



SMARTER PROCUREMENT. REAL SAVINGS WITH REAL-TIME ANALYSIS. BIG DATA ANALYSIS FOR PURCHASING.

BIG DATA. BIG OPPORTUNITY.

To survive and thrive in today's ferocious markets, you need to have your finger on the pulse. That means making the most of your mass data – to understand your customers, to identify market opportunities and anticipate relevant developments. To get to the top, and stay at the top, you must effectively manage the four key attributes of big data:

- **Volume:** the quantity of data to be captured continues to grow exponentially.
- **Velocity:** bits and bytes have to be processed at high speed.
- **Variety:** data comes in many formats, from diverse sources.
- **Value:** data needs to be converted into meaningful insights.

To leverage these four Vs to your full advantage, you need a fresh approach: an end-to-end solution that aggregates, analyzes and visualizes mass data – quickly, simply and reliably.

T-Systems offers powerful, comprehensive solutions that address all four Vs. T-Systems takes volume, velocity and variety, and gives you value with a capital V.

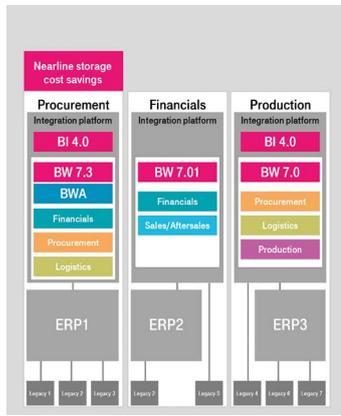
STREAMLINED GLOBAL PROCUREMENT.

Procurement teams at major international corporations handle thousands of transactions every day – making purchasing itself an expensive matter. But significant savings are possible. The key? Smart management of all relevant information. If you can access precisely the data you need at the touch of a button – who can supply which product, when can they deliver and what terms apply – you can guarantee the right quality at the right price. Moreover, you gain a solid basis for judging and managing your out-going payments, so you no longer require high cash reserves “just in case”. Creating an end-to-end procure-to-pay cycle is not easy, however. Legacy landscapes tend to be complex and heterogeneous, and standardized, enterprise-wide procurement systems are rare. T-Systems has the answer: first, we harmonize and consolidate your procurement data on a central platform, before implementing a powerful, integrated in-memory solution – allowing you to aggregate and analyze procurement statistics in real time.

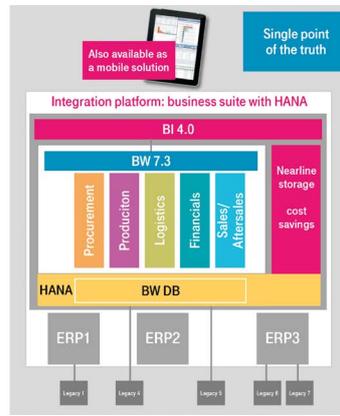
Smarter Procurement from T-Systems is an end-to-end big data solution. Based on in-memory technology, it helps enterprises cut costs, shorten lead times and protect liquidity – throughout their organization, around the world.

SMARTER PROCUREMENT. A ONE-STOP DATA ANALYSIS SOLUTION.

CURRENT ARCHITECTURE



TARGET ARCHITECTURE



This graphic shows a business intelligence system for global procurement based on a scalable SAP layer structure. By implementing standardized business logic, it is possible to harmonize data across business processes and eliminate redundancies. To create dynamic reports, data is aggregated from multiple enterprise systems – such as orders, shopping baskets, invoices and outgoing payments. Even data from historical transactions can be included. This ensures you get a single version of the truth, sidestepping the inconsistencies that arise when assessing information from conflicting sources. Plus, the solution is highly user-friendly, thanks to intuitive front-end SAP Business Objects tools and a Spend Analysis Cockpit for mobile data access.

SLASH YOUR PROCUREMENT COSTS.

Smarter Procurement from T-Systems delivers maximum visibility into your entire procure-to-pay process, worldwide. You benefit from an up-to-the-minute view of all key market statistics, and the latest information regarding suppliers, products and delivery times and terms. With point-and-click simplicity, you can call up all data for a specific supplier – from procurement volumes to terms and conditions. And with all this information at your fingertips, you are ideally equipped to secure the best price, quality and service when negotiating with suppliers.

IMPROVE YOUR LIQUIDITY.

Once you have achieved full visibility into suppliers, purchasing terms and discounts, you can better plan outgoing payments – minimizing cash reserves and short-term borrowing. Because in-memory technology allows you to pinpoint payment dates with greater precision, you can rapidly make any adjustments necessary to protect liquidity or redirect excess cash flow to better investment vehicles. And by integrating additional financial processes and systems, you can minimize currency translation risks, too.

TRACK KPIS IN REAL TIME.

In order to identify, monitor and analyze KPIs, central data storage is crucial. T-Systems big data solutions provide the strategic procurement team with all key metrics for planning and reporting (savings, orders, goods received, etc.) in a matter of seconds.

MOBILITY MATTERS.

The Spend Analysis Cockpit provides procurement staff with rapid and easy access to all the data they need. By entering key words, you can pull up data in the form of clear, interactive graphics. Plus, you can explore the information displayed with filters and drill-down functions, for example. What's more, you can use the cockpit while on the move. And once you can remotely access data such as volumes and number of orders, you can accelerate on-site supplier negotiations.

THE THREE KEY BENEFITS.

1. Lower global procurement costs (procure-to-pay)
2. In-depth reporting across all selected business KPIs with a single mouse click
3. Mobile enablement of procurement processes

BIG DATA SOLUTIONS FROM T-SYSTEMS.

We give you total answers to all your big data imperatives: from assessment, to consulting, to implementation, operation and optimization.

- Secure big data solutions out of the cloud: immediate provisioning, rapid and simple scalability
- Process expertise and best-fit technologies
- Also available in the form of analytics as a service
- High-performance VPN/MPLS network infrastructures
- Proven big data transition models

Do you want to know more about how big data can work for you? Then why not try out our big data assessment.

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