Boundaries that separated businesses, value chains and even industries are fading, leading to the emergence of interconnected ecosystems of suppliers, partners, end customers, and the enterprise. Driving these ecosystems is a complex spectrum of information flow enabled by Internet of Things, automation and AI.

TCS believes that this Internet of Things can go beyond real-time data and alerts to enable ‘self-aware’ devices and systems to act on their own. Or in other words, TCS believes in Bringing Life to Things.

Bringing Life to Things helps enterprises respond to a physical context with digital intelligence to unlock exponential value, drive mass personalization, embrace risk, and leverage the emerging ecosystems.
IoT Business Framework: Bringing Life to Things to make your enterprise...

**Boundaryless**
- Expanding the ecosystem to create a network of connected value chains
- Dissolving functional information silos so that decisions can be taken from anywhere, at every level

**Pervasive**
- Trust-based access so that it is ever-responsive, ready to serve, 24*7
- Decisions are Elastic, optimized for demand

**Experience Rich**
- Seamless feedback loop for frictionless value creation, delivery and consumption
- Selects the most-efficient path to value

Bringing Life to Things enables your business to unlock exponential value...

- **New Business Models**
  - Move towards subscription and servitization
- **Seamless Customer Experience**
  - Remove process friction and delight customers
- **Enhanced Quality of Life**
  - Improve safety, security and quality of life through surveillance and smart sensing
- **Optimized and Responsive Value Chains**
  - Increase speed to market with mass customization

Chart the Path to Value for your Enterprise with TCS

Every layer of IoT maturity unlocks new use cases across production, supply chain, and customer service

- **Supply Chain**
  - Uberization of fleet to ensure guaranteed value delivery
  - End-to-end logistics, visibility enabled by fleet digital twins
  - Process as a service offering to enable asset performance
  - Process digital twin to optimize production performance
  - Secure assets; connected workforce, design & fabrication

- **Customer Service**
  - Performance twins for predictive downtime management and optimized warranty claims
  - Connected products and services for remote monitoring & maintenance
  - Uptime as a service to ensure maximum availability
  - Predictive
  - Connect in-Context
  - Self-aware

- **Product/Production**
  - Product as a service offering to enable asset performance
  - Process digital twin to optimize production performance
  - Secure assets; connected workforce, design & fabrication

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