



### Our Mission...

Strategic management consulting for competitive advantage in global markets

CIMdata is the leading independent global strategic management consulting and research authority focused exclusively on the PLM market.

We are dedicated to maximizing our clients' ability to design and deliver innovative products and services through the application of PLM.

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## About Myself...

Diverse experiences in doing innovation and leading innovation

- 25+ years of experience in technology and product development, innovation management, implementation of strategic innovation capabilities, including modeling and simulation (M&S), open innovation, knowledge management and social technologies, and driving change and adoption through my career at P&G and consulting practice there after
- Worked with or benchmarked best-in-class companies in diverse industries including consumer goods, material suppliers, IT technology, auto, airline, and pharmaceuticals, to source technology and to identify best practices and new approaches for cultivating innovation and innovation productivity
- Education background: Chemical Engineering

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## Webinar Outline

- Background Why today's topic is important
- Definitions, framework and prerequisites
- How to create better ideas Lessons learned
- Technology and tools for ideation
- Final thoughts
- Q & A

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## Background

Enterprises must reevaluate how they innovate! (1 of 2)

- Acceleration of everything!
  - Networked economy
  - Erosion of traditional boundaries between industries and companies
  - Technology advancements (Social, Cloud, Sensors, 3D Printing, Inter of Things -> Everything)
  - A new era of innovation with connected & smart products
- More than ever innovation is a "must"
- Businesses are desperately seeking better ways to understand, prepare for and manage innovation effectively



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## Background

Ideation and idea management are key to innovating effectively (2 of 2)

- To be competitive organizations need to be more innovative and distinctive in their offerings
- To make this happen they need to have systemic practices to
  - Generate richer ideas to feed their innovation pipeline
  - Test and fail ideas faster and more affordably to decide most appealing ones to include in their portfolio
  - Solve problems faster

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## **Ideation & Idea Management**

### **Definitions**

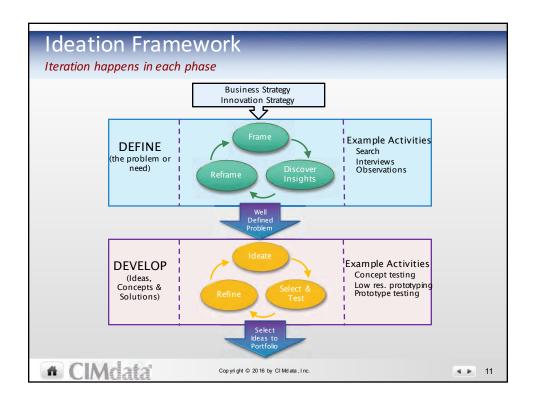
- <u>Ideation</u>: Processes and tools to define, capture, manage, and prioritize a set of "ideas" for
  - New products and/or services
  - Improvement to existing products and/or services
  - New technologies and capabilities
  - Problem solving during product development
- <u>Idea Management</u>: Organizing and updating well-defined ideas aimed at creating "new value" in a database with clear articulation of the value proposition for each idea with supporting evidence

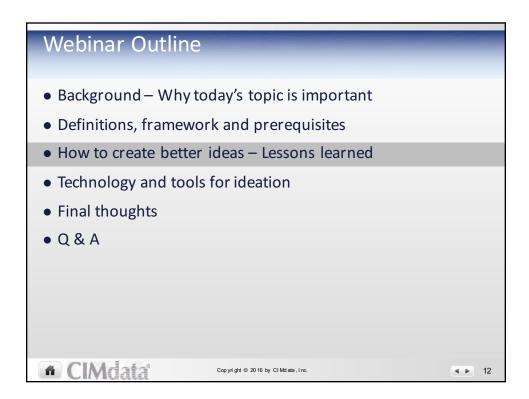
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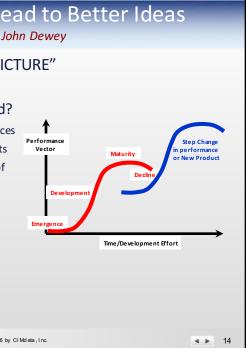


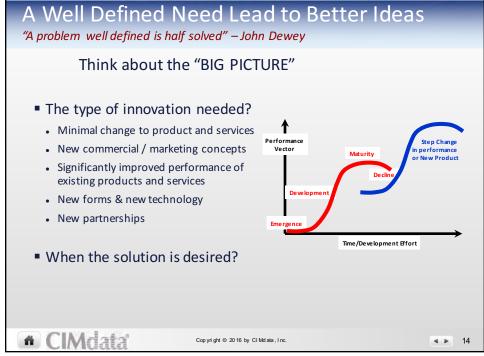
## Two Important Prerequisites

For success of ideation and innovation

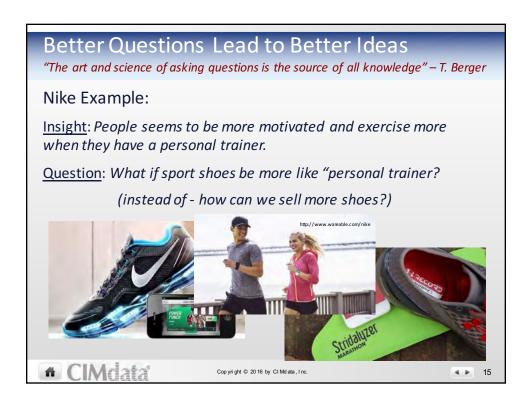
- Visible support by top management
  - Provide strategic goals and resources
  - Engage in establishing decision criteria and decision making
  - Encourage the right culture, e.g., risk taking, experimenting and learning from failure
- Having an Idea Management Core Team
  - Reports to top management
  - Orchestrates the ideation process and makes recommendations
  - Have the right mix of creative and divergent, and analytical and convergent thinking styles
  - Have domain/functional expertise diversity, e.g., Marketing, Consumer, Design, Technology, etc.











## Quantity Leads to Quality: Generate Lots of Ideas "I have not failed. I've just found 10,000 ways that won't work" - Thomas A. Edison "Ideation" should not live in its own silo Do not limit ideation to your core team or organization Innovate at the seams by searching and inviting insights and ideas from diverse sources Bring external in, i.e., consumers, suppliers, academia, students, etc.

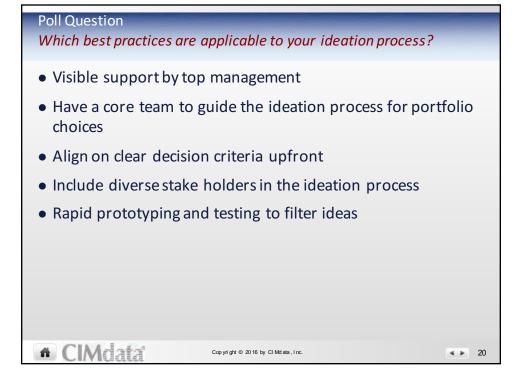


## Diversity of Thinking Leads to Better Ideas "Cannot solve problems with the same thinking that created them" - A. Einstein • Get inspiration from diverse sources, collect insights and data and landscape around the need Ask questions like • What are customers' need What are trends? · What is the size of the market? • Who are the players? Where are they playing? What are they doing? How are they doing? Prof. Ron Burt's (University of · Do we have a competitive advantage? Chicago) empirical study showing that people with more diverse sources of information generated consistently better ideas CIMdata **♦** ▶ 17









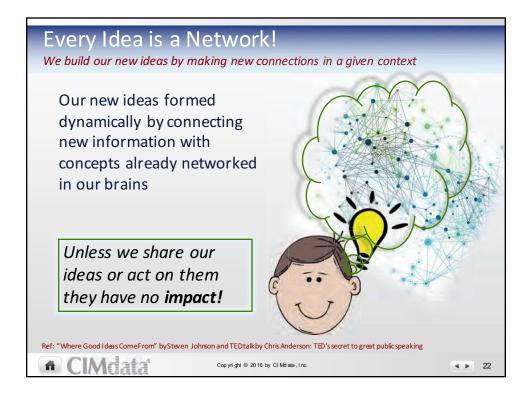


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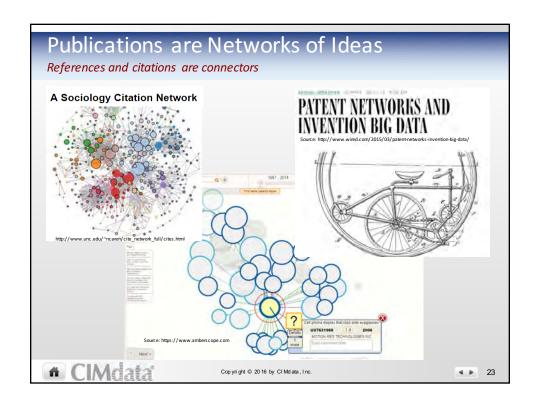
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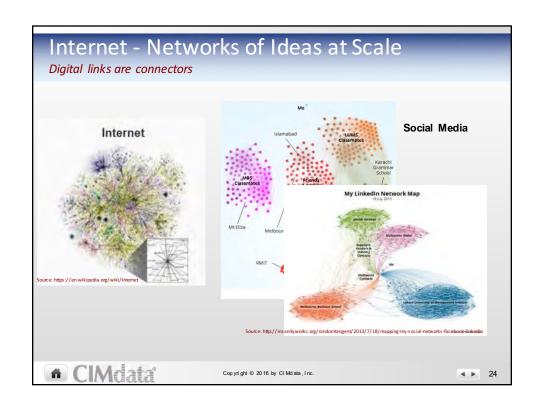
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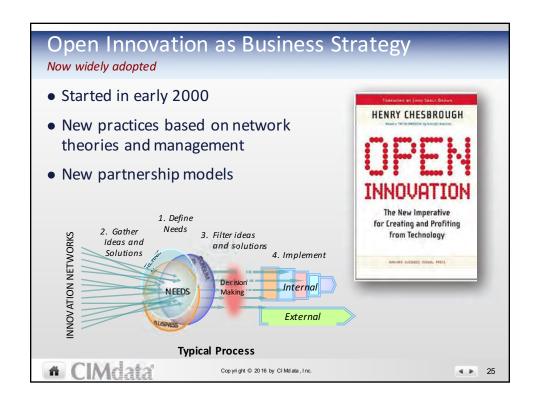












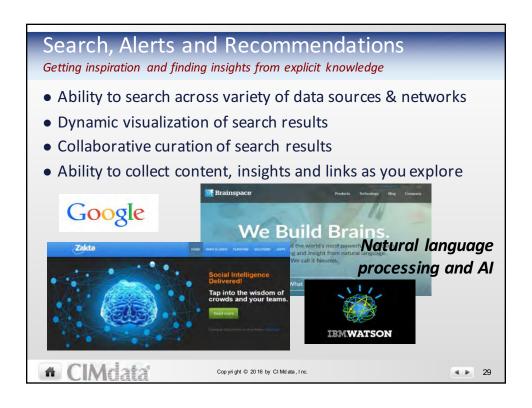








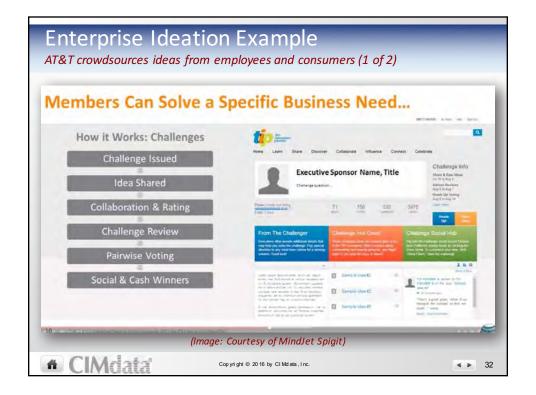




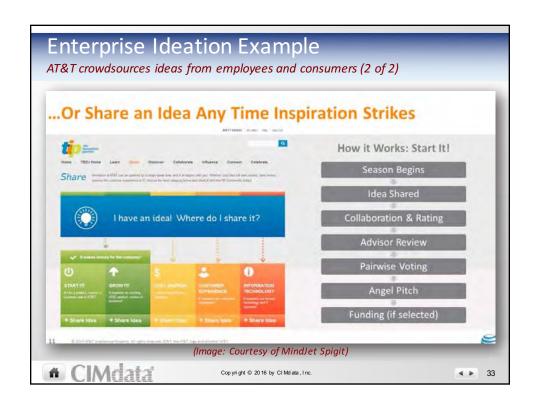


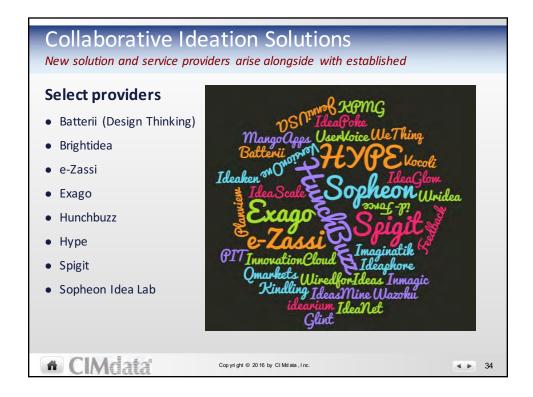














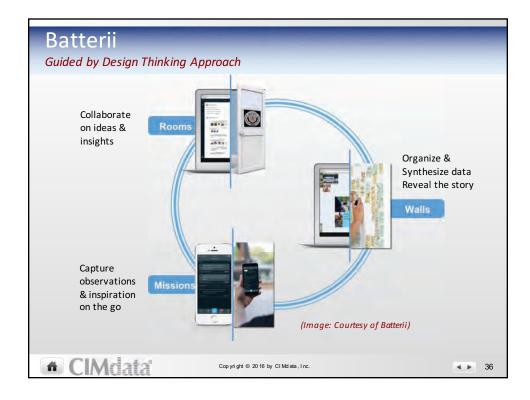
## Collaborative Ideation Solutions

Typical features that are combined with unique value propositions

- Support many of the ideation "lessons learned"
- Generally cloud based, SaaS
- Dashboard / Landing Page
- Provide workflow guidance
- Templated idea submission
- Idea evaluation with rating and comments
- Community building, gaming, awards, credits
- Analytics & idea advancement

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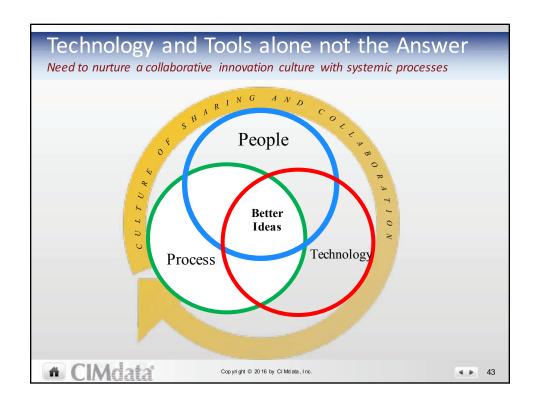






## Poll Question Which type of approaches and tools do you use in your ideation? Have a structured Open Innovation initiative Use digital crowdsourcing ideation platforms to engage employees Use digital crowdsourcing ideation platforms to engage customers Have a dedicated facility for customer engagement Have dedicated facility for rapid prototyping and testing









# Webinar Outline Background – Why today's topic is important Definitions, framework and prerequisites How to create better ideas – Lessons learned Technology and tools for ideation Final thoughts Q & A

## A Few Final Thoughts Ideation and idea management is a balance of creative divergence and criteria based convergence Lesson learned are applicable to people to people ideation activities as well as to digital approaches Enterprises have to consider digital approaches to create scale and efficiencies in their idea management process Need to align tools and technology choices with strategy and culture



## Join the conversation at CIMdata Workshop

May 25, 2016 | The Biltmore Inn & Suites, Santa Clara, CA

Where do "Good Ideas" come from? - Strategies and tools to innovate better, and grow faster and more efficiently in today's connected economy

### Agenda highlights:

- Collaborative Forecasting Games: A Crowd's View of the Future Presenter: Sean Ness, Institute For the Future
- Convening Brilliance and Redefining What's Possible
   Presenter: Dyan Finkhousen, Director of Open Innovation & Advanced Manufacturing, GE
- Design Thinking in Medical Device Innovation
   Presenter: Mary Beth Privitera, Director, Medical Device Innovation and Entrepreneurship Program, University of Cincinnati
- Make PLM Your Enterprise-Wide Collective Intelligence Platform
   Presenters: Gary Markovits, Co-founder & CEO, Innovation Business Partners
- Panel discussion with our presenters, and executives from Google, Aras and Spigit



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## For More Information, Contact... We look forward to hearing from you

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