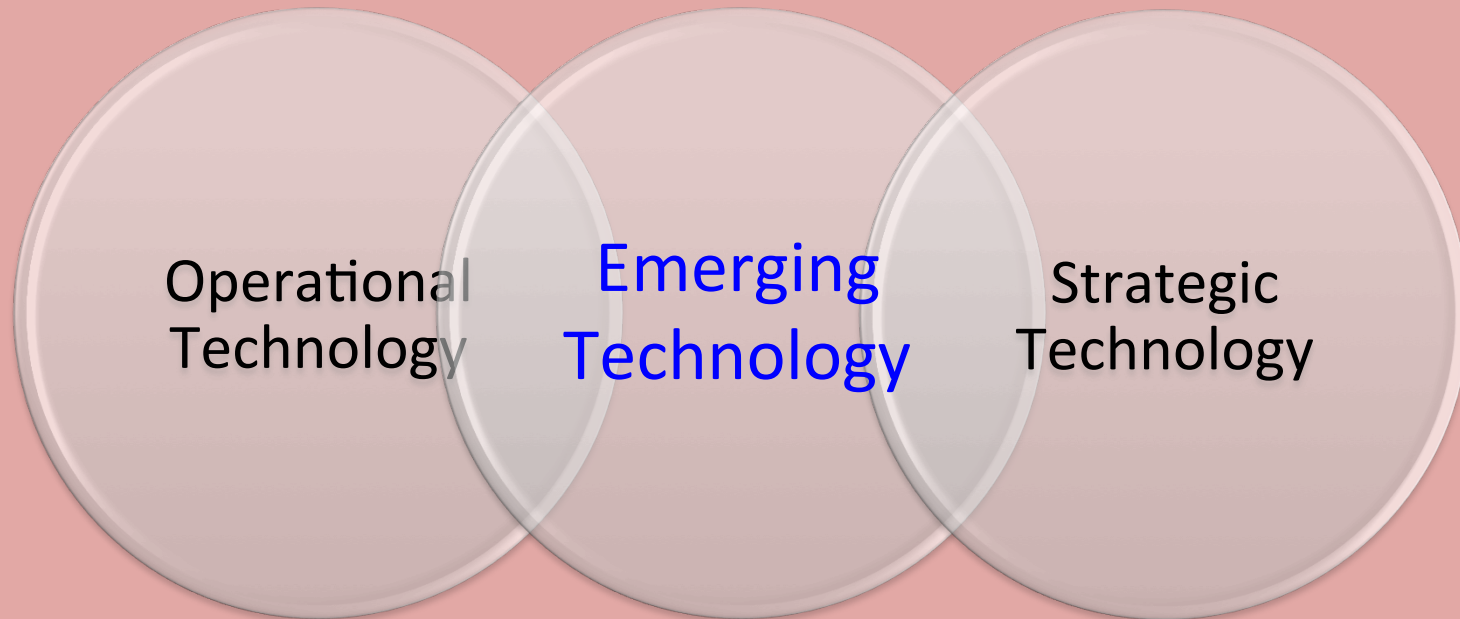
Stephen J. Andriole

The Villanova School of Business

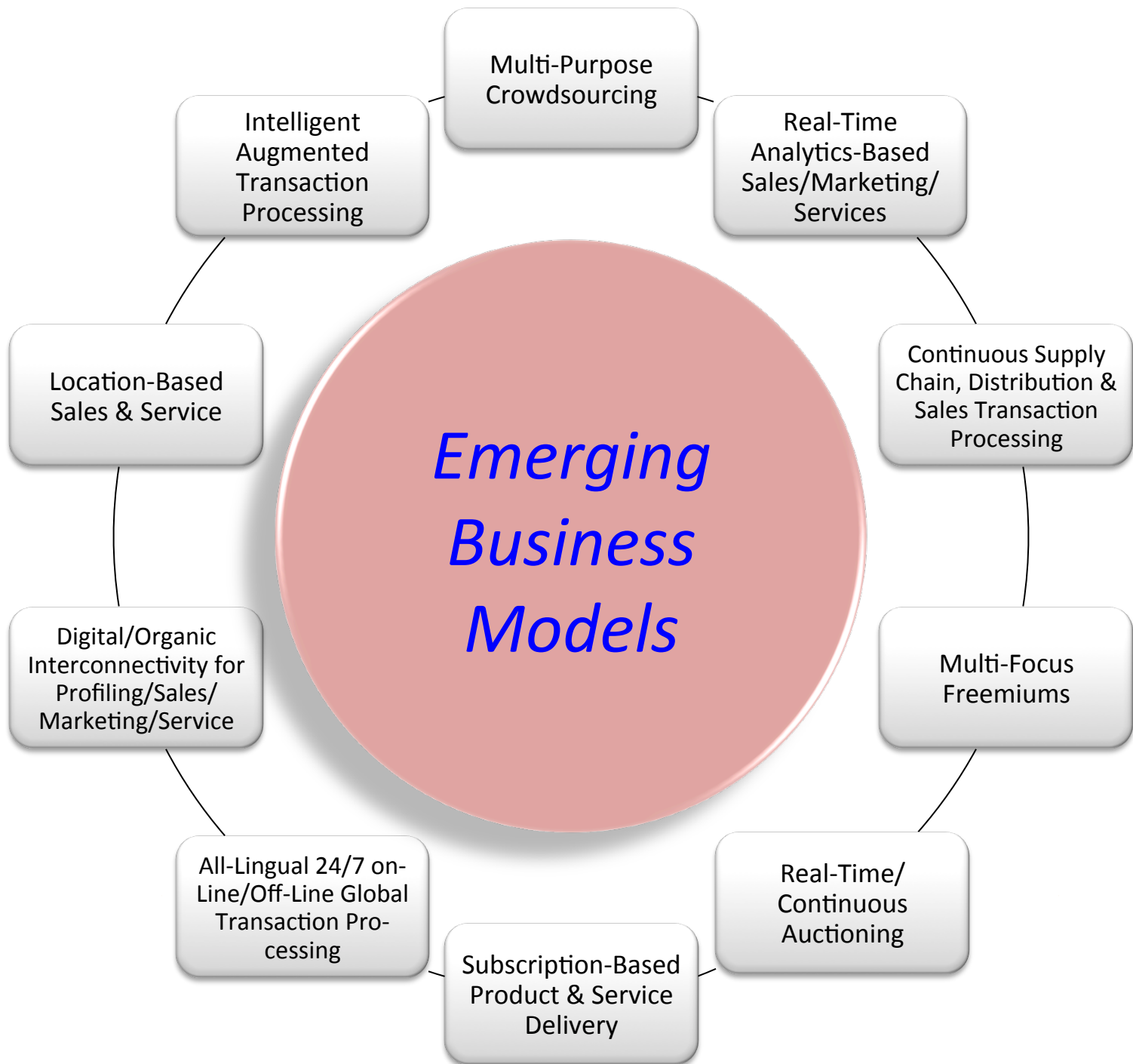
Outline

- ✓ Business Models & Processes
- ✓ Emerging Technologies
- ✓ Implications for MIS Professionals

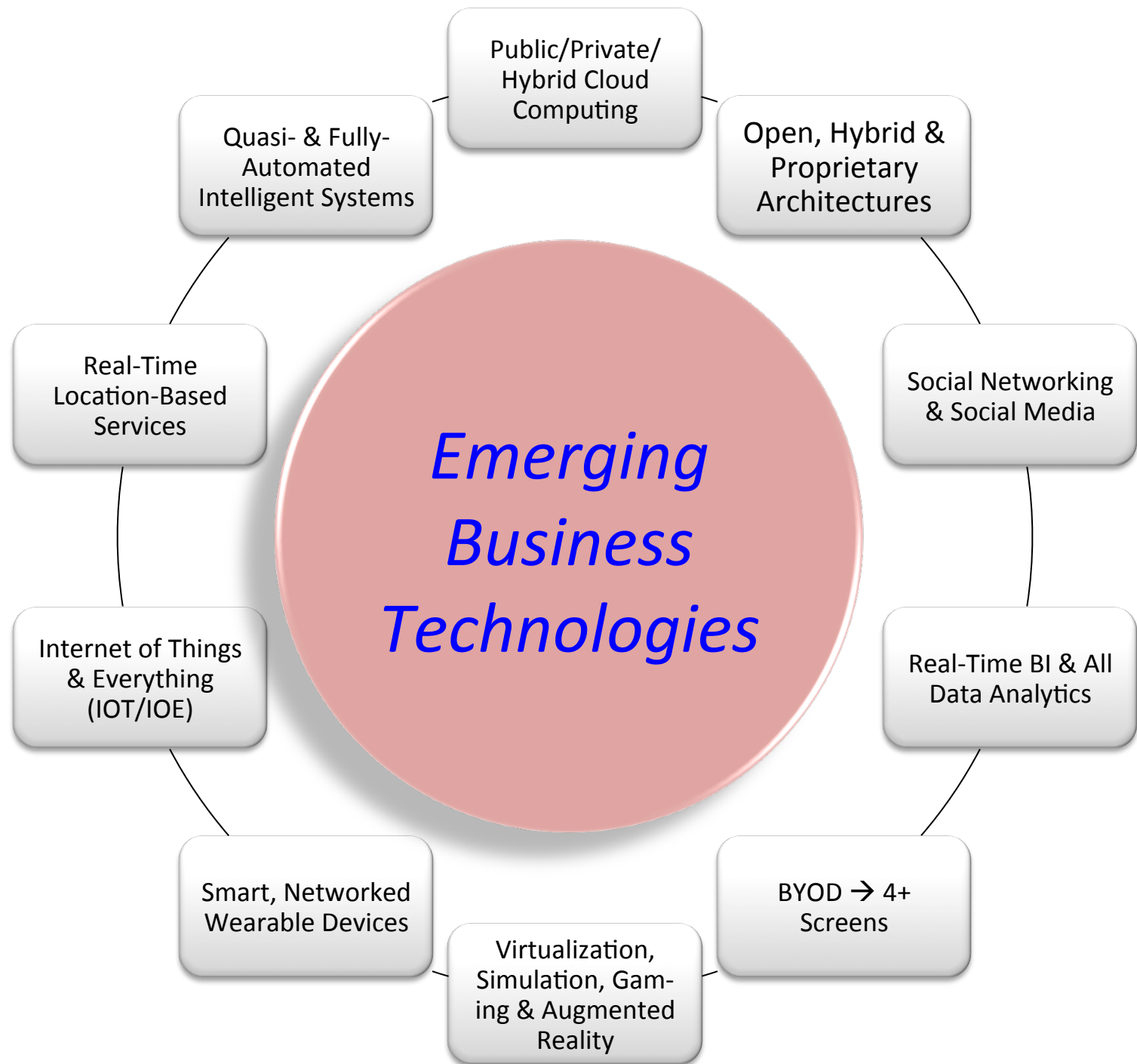
Technologies & Business Models

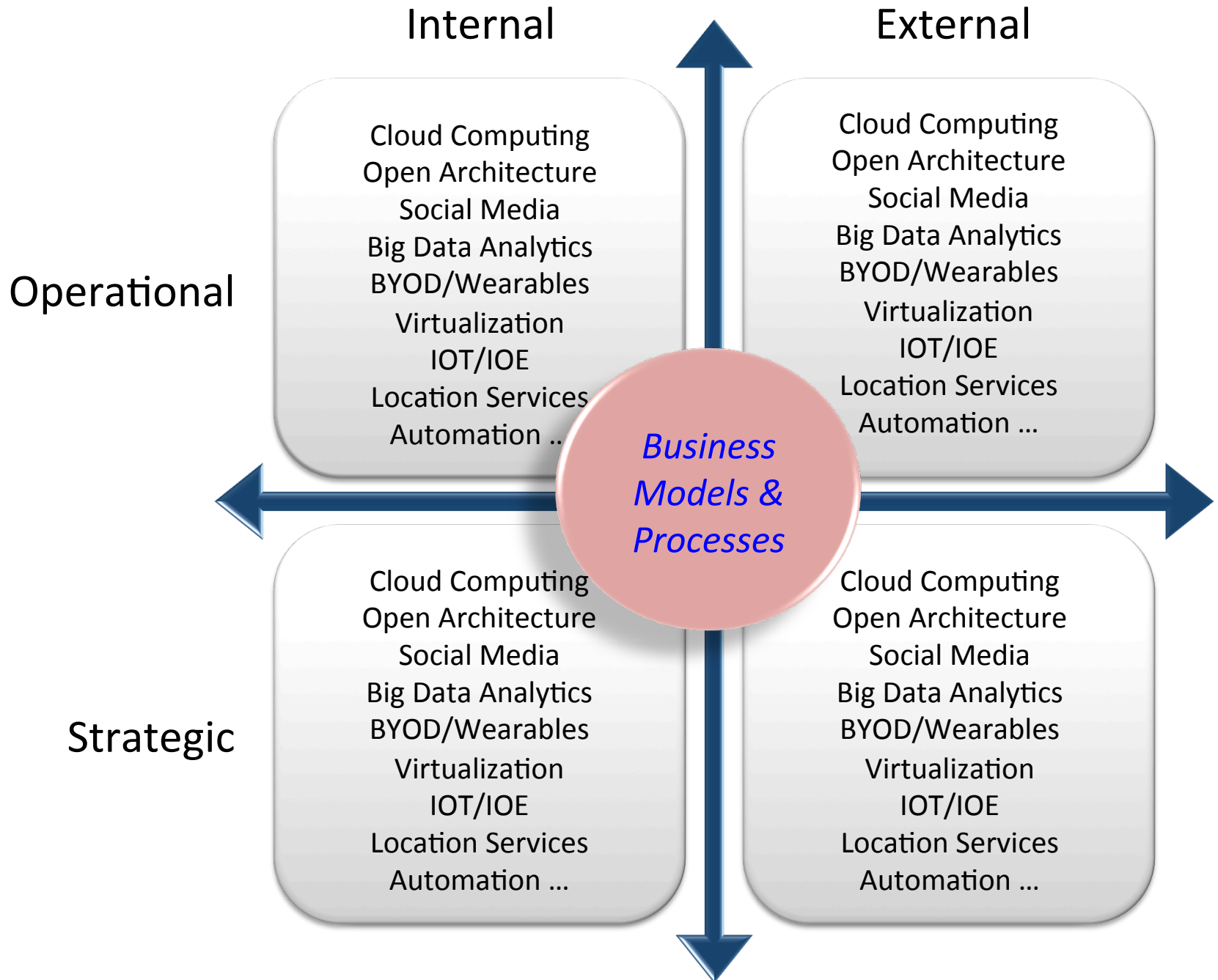


Emerging Business Models & Processes



Operational Technology	Strategic Technology	Emerging Technology
Shared Applications, Such as Accounting, Budgeting, Data Base Management & ERP	Applications that Connect to Customers, Suppliers & Partners	Technologies that Will Improve & Disrupt Operational Effectiveness
Shared Services, Such as Networks, Security, Risk Management & eMail	Business Unit (BU) Applications that Differentiate the BU in the Marketplace	Technologies that Will Improve – & Disrupt – Business Models & Processes
Shared Data Bases, Such as Customer, Manufacturing & Supplier Data Bases	Applications & Data Bases that are BU & Vertical Industry Specific	Emerging Technologies Like Big Data Analytics, Social Media & Wearables
Shared “Standard” Devices, Such as Laptops, Printers & Phones	Sourced or Customized Applications & Data Bases with Short Expected Life Spans	Emerging Operational & Strategic Digital Technology Trends & Optimal Pilots





Tracking Emerging Technologies

- ✓ Slideshare (www.slideshare.net)
- ✓ The Gartner Group (www.gartner.com)
- ✓ Forrester Research (www.forrester.com)
- ✓ International Data Corporation (www.idc.com)
- ✓ Wikipedia (www.wikipedia.org)
- ✓ Gizmag (www.gizmag.com)
- ✓ ZDNet (www.zdnet.com)
- ✓ C|Net (www.cnet.com)

Tracking Emerging Business Models

- ✓ Slideshare (www.slideshare.net)
 - <http://www.slideshare.net/oukearts/10-new-business-models-for-this-decade>
- ✓ Consultancies
 - <https://www.bcg.com/documents/file36456.pdf>
- ✓ Forrester Research (www.forrester.com)
- ✓ Wikipedia (www.wikipedia.org)

Career Implications & Opportunities

- ✓ BMPs/ETs *Will Make You Smart* – *Almost a Professional Requirement*
- ✓ BMPs/ETs Can Become *a Professional Brand*
- ✓ BMPs/ETs are *Specific Career Paths* (Internal Labs, Innovation Centers (Consultancies))
- ✓ BMPs/ETs *Stimulate Real Innovation* – New/Improved Business Models, Processes & Technologies for Competitive Advantage
- ✓ BMPs/ETs *Launch Start-Ups*
- ✓ BMPs/ETs are *Dynamic, Interesting & Stimulating ...*

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Thank You!