



Digital Procurement

Driving a revolution in improved performance

2019

A revolution is sweeping the world of procurement. Digital labor aided by robotic process automation (RPA), machine learning and cognitive technologies is helping bring about automation and other technology based enhancements in the procurement function. Digital procurement is enabling a progressive digitization of labor through automation of existing mundane processes and opening the door to new levels of performance at every stage of the procurement process.

Addressing challenges in procurement

Digital Procurement supports procurement platforms that are rapidly evolving from basic, rule-based process automation to increasingly sophisticated levels of automation. As a result, digital procurement can address a growing number of procurement challenges in the following areas:

Business process	Opportunities	Digital procurement solution
Contract management	Reviewing contracts manually can significantly bog down the contract review process.	Automated programs review contracts and compare them against best in-class templates, flags terms and conditions that are non-standard. Summaries can be generated for the contract management process.
Transactional procurement	Manual invoice review and processing requires significant FTE resources and is subject to human error.	Automation replaces manual review process, thus ensuring consistency, speed, and accuracy of invoice processing.
Strategic sourcing	Sourcing activities below established dollar thresholds can be automatically bid but remain reliant on manual sourcing efforts, which can slow down the procurement process.	Automation automatically bids requests within tactical sourcing thresholds from qualified suppliers, thus reducing the required time and effort for such activities.
Business partnering	Without real time guidance, requisitioners may have difficulty ensuring requisition activities conform to compliance requirements and guidelines.	Automation provides guidance to requisitioners in real time to manage the demand volume and specification level of purchases.
Support processes	Without ongoing master data management, key records, such as vendor information, may become out of date. Inaccurate records can lead to delays in vendor payments and other adverse impacts.	Automation reviews master data records on an ongoing basis to identify inaccurate information, identifies likely resolutions, and automatically corrects information where possible.
Category management	Reliance on manual processes makes it difficult to assign purchases to categories in an accurate and timely manner.	Automated programs classify procurement transactions as they are requisitioned and uses machine learning to identify category assignments based on requisition text hence streamlining the categorization of purchases.
Supplier management	With limited resources, organizations cannot effectively monitor and manage supplier risk.	Automated programs conduct supplier diligence across a number of risk categories to process, review and score supplier data related to key risk indicators, all in a fraction of the time required by manual processes.



Potential benefits of digital procurement

Digital procurement can help organizations maximize value and efficiencies in an increasingly competitive landscape. Key benefits include:

- Improved cost performance with the ability to focus on Category Management and support greater collaboration with the CFO
- Accelerated process automation across the Source-to-Pay process, with fragmented systems replaced by a more coordinated approach
- Increased spend under management to drive both cost savings and cost avoidance
- Enhanced supplier innovation and collaboration to both retain and increase the value driven by procurement departments
- Better resource management, including the ability to manage a contingent workforce and address skill shortages
- Greater spend visibility and spend management with better ways to look at spend through technological enhancements
- Improved risk mitigation over factors such as cost volatility, supply disruptions and regulatory compliances issues.

How KPMG firms can help transform your procurement outcomes

As leaders in both digital procurement and procurement advisory services, KPMG firms offer clients the opportunity to leverage emerging technologies to address their top procurement priorities and maximize total value to their organization. We do this through a dynamic set of service offerings:

01.

Assess your current procurement automation levels and identify digital opportunities

02.

Collaborate with leading providers to implement leading technology enhancements

03.

Develop a strategy, roadmap, and business case for digital procurement opportunities

04.

Provide technical development, testing, and implementation of digital procurement systems

Examples of KPMG member firm client projects

Professional services firm

Developed and implemented an automated program to review 500 contracts per week and create a granular scoring criteria using machine learning

Asset acquiring firm

Developed and implemented an intelligent document review system using cognitive intelligence with natural language processing and machine learning to review two million documents for a strategic transaction

Industrial manufacturer

Developed a 2020 digital automation vision and roadmap highlighting automation opportunities across the organization

Technology leader

Developed and implemented more than 200 automated programs to streamline business processes and eliminate re-work

KPMG firms are recognized as industry leaders

Spend Matters

A Spend Matters 50/50 Provider to Know 2019, 2018, 2017, 2016, 2015, and 2014

ALM Intelligence (formerly Kennedy)

Vanguard Global Leader in Supply Chain Planning Consulting Providers, and Best in Class for Needs Assessment and Project Management, 2019; Vanguard Leader in Sourcing Strategy Consulting, 2018; Vanguard Leader in Procurement Operations Consulting 2018; Vanguard Leader in Logistics Management Consulting, 2017

Gartner, Inc.

Gartner Market Guide for Supply Chain Strategy & Operations Consulting, 2018, 2017, 2016

Contact us



Julia Kristin Ruf
T +49 711 9060-41039
M +49 151 74109449
jruf@kpmg.com



Sven Linden
T +49 69 9587-2006
M +49 175 9395023
SvenLinden@kpmg.com

KPMG AG
Wirtschaftsprüfungsgesellschaft
Theodor-Heuss-Straße 5
70174 Stuttgart

KPMG AG
Wirtschaftsprüfungsgesellschaft
The SQUAIRE/Am Flughafen
60549 Frankfurt



This proposal is made by KPMG AG Wirtschaftsprüfungsgesellschaft, a corporation under German law and a member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited ("KPMG International"), a private English company limited by guarantee, and is in all respects subject to the negotiation, agreement, and signing of a specific engagement letter or contract. KPMG International and its related entities provide no services to clients. No member firm has any authority to obligate or bind KPMG International, any of its related entities or any other member firm vis-à-vis third parties, nor does KPMG International or any of its related entities have any such authority to obligate or bind any member firm.

© 2020 KPMG AG Wirtschaftsprüfungsgesellschaft, a corporation under German law and a member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee. All rights reserved. The KPMG name and logo are trademarks used under license by the independent member firms of the KPMG global organization.