



IT TRENDS AND PREDICTIONS FOR 2016

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START TIME: 5 MINUTES AFTER THE HOUR
WE'LL GO FOR 20 MINUTES UNTIL 25 PAST



**A Conferencing Tips
Webinar with Brad Volin,
President of Adigo**



AGENDA

- Intro's
- Defining IT terms
- Top Trends and Predictions
- Questions

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INTRODUCTIONS

- President, Adigo
- Experience at Public and Private companies

- **Trend most excited for:**

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IT TERMS DEFINED

- **DX:** Digital Transformation
- **The Cloud:** A communications network. The word "cloud" often refers to the Internet, and more precisely to a datacenter full of servers that is connected to the Internet. A cloud can be a wide area network (WAN) like the public Internet or a private, national or global network. The term can also refer to a local area network (LAN) within an organization.
- **IoT:** Internet of Things. The ever-growing network of physical objects that feature an IP address for internet connectivity, and the communication that occurs between these objects and other Internet-enabled devices and systems.
- **Big Data:** Extremely large data sets that may be analyzed computationally to reveal patterns, trends, and associations, especially relating to human behavior and interactions.

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IT TRENDS PROVIDED BY

- **IDC:** International Data Corporation. Global provider of market intelligence, advisory services, and events for the information technology, telecommunications, and consumer technology markets.
- **Forrester:** Global research and advisory firm.
- **Gartner:** World leader in information technology research and advisory company.

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PREDICTION #1: DX ECONOMY



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PREDICTION #1: DX ECONOMY

- **Digital transformation will define business success**
 - IDC predicts the emergence of the “DX economy,” estimating that enterprises’ commitment to digital transformation on a massive scale will drive more than half of enterprise IT spending within the next 24 months.
 - By 2018, 67% of the CEOs of Global 2000 enterprises will have digital transformation at the center of their corporate strategy and will actively participate in the recruitment of the best software developers, as software development becomes a critical success factor in the DX economy (IDC).

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THE DX ECONOMY

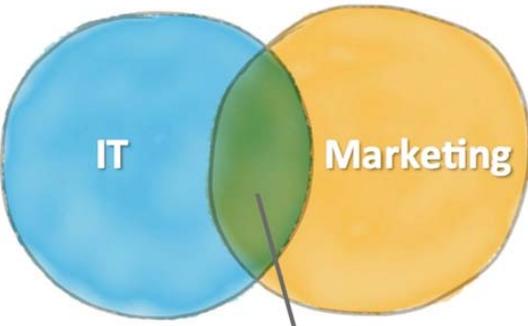
“We are approaching a fork in the road where companies can either make the hard changes to dramatically improve their chances to win in the market or preserve old models and defer transforming their operations at the risk of failure.”

–Forrester Research

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PREDICTION #2: LEADERSHIP ROLES



all the really cool stuff for a Chief Digital Officer

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PREDICTION #2: LEADERSHIP ROLES

- **The roles and activities of CxOs will be re-defined**
 - There will be the emergence of a new executive position, the Chief Digital Officer or CDO.
 - CIOs (Chief Information Officers) will have to adapt to an increasingly market-facing role, developing and maintaining internal relationships, partnering with business executives and reaching out to the software developers working in the business units (IDC).

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PREDICTION #3: THE ROLE OF IT



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PREDICTION #3: THE ROLE OF IT

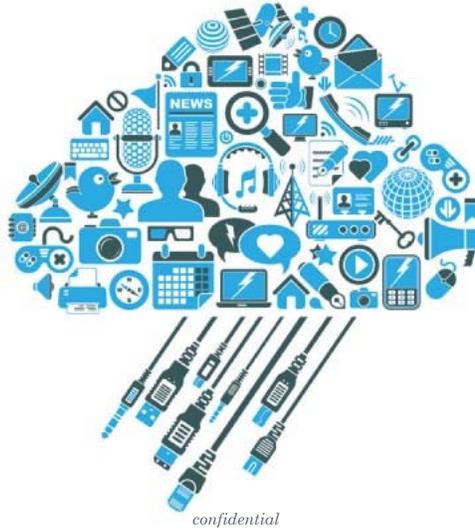
○ **IT transformation will bring new challenges and opportunities**

- “By 2017, the typical IT organization will spend up to 30% of its budget on risk, security and compliance, and will allocate 10% of their people to these security functions.” (Gartner)
- By 2018, enterprises pursuing digital transformation initiatives will more than double the size of their software development teams, focusing those developers almost entirely on digital initiatives (Forrester).
- Access to talent and the ability to hire the right people at the right place will become a huge competitive differentiator (Forrester).
- By 2020, IDC predicts that nearly a third of today's IT suppliers will be acquired, merged, downsized, or significantly repositioned.

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PREDICTION #4: THE CLOUD



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PREDICTION #4: THE CLOUD

o **The cloud will become core IT**

- The most “functionally-rich IT offerings” will be found in the cloud (IDC).
- Enterprises with advanced DX initiatives will create and/or partner with industry cloud platforms to scale up their digital supply and distribution networks (IDC).
- IDC predicts that the number of industry clouds will reach 500 or more by 2018, up from today's 100-plus.
- By 2018, at least 50% of IT spending will be cloud based.

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PREDICTION #5: BIG DATA



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PREDICTION #5: BIG DATA

○ **Big data analytics will make a bigger impact**

- Success in the DX economy will depend on the ability to build robust "data pipelines" that flow both in and out of the enterprise (IDC).
- Leaders will use analytics as a competitive asset to deliver personalized services across human and digital touch points (Forrester).

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PREDICTION #7: AI AND ROBOTICS



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PREDICTION #7: AI AND ROBOTICS

○ **Artificial Intelligence (AI) and robotics will play a key role in the next decade.**

- By 2018, at least 20% of all workers will use automated assistance technologies to make decisions and get work done (IDC).
- By 2020, autonomous software agents outside of human control will participate in 5% of all economic transactions (Gartner).
- By 2018, more than 3 million workers globally will be supervised by a "robo-boss." Supervisory duties will increasingly shift into monitoring worker accomplishment through measurements of performance that are directly tied to output and customer evaluation (Gartner).
- By 2020, there will be 5X increase in the capability of robots in manufacturing (IDC).

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PREDICTION #8: CUSTOMER EXPERIENCE

- **Companies will thrive or fail in the age of the customer (Forrester)**
 - 2016 will prove to be the most consequential year for companies adapting to digitally savvy, empowered customers.
 - Customers will reward companies that anticipate their individual needs and punish those that have to relearn basic information at each touch point.
 - Companies that find ways for customers to participate with their brand and in product design will experience new and powerful levels of affinity.
 - Leaders will extend privacy from a risk and legal consideration to a more consumer-sided position to win customers.

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RESOURCES FOR IT TRENDS & PREDICTIONS

Straight Talk

- <http://straighttalk.hcltech.com/top-technology-and-it-trends-2016-and-beyond>

Forbes Magazine

- <http://www.forbes.com/sites/gilpress/2015/11/10/transform-or-die-idcs-top-technology-predictions-for-2016/8/>

IDC

- <https://www.idc.com/getdoc.jsp?containerId=prUS40552015>

Garner

- <http://www.gartner.com/newsroom/id/3143718>

Forrester

- <https://www.forrester.com/Companies+Will+Thrive+And+Fail+In+The+Age+Of+The+Customer+In+2016/-/E-PRE8724>

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CONNECT

Brad Volin, 888-552-3446, bvolin@adigo.com

<http://linkedin.com/in/bradvolin>

How helpful was this? 1 (not much) – 5 (super)

For links, details and references, see our post:

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