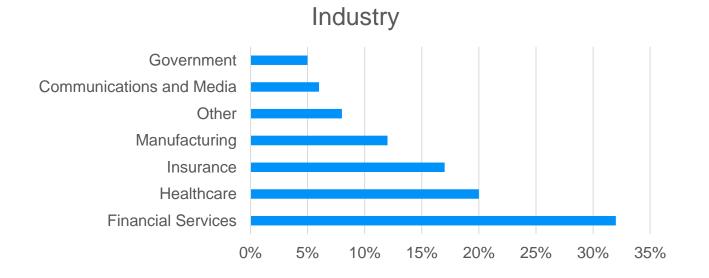
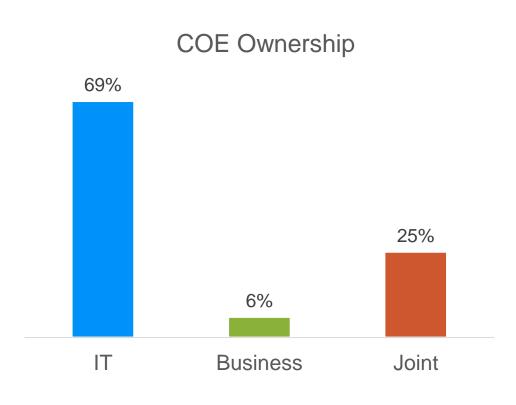


Survey Results: Industry, Tenure, Location



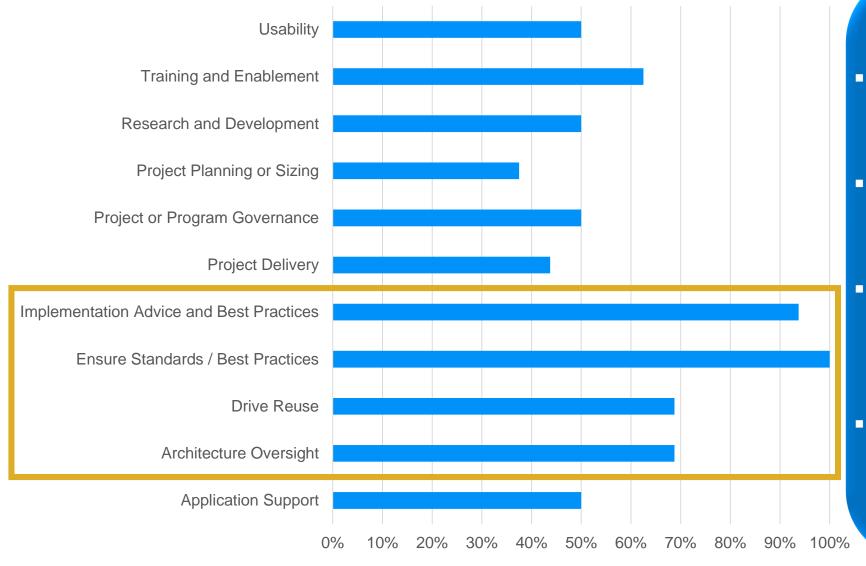








Survey Results: COE Focus



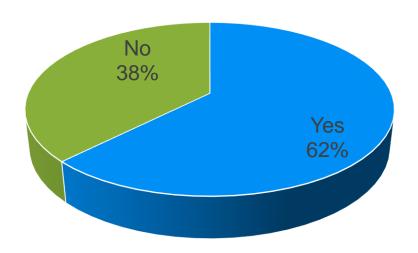
Observations

- Top Focus areas involve best practices and driving reuse
- Newer COEs are focusing mostly on the top 3 areas
- After 1-2 years, COEs are more commonly involved in application support and architecture oversight
- Most mature COEs are tackling usability, R&D and training/enablement

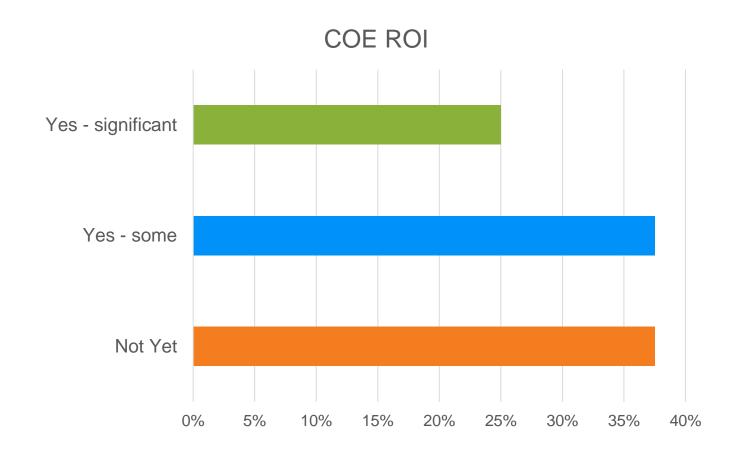


Survey Results: Perceived and Achieved Value

Strategic Initiative with C-level Sponsorship

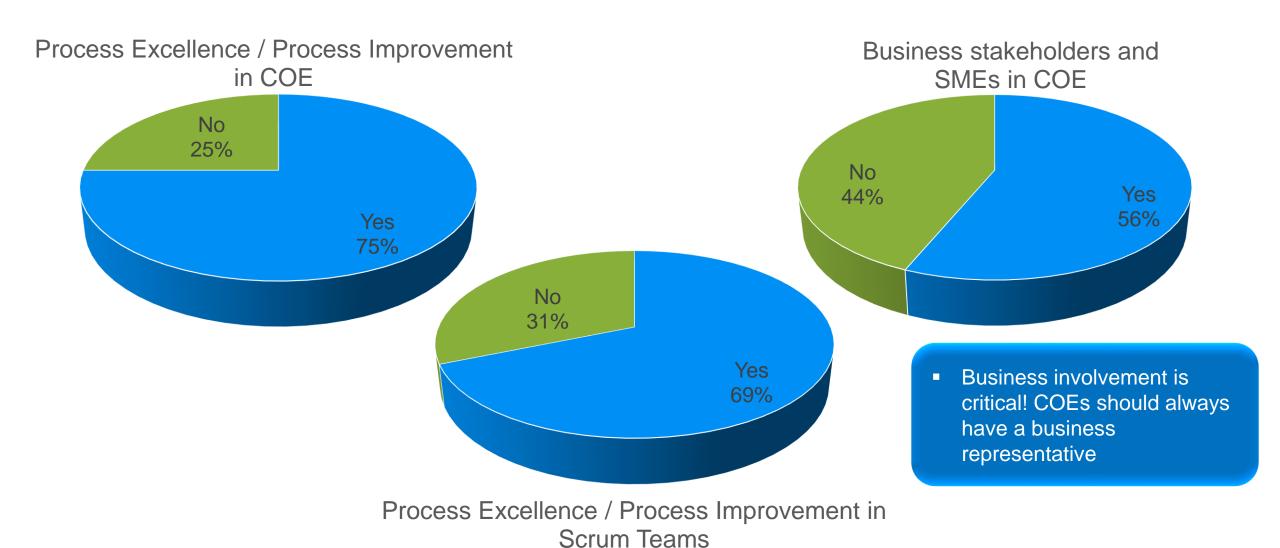


- Executive Sponsorship is critical to long-term success
- 91% of COEs in operation for at least a year have seen some or significant ROI



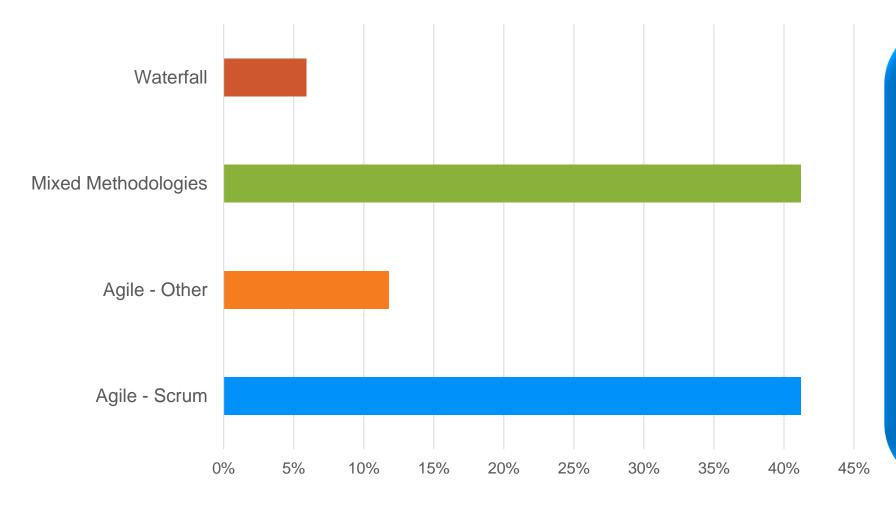


Survey Results: Team Composition





Survey Results: Methodology



Observations

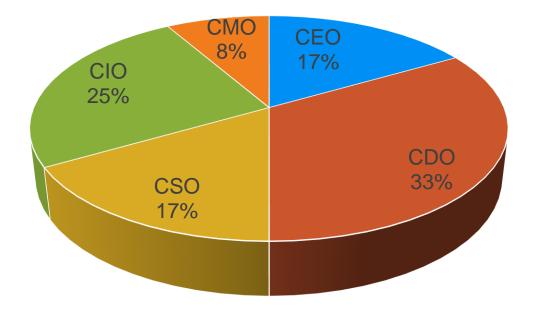
- The percentage of organizations using Scrum and/or other Agile methodologies continues to increase
- High response rate for mixed methodologies indicates that many companies are still in transition from a waterfall heavy environment



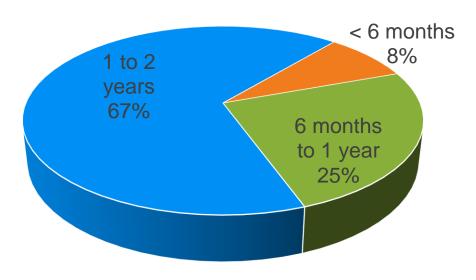
Survey Results: DX Strategy

50% of organizations surveyed said they have a digital transformation strategy in place

DX Strategy Owner



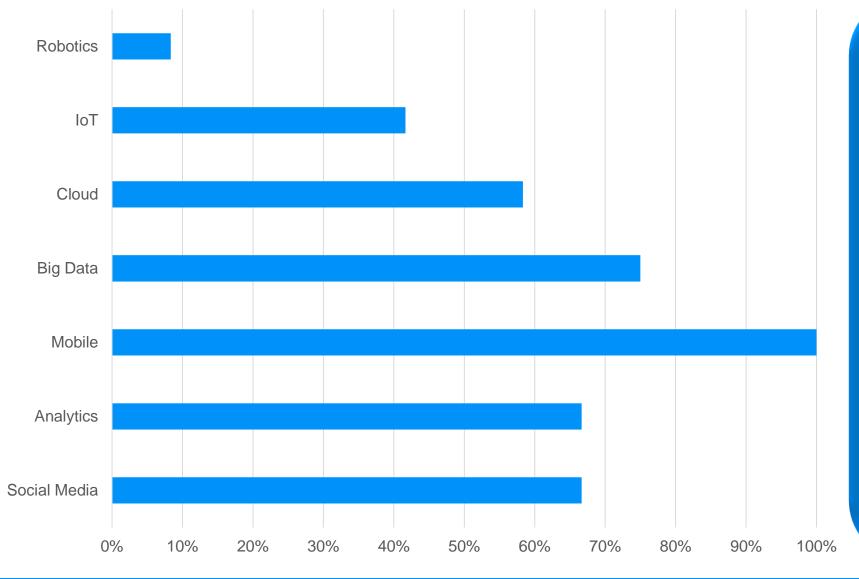
Strategy Maturity



Not everyone is addressing Digital
 Transformation, and most of those who are addressing it are early in the journey



Survey Results: SMAC'T in DX Strategies

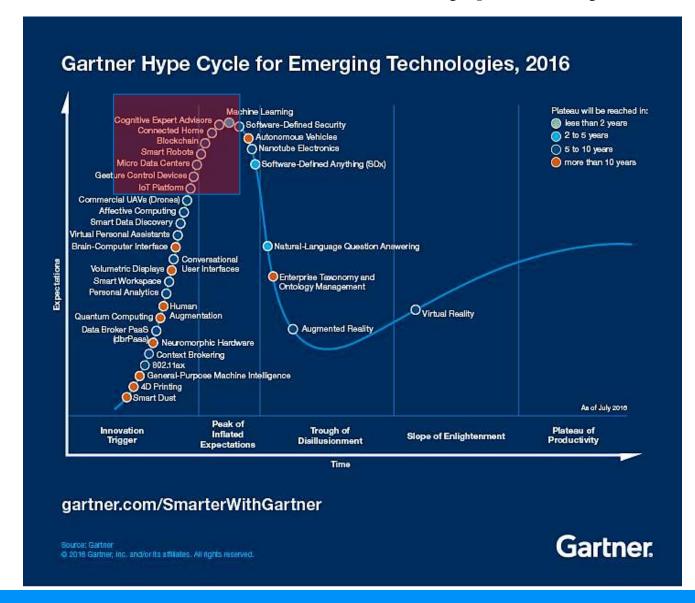


Observations

- 100% of participating organizations have incorporated mobile technology into their business
- Big Data, Analytics and Social Media have strong adoption (over 60%)
- loT and Robotics lag behind with fewer than half of organizations incorporating them into their DX strategy

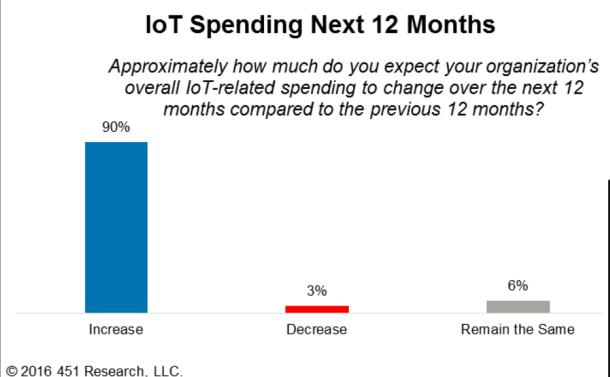


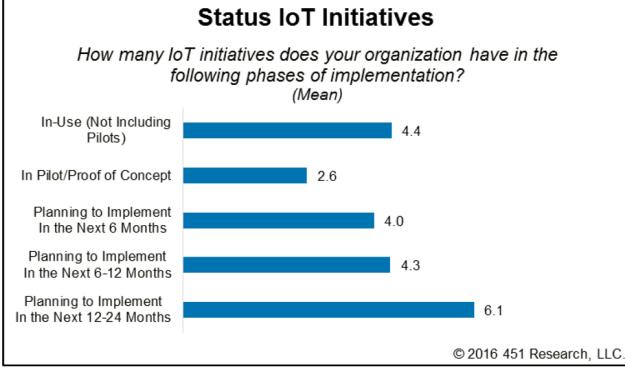
Where are we in the IoT Hype Cycle?





IoT Trends

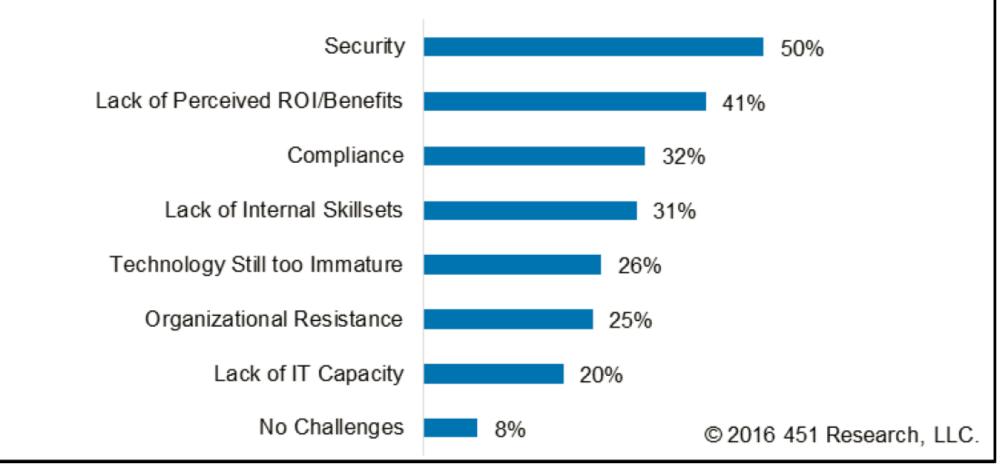






Inhibitors to IoT Adoption

Which of the following are, or do you expect to be, impediments to deploying IoT initiatives?

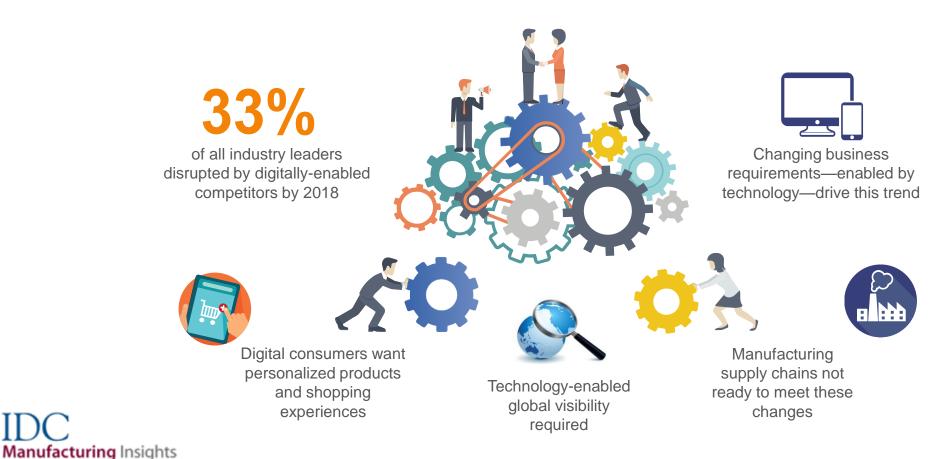




Today's Best-in-Class Performance Will not Suffice for Tomorrow

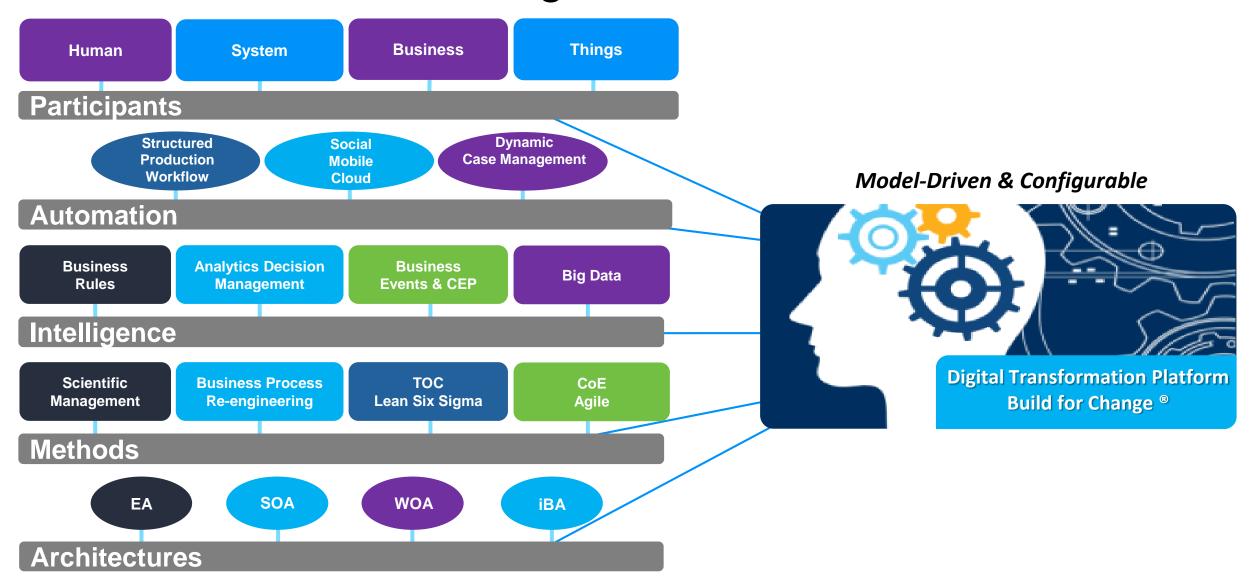
Manufacturing in the Digital Age

Transform or Be Left Behind



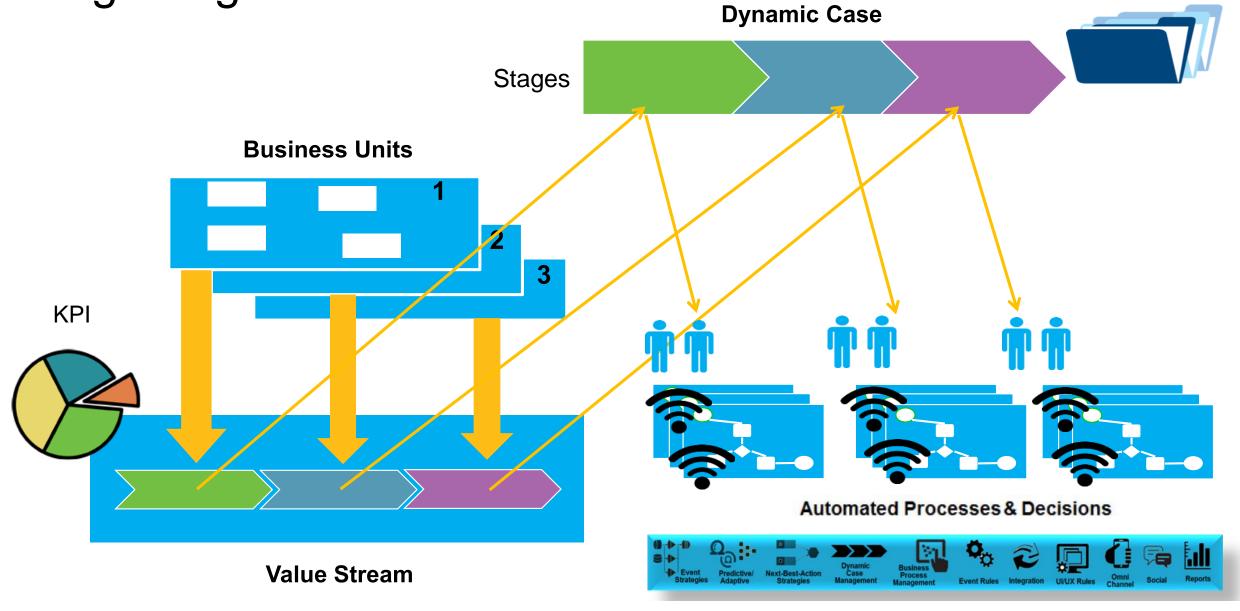


Five Elements of the Digital Transformation Platform

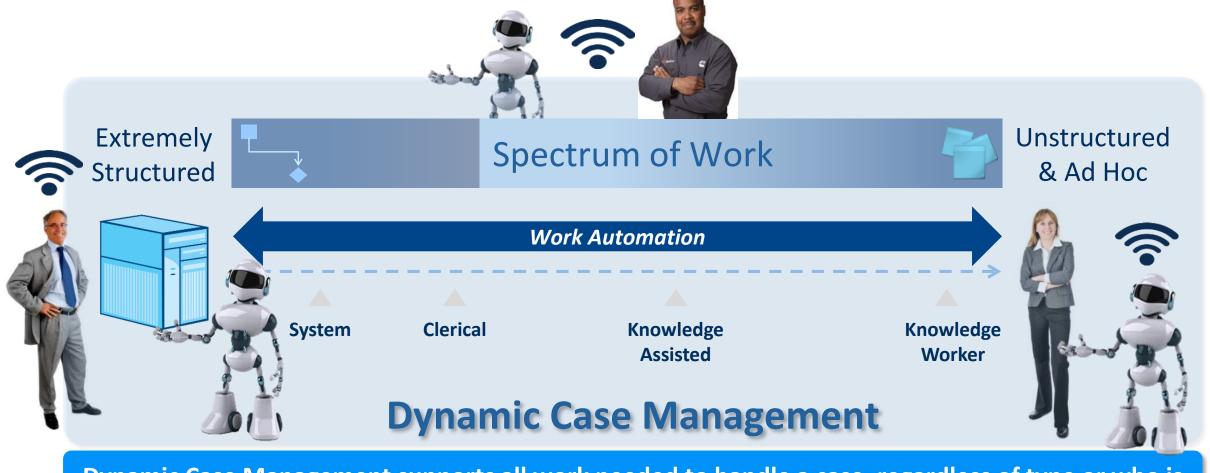




Digitizing Value Streams



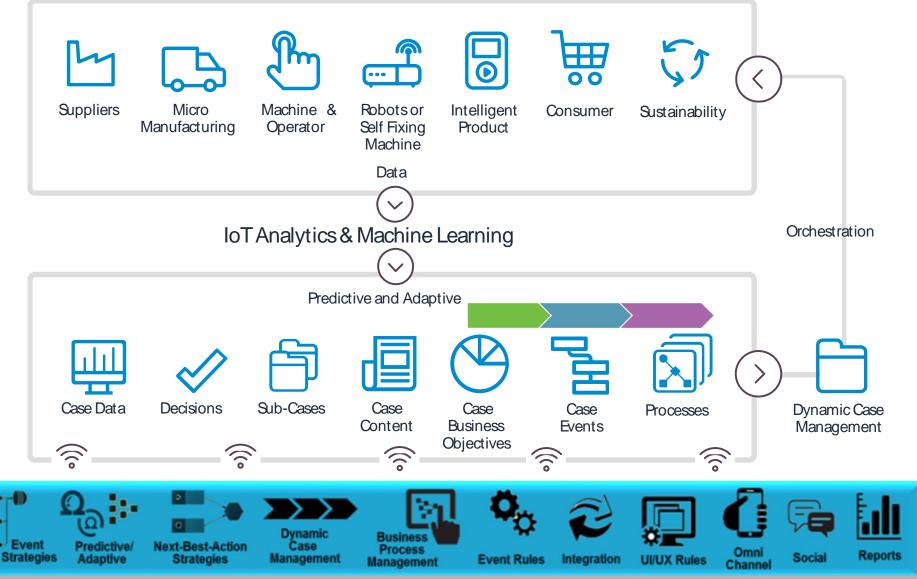
Automation is Digitally Transforming with IIoT ...



Dynamic Case Management supports all work needed to handle a case, regardless of type or who is performing it



Dynamic Case Management in Action



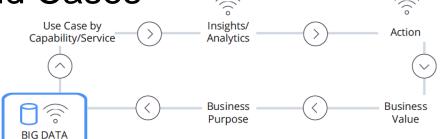


4 Use Cases for IoT with Pega



Things as Participants in Digitized Process and Cases

E.g. Check Temperature; Shut off; Deliver Package



- Events activating DCM to handle the event
 - E.g. Connected Car broke down instantiate maintenance and warranty
- Stream of Events: to correlate and handle complex scenarios
 - E.g. High pollution levels by different sensors within 5 minutes instantiates case
- Big Data and Predictive Analytics to detect patterns and act
 - E.g. Detected elevated blood pressure and glucose level annual trends to prescribe medicine, lifestyle changes etc.



4 Evolved CRM Use Cases for IoT with Pega: Omni-Device

- **Customer-Device Interaction for NBA**
- 2. Things as CRM Channels: Omni-Device
- Connecting With Manufacturers: Prescriptive **Maintenance**
- **Extending the Ecosystems with Merchants**





Email



Chat









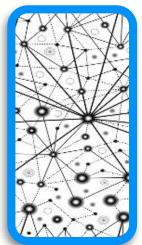


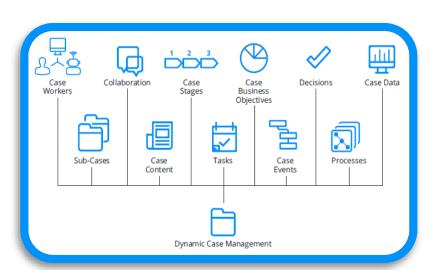


Machine Health













Pattern Detection with Real Time **Analytics**



Operationalize, Process and Respond





























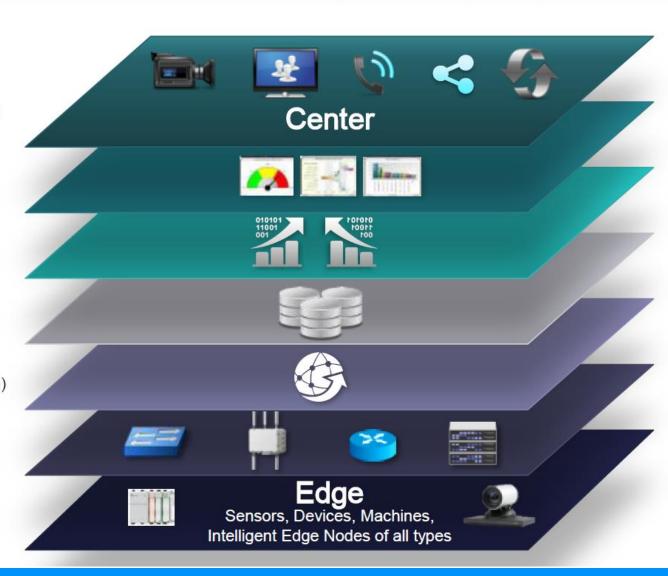




IoT World Forum Reference Model

Levels

- Collaboration & Processes
 (Involving People & Business Processes)
- 6 Application (Reporting, Analytics, Control)
- Data Abstraction
 (Aggregation & Access)
- Data Accumulation (Storage)
- Edge Computing
 (Data Element Analysis & Transformation)
- Connectivity
 (Communication & Processing Units)
- Physical Devices & Controllers
 (The "Things" in IoT)







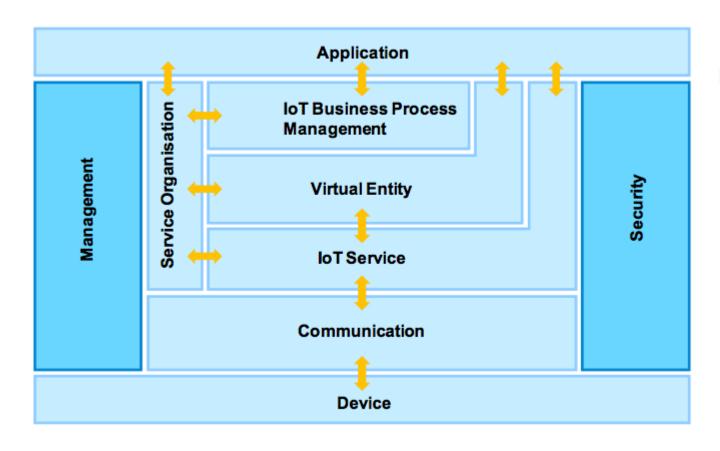








IoT Reference Architectures



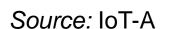
Human Users



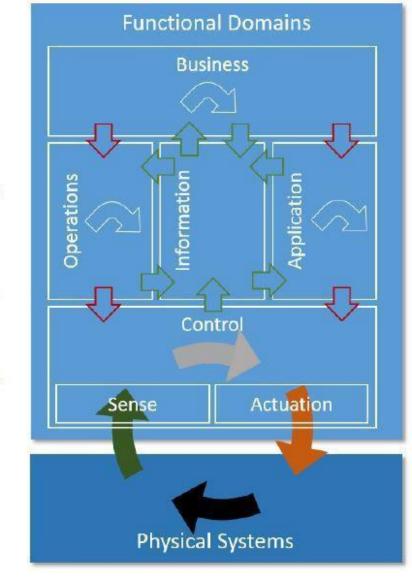






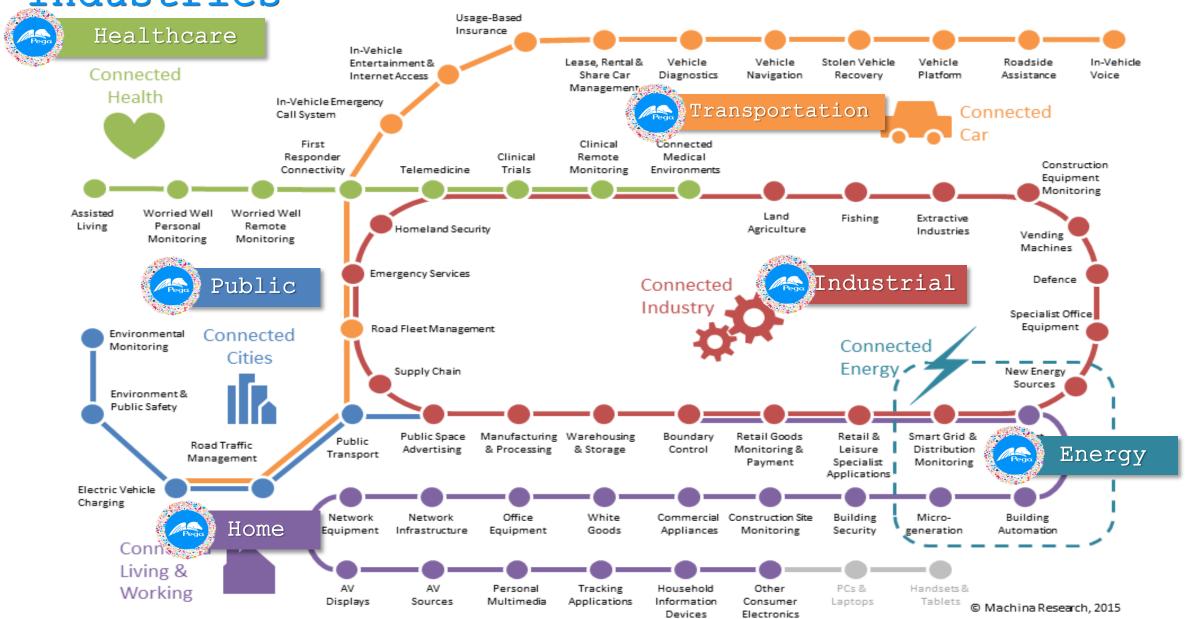


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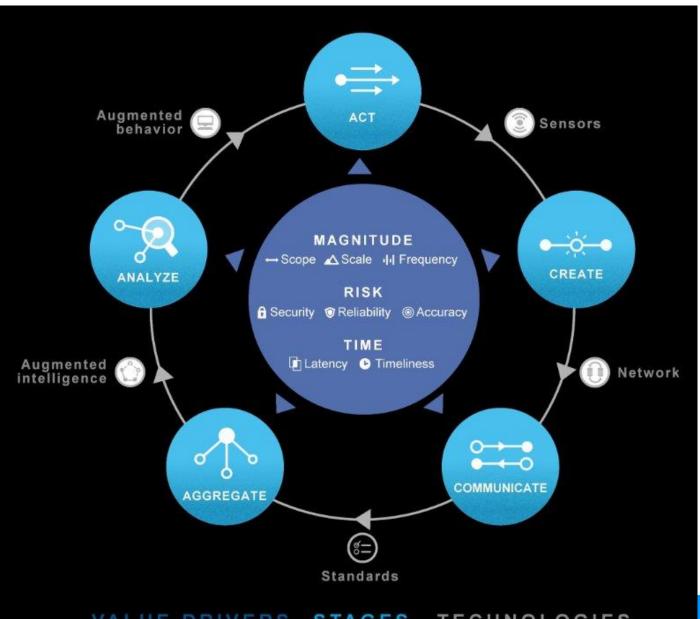


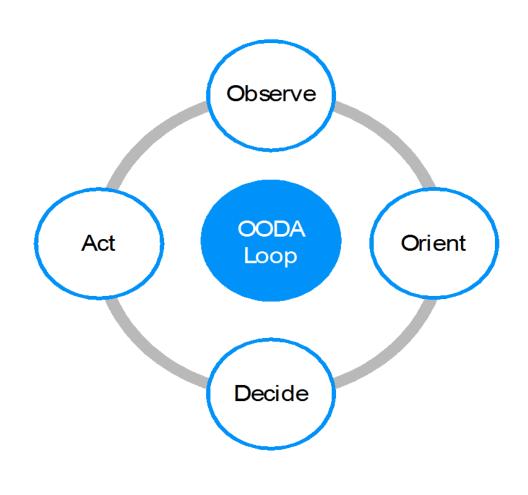


Pega IoT Applications across Multiple Industries

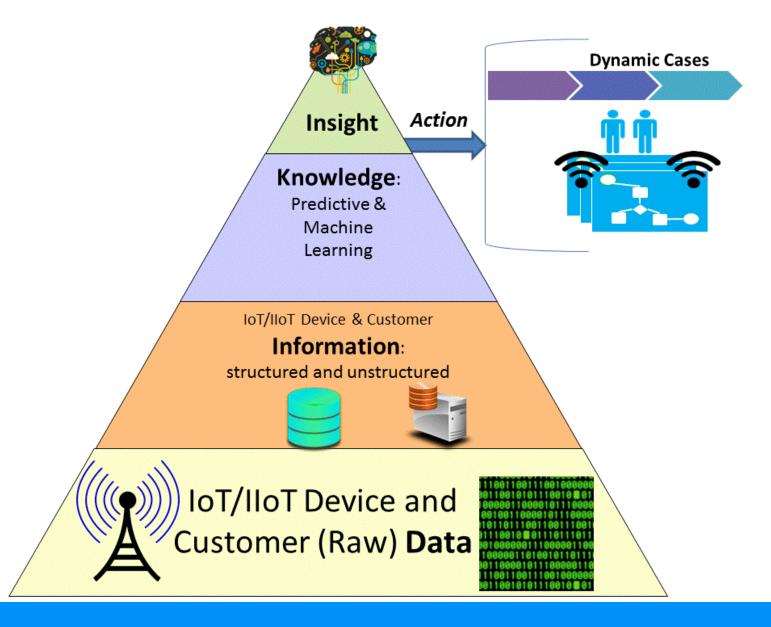


Deloitte's Information Value Loop for IoT





Insight to Action – Needs COE Governance and Best Practices





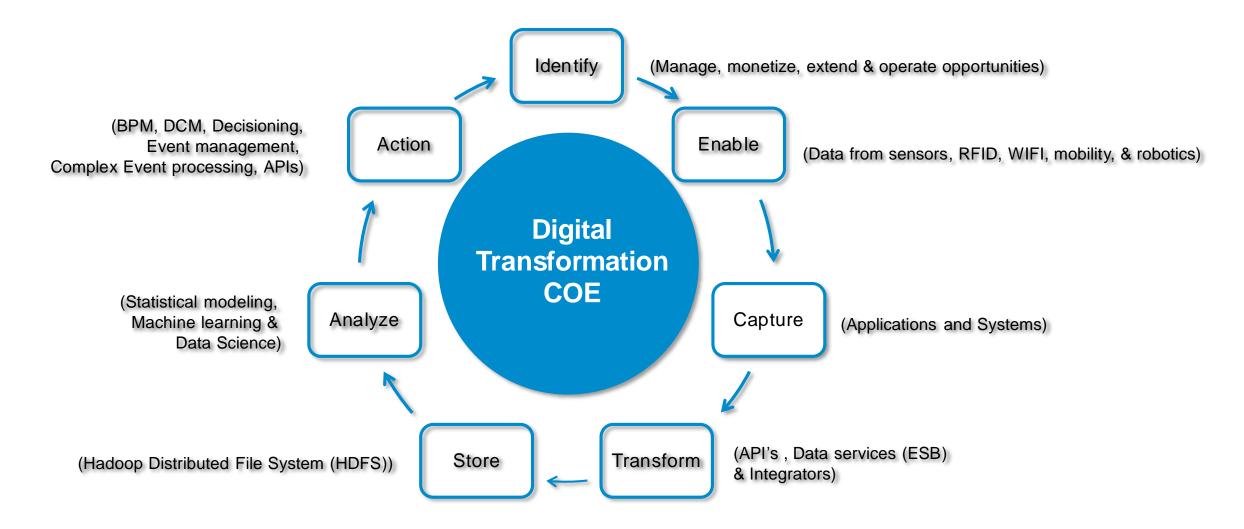
IoT Center of Excellence



Ignite | IoT Strategy Execution

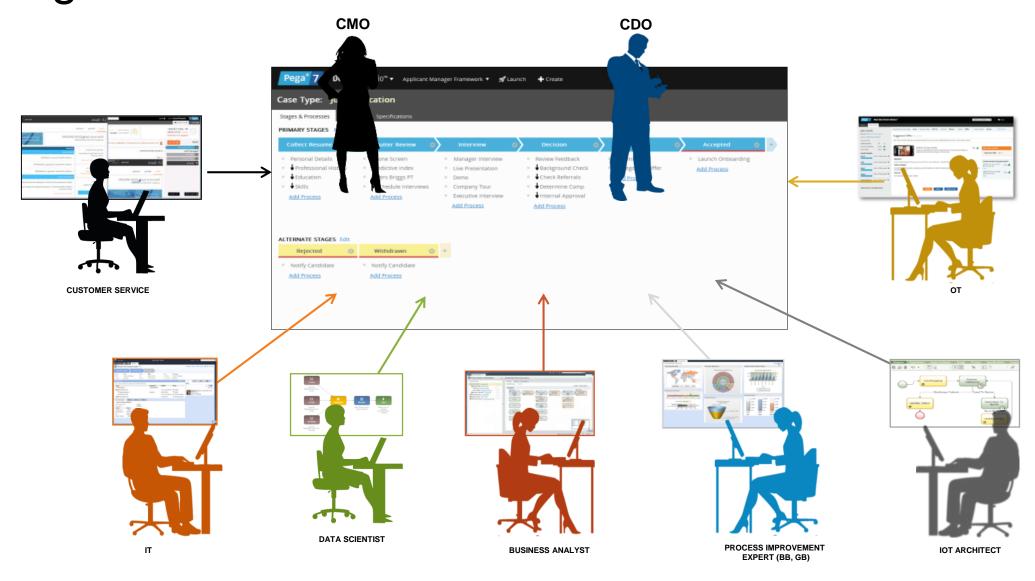


Digital Transformation Center of Excellence



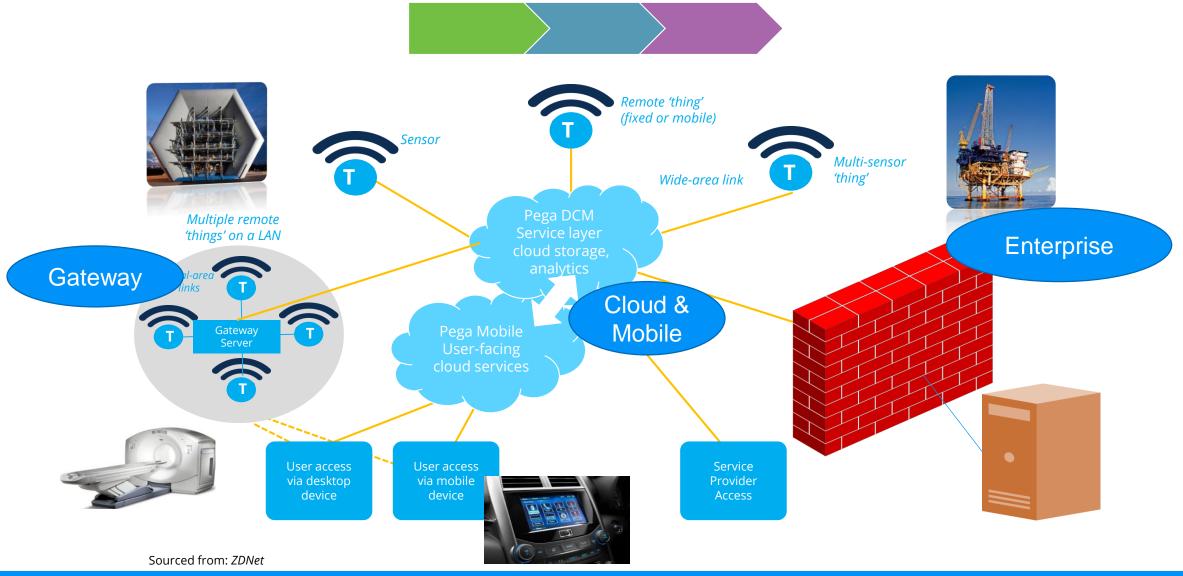


Digital Transformation Center of Excellence



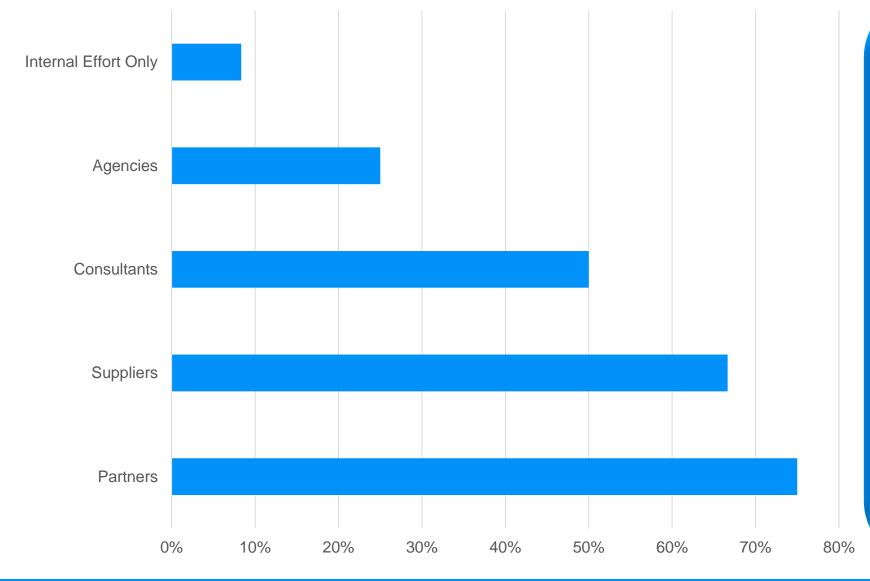


Digital Transformation with Pega IoT





Survey Results: DX Support Organizations



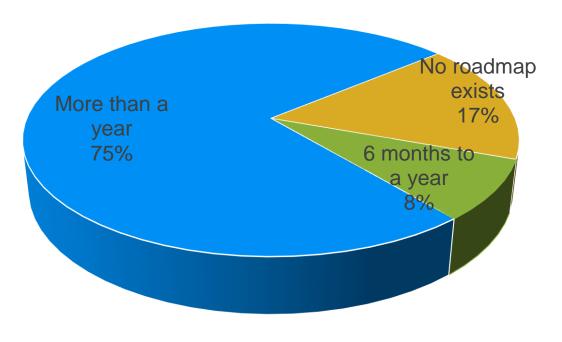
Observations

- Very few organizations are tackling Digital Transformation without outside support
- Partners are instrumental in driving DX strategies
- Engaging third-party vendors and suppliers helps to fill gaps that are essential to your roadmap
- Must select partners that have proven expertise and commitment to the kind of transformation you are seeking

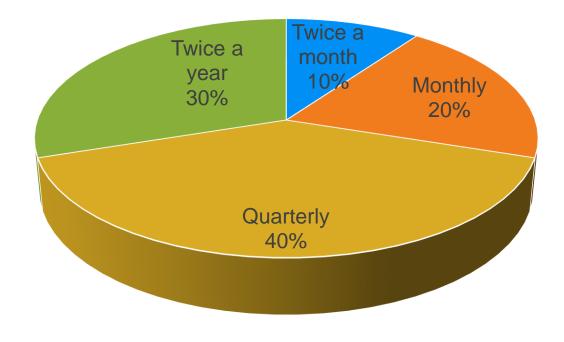


Survey Results: DX Roadmap

Period of time covered by roadmap

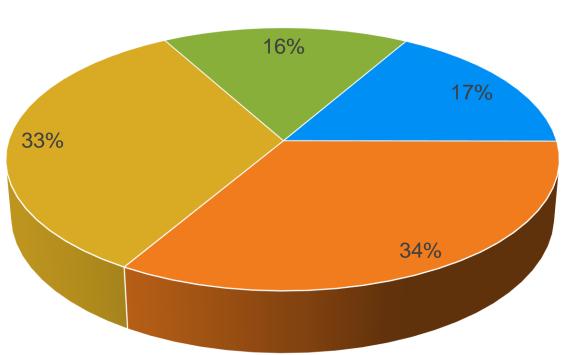


Roadmap review frequency

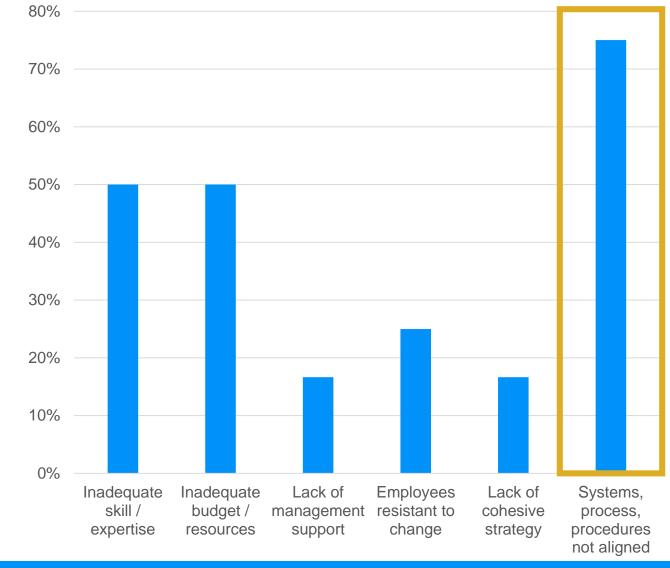




Survey Results: Challenges



- Getting the right resources
- Launching transformational practices
- Scaling transformational practices
- Sustaining transformational processes





Wrap Up

• For more on IoT, visit https://www.pega.com/products/pega-7-platform/iot/resource-guide

 Contact us to learn about a FREE Digital Transformation Innovation Workshop

Send an email to PegaCOE@pega.com for more information or to ask us a question

