Infosys – Procurement Nibbles

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Cognitive Computing, Machine Learning & AI

What
Cognitive computing and Artificial Intelligence based services.

Where?
Auditing and assurance services are adapting to cognitive technologies due to challenges of analyzing huge volumes of unstructured data.

Contract Management: Intelligent machine-based contract review systems can scan thousands of documents, extract and structure the report for enhanced analysis.

Logistics: Anticipatory self-optimization of processes in warehouses, where self-learning systems can recognize patterns and trends; and link these to specific customers, orders, and warehouse operators.

MRO: Smart machines and devices using IoT concepts are connected with sensors to perform continuous health checks, and systems to gather real-time data for analytics.

Digital Wallets, Smartphones, Tablets, and Apps

What
On-the-go service has emerged as a necessity in recent times. App-based delivery will gain prominence across industries.

Where?
Learning: App based learning solutions help in easy access to the learning content, anytime, anywhere (mobile, iPhones, iPad.), easy upgrades of apps (real-time content) and improved interactive training sessions.

Facilities Management: Service providers offer a wide array of apps that help facility managers in data gathering, reporting & tracking, maintenance & inventory control.

Logistics - Digital identifiers: Smart sensor-tags and biometrics are pushing logistics processing to a new level of granularity where single unit components can be securely identified and traced through unique, digital codes.

Big Data & Predictive Analytics

What
Big Data is becoming fast and approachable. Organizations are leveraging data lakes to drive value. Predictive Analytics(PA) is a result of Big Data.

Where?
In learning: PA is used to analyze employee performance data – on learning programs, future performance and spot potential issues.

In recruitment: PA helps in developing models that predict the potential of candidates, improving conversion ratios, reducing costs and using behavioral data to identify the right fitment.
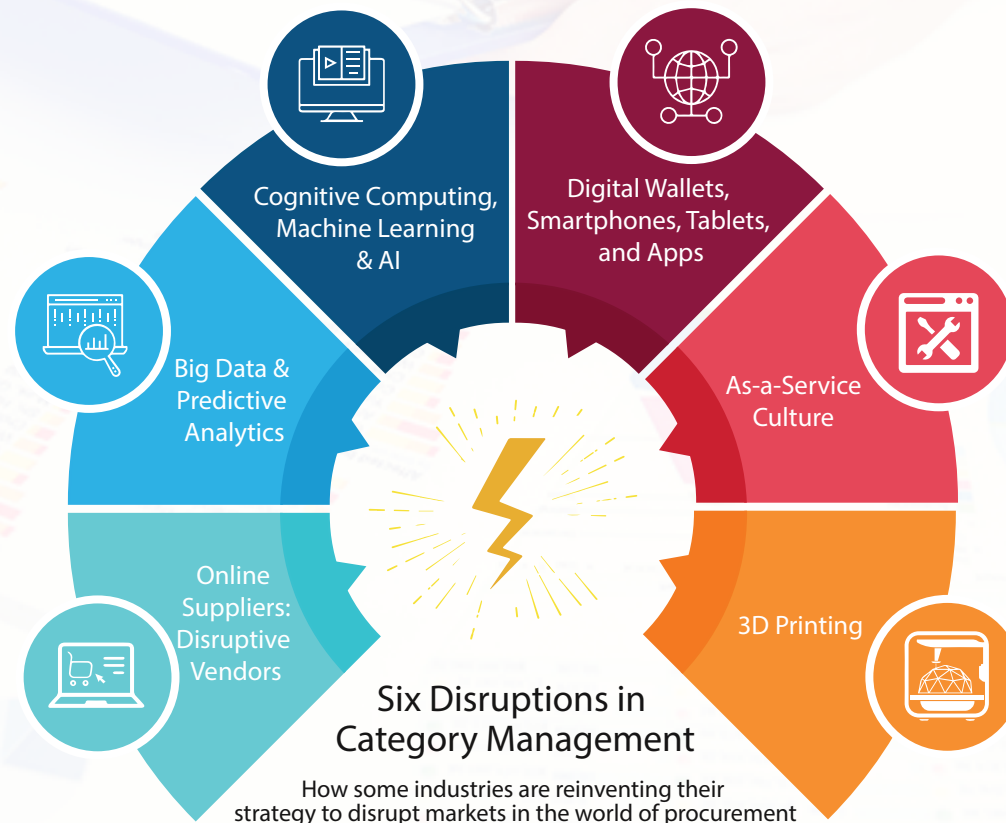
Online Suppliers – Disruptive Vendors

What
Disruptive suppliers are emerging across industries with unique and differentiated capabilities. Predominantly leveraging technology, they enhance speed to market, flexible service delivery and improved user experience.

Where?
In recruitment: Online Staffing Agencies in the recruitment & contingent space are bringing automation into the hiring process - reducing the distance between the client and candidate.

In Travel: Disruptive providers who leverage technology are gaining market-share, resulting in integration of independent hotels in corporate travel programs.

As-a-Service Culture

What
Increasing number of service providers will move towards as-a-service models, which are modular, integrated and technology based.

Where?
Shift from a time and material to a value based approach with the implementation of intermediary platforms like Freelancer Management Systems, Freelancer marketplaces and others.

3D Printing

What
3DP is leading to disruptive changes in industries such as manufacturing, logistics, automotive, aerospace, oil, gas, mining and Maintenance, Repair & Operations (MRO)

Where?
3DP is being used in the automotive & aerospace industry to create prototypes, which enable production of complex products that are lighter & economical, while also reducing wastage. 3DP is also used in oil, gas and mining industries; which are located in remote areas. By enabling availability of key parts, this technology keeps the downtimes to a minimum and also enables suppliers to reduce cost for aftercare services.

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Six Disruptions in Category Management

How some industries are reinventing their strategy to disrupt markets in the world of procurement