



IT Integrator

Providing a wide range of own products, tools and platforms. Full lifecycle of application and software development. IT project management IT Outsourcing and complex integration projects



Procurement Outsource & Consultancy

Diverse, creative team of people passionate about procurement. CIPS certified category managers helped in saving of 3rd party spend many local and international companies. Consultancy and outsource model



CIPS Training Center

The only CIPS approved study center in CIS. Dedicated to sharing experience based knowledge. All aspects of Procurement, Logistics & Supply Chain Management With over **1000** successfully graduated students since 2011

TOOLS

E-Procurement system (P2P)

A Comprehensive procurement & supply chain management tool that makes processes easier, faster and more efficient to help you deliver on business expectations. It manages the Procurement Process Lifecycle with controlling the key data and out- of-system activities.

REDIMO
PROCURE 2 PAY

E-Sourcing, Auctions & Marketplace system

It's a single Marketplace platform that brings structure and transparency to the complicated Tendering processes (RFx) and business valuable benefits both for Contracting Organization and Suppliers. Place where you can not only buy, but sell your assets using comprehensive RFx and Auctions methods

 Satinalma
procure.az

SERVICES

Outsourcing & Consulting

Procurement governance creation
Internal Controls Setup
Procurement transformation
Category Expertise
Inventory Optimization
Landscape Analysis
Cost efficiency and optimization
Ensuring Compliance Function
Planning and Forecasting
Contract Management
Better cost model for company
Big pool of skilled and fit for purpose specialists.

 SƏNAYƏ
TƏCHİZAT
SERVIS

Professional Education

CIPS based Capability Assessment
Creation Individual Development plan based on organization needs.
Creating of the Tailor made education programs for the whole procurement organization
Leadership capabilities assessment. Position fit mapping based on consolidated portfolio

 PRO LOG
training center

IT / Telecom system integrations including process change management

IT / Telecom Outsourcing & Managed Service

Undertakes delivery of outsourcing and/or managed services for the client. 3-layer approach (Strategic, Tactical, Operational) is applied to guarantee expected efficiency level.

IT services are offered in compliance to the best-practice methodologies (e.g. ITIL) and include support of IT and Telecom systems and applications in production; 1st, 2nd and 3rd level support to users and administrators of specific applications; and provision of hosting services. VOIP Support and Maintenance; IT infrastructure design managed services



Agile Software Development Methodology | Product creation

Agile Scrum Framework is created to support in establishing and explain the Software Development Process in an easier and more practical way. The formats and standards of communication between Business Analyst, Product Owner, Development team etc are essential for the success of software development projects. Smart Solutions is supporting organizations to implement Agile/Scrum Framework to bring Client's development teams to next efficiency level. Also our team supports clients in efficient product creation path, using Agile methods



Agile Scrum On- demand Software Development

Designing and developing applications and software solutions has been a core and continuous activity of Smart Solutions since its very existence. We have developed for a wide range of clients some of their most popular and successful applications. Smart Solutions provides a wide range of own products, tools and platforms. We also undertake the development and support of tailor-made applications according to clients' needs. We offer the best price/performance ratio and optimal Total Cost of Ownership (TCO) for the client.



IT Project Management

Professional project managers of Smart Solutions are ready to takeover all IT projects of organization supporting you in concentration on the core business of your organization.

Smart Solutions is proposing certified (PMP, PMI, PRINCE 2) personnel with a proven experience record on various industries, including: banking, software development, oil & gas, industrial and government.



Digital Transformation

Smart solutions delivers superior digital transformation services customized under each client to be ahead of evolving market demands and to tap all opportunities from data and analytics to digitally enabled operating models and strategies.

We have an elaborated methodology, pool of experts, a wide network of international partners and extensive years of experience to help our clients in their digital transformation journey.

Data governance is a part of our data and analytics services.



Data & Analytics

Analytics & Artificial
Intelligence
Data Transformation & Delivery
Digital Strategy
Internet of Things
Robotics & Automation

Build a digital culture

Digital Culture & Capabilities
Digital Organization
Full-Scale Transformation
Enterprise Agility

Modernize core technology

Technology Transformation
Infrastructure & Cloud
Enterprise Architecture
Cybersecurity
Agile Delivery
Technology Sourcing

Create stunning digital experiences

End-to-End Journey
Redesign
Experience Design

Accelerate marketing & sales

Digital Marketing Operations &
Technology
Digital Sales
Dynamic E-commerce Pricing
Personalization at Scale

Optimize your operations

Corporate Functions
Enterprise Resource Planning
IT Project Optimization
Lean IT
Digitizing Operations



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Red Flags Management

How Active Intelligence approach helps to save taxpayers' money

Vitaliy Trenkeshu

Managing Partner,
datanomix.pro



Agenda

- **Main challenges**
in public procurement of Kazakhstan
- **Transformation objectives**
for the Committee of the internal public audit of the Ministry of Finance of the Republic of Kazakhstan
- **Implementation**
Methodology, Data, Architecture
- **Demo**
of the Apps, including Writeback and document generation
- **Results and impact**

It is essential to spend tax-payers money efficiently

Principles: value for money, transparency, competitive tendering

- **US\$ 10B** – are spent annually for public procurement by the government, which is **6%** of Kazakh GDP
- **10-20%** of total costs – estimation of bribery in public procurement.
- **55%** of all corruption crimes are committed in the field of public procurement.

Non-competitive procurement led to overpricing of goods

Lack of transparency in procurement entails corruption risks

- Up to **20%** – estimated loss from single sourced procurements*
- **62%** – share of non-competitive public procurements in Kazakhstan
- **US\$ 470 million** – estimated annual losses to the state budget of Kazakhstan due to non-competitive public procurements

There are too many procurements

Auditors are unable to check them all for compliance

- **18,383** – state bodies
- **80,000+** – suppliers
- **3M+** – procurement plan items annually
- **1.5M+** – contracts concluded annually



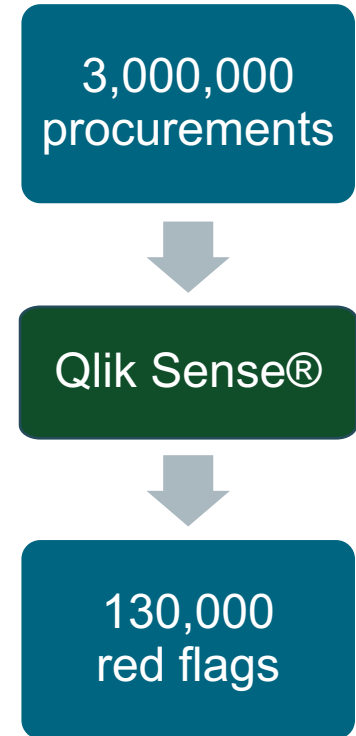
Transformation objectives

Automatic red flags identification

Focusing the attention of auditors on riskiest procurements

Preventive measures

Checking risky public procurements preemptively to make corrective actions in due time



IMPLEMENTATION

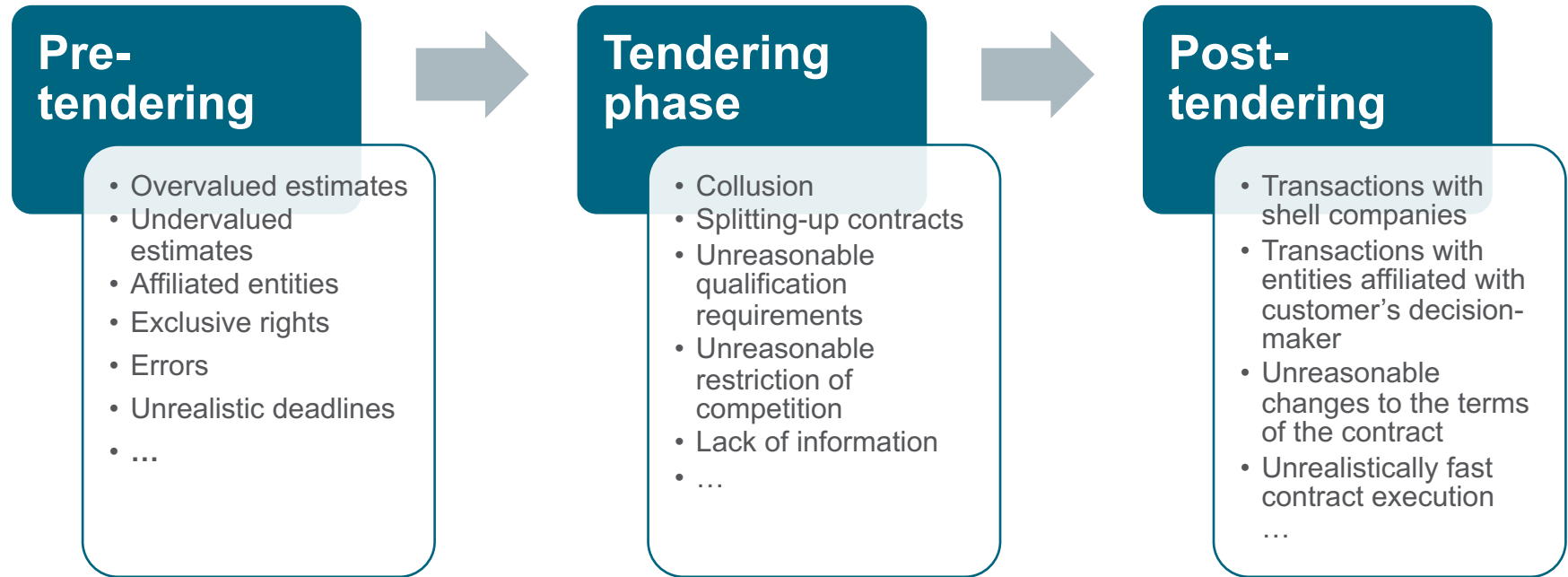
Methodology, Data, Apps



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Methodology for spotting Red Flags in Public Procurement

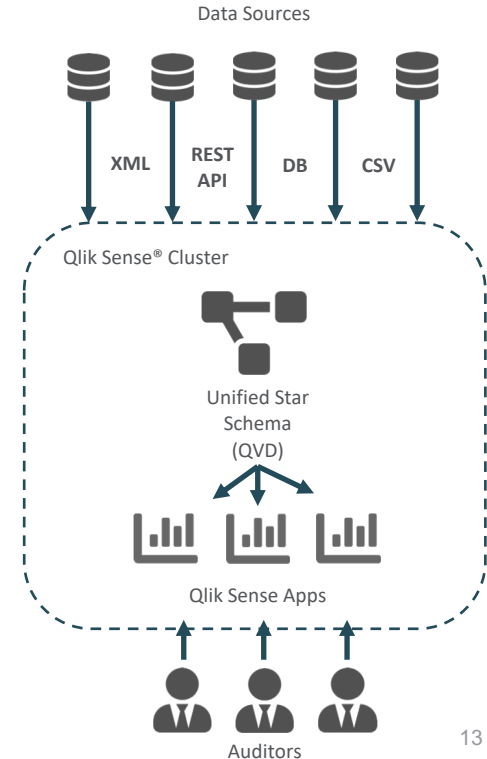
43 red flags on all stages from planning to contracting



Data used

Over 100M rows updated daily from 5 data sources

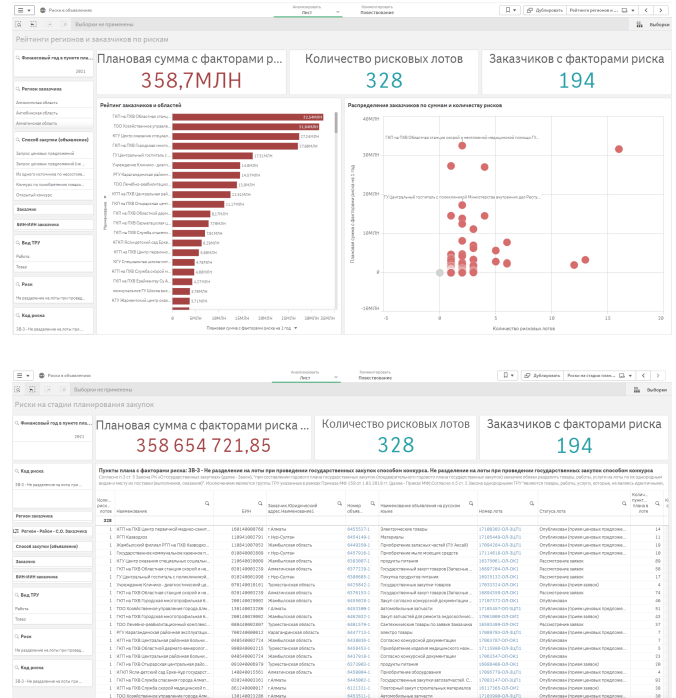
- **Public procurement data**
Plan elements, tenders, contracts, customers, suppliers, etc.
- **Payment data**
From government customers to suppliers
- **Tax data**
Of all Kazakh legal entities
- **Certificates of Origin**
Of goods “Made in Kazakhstan”
- **Banned suppliers**
Prohibited from participating in procurement



Qlik Sense® Applications For Red Flags identification and processing

DEMO

- Each App contains the **list of risky procurements** with all necessary details to make decision and take actions
- **Assignment** of a responsible auditor and **tracking the status** of each red flag
- **Automatic generation** of auditors' prescription drafts based on document templates



Results and impact

Of the first 6 months of the project

- **132K** items with risk factors were identified
- **US\$ 305M** in financial violations were identified
- **70%** of red flags were identified at the planning stage
- **1,685** procurement officers were brought to disciplinary responsibility
- **90** cases were transferred to law enforcement agencies
- **US\$ 86M** of taxpayer's money **has been saved**



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Operational
Improvement

World Commerce & Contracting
**INNOVATION &
EXCELLENCE
AWARDS 2021**

GLOBAL WINNER:
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