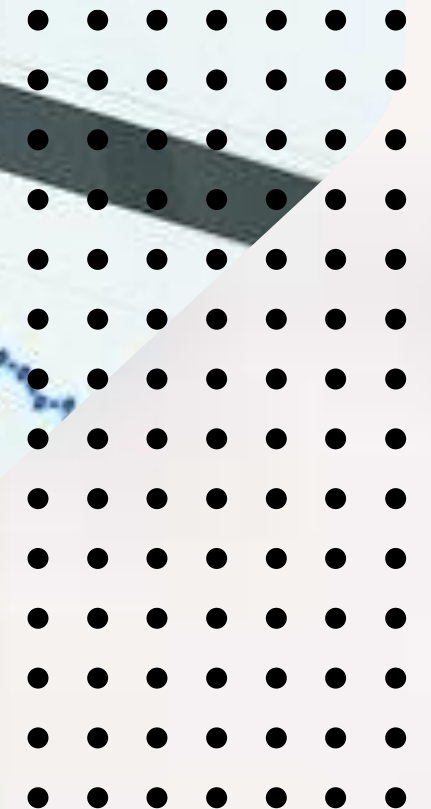
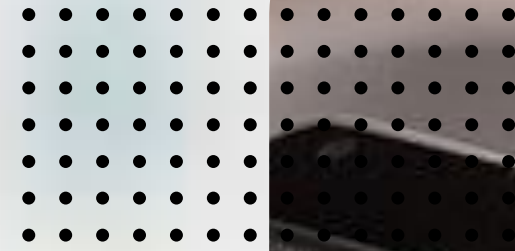




MN PARTNERS



ABOUT COMPANY **MN PARTNERS**

2024

CONTENT



ABOUT THE COMPANY



TEAM AND TECHNOLOGY



CLIENTS



PROJECTS



CONTACTS





Custom Interfaces
US, Texas

MN Partners
Kazakhstan, Astana



MN PARTNERS

ABOUT COMPANY

on the market since **2017**

Dynamically developing Kazakh company created by professional specialists of IT-industry with high reputation and rich experience on market of information technologies in Republic Kazakhstan



PUBLIC
SECTOR



OIL AND
GAS



EDUCATION

www.mnpartners.kz

WE IN NUMBERS

55

Developers

15

Analysts

7

Project managers

10+

Projects

7

Years on market

3

DevOps engineers

%

00

00

11

Kazakhstani
resources

Development team

COMPETENCIES

Extensive experience in developing systems based on flexible technological solutions

Average development experience:

10 years

PERSONAL GROWTH

The company helps develop, learn, and reach new heights. Provides training and certification support.

5

Average number of certificates an employee has.

TECHNOLOGY STACK

Number of technologies and programming languages used in development:

100+

LEVEL:

SENIORS: **10**

MIDDLES: **30**

JUNIORS: **15**

Project managers

COMPETENCIES

Each project manager has experience in creating and managing projects whose average cost exceeds:

>200
million tenge

PERSONAL GROWTH

The company always pays special attention to the development of project managers.

Each PM has certificates:

PMP
PMI

PROJECTS

The company is trying to use all the opportunities of the project to train its employees.

4

Average number of projects per PM.

EXPERIENCE

Average management experience

10+
years

OUR EXPERIENCE INCLUDES THE DEVELOPMENT OF THE FOLLOWING TYPES OF SYSTEMS:

Our Services



ANALYTICAL SYSTEMS



AUTOMATION OF BUSINESS PROCESSES








INTEGRATION BUS

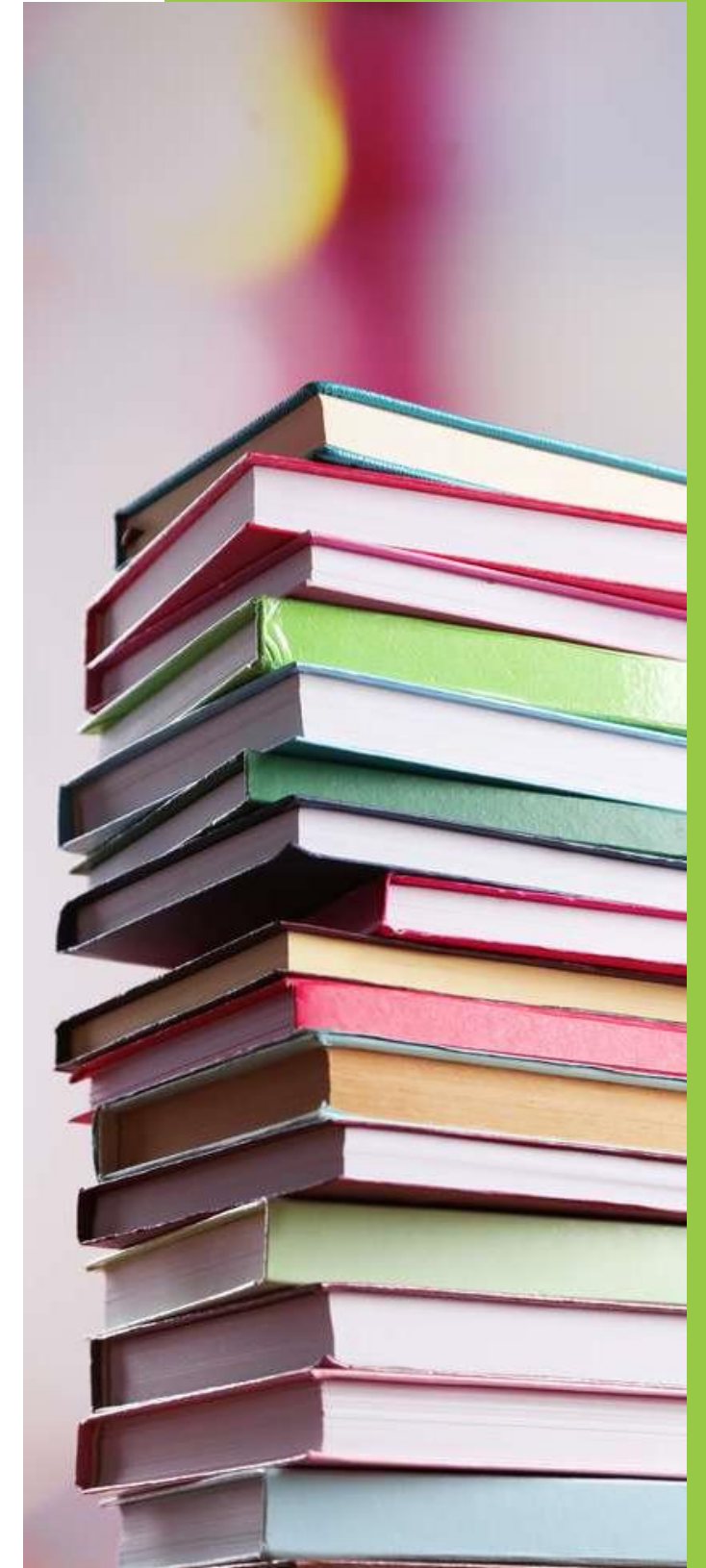


PORTALS AND MOBILE APPS

TECHNOLOGY STACK



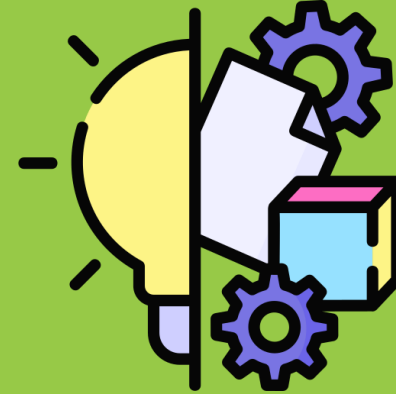


FULL CYCLE



1

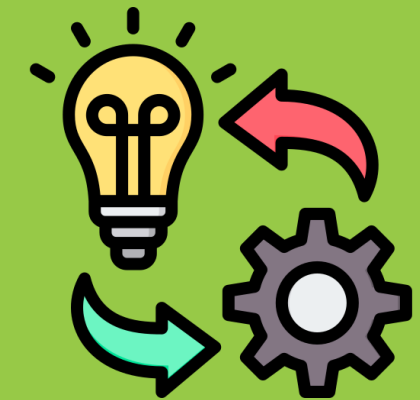
DESIGN AND DEVELOPMENT



By focusing on a quality product and long-term strong relationships, we have established ourselves as a team of professionals capable of solving complex problems.

2

IMPLEMENTATION



3

SUPPORT





MN PARTNERS

OUR CLIENTS

FLUOR®



Ministry of Education
of RoK



Ernst & Young



NCOC



KAZATOMPROM
NATIONAL ATOMIC COMPANY

Kazatomprom



KPO

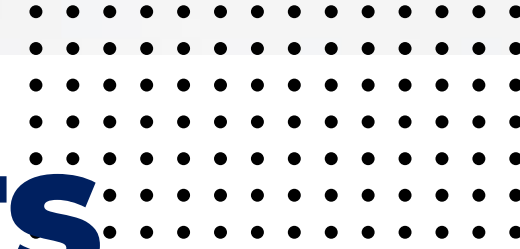


MN PARTNERS

OUR PROJECTS



OUR PROJECTS & PRODUCTS



B2G

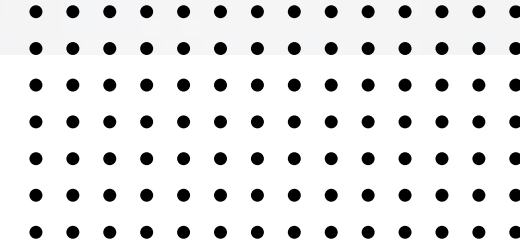
- 1. *IS «Automation of public services»* - **EGOV**
- 2. *NEDB – Ministry of Education of RoK*
- 3. *eZhetisy – Akimat of Zhetisy region*
- 4. *CDB - Akimat of Almaty region*

B2B

- 1. **NC Kazatomprom**
- 2. **KPO**
- 3. **NCOC**
- 4. **Samryk Kazyna HR Qyzmet**

Products

- 1. **Smart Proctor**
- 2. **Electronic document management**



About Karachaganak Petroleum Operating BV

The Karachaganak field, discovered in 1979, is one of the world's largest gas and condensate fields.

Located in north-west Kazakhstan and covering an area of over 280 square kilometres, it holds estimated hydrocarbons initially in place (HIIP) of **13.6 billion barrels of liquids** and **59.4 trillion cubic feet (tcf) of gas**, with estimated gross reserves of over **2.4 billion barrels** of condensate and **16 tcf of gas**.

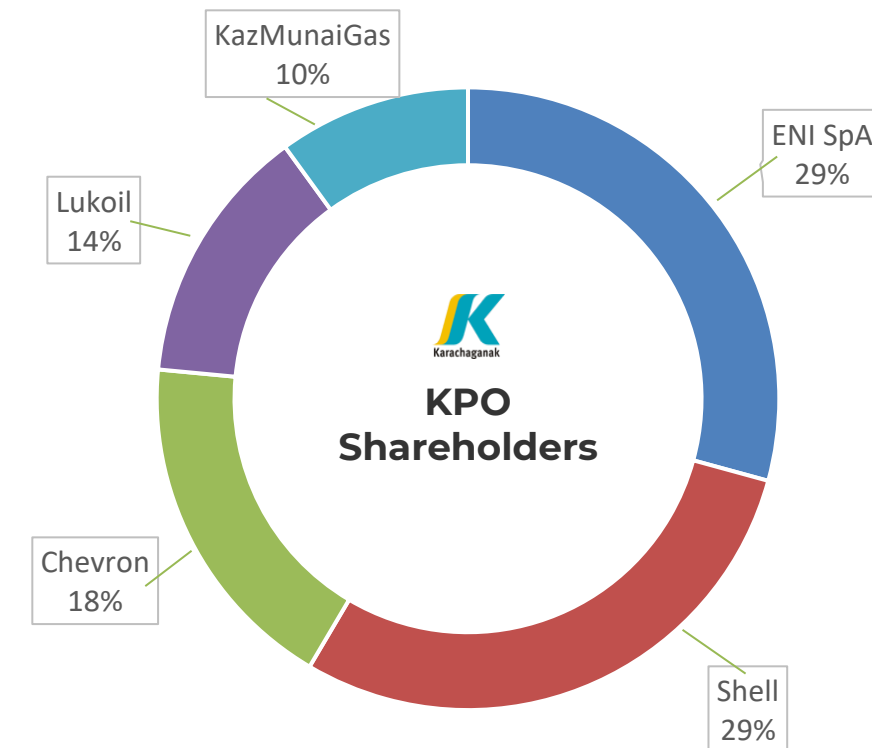
Kazakhstan Oil and Gas Upstream Top Companies:

1. National Company JSC KazMunaiGas
2. Tengiz Chevron Oil
3. **Karachaganak Petroleum Operating B.V. (KPO)**
4. North Caspian Operating Company N.V. (NCOC)
5. Eni

Kazakhstan

#12

In the world of proved crude oil reserves



The Karachaganak Venture brings expertise and knowledge from five oil & gas companies.

Project objectives



BI\BA migration

Migration of existing dashboards from Spotfire and Tableau to Power BI



Dashboards creation in Power BI

Development of new Power BI dashboards base on current requirements

Automation

Different processes automation including: integration, data collection, data storage, reporting etc.

SAP OpenText

Integration SAP and OpenText for paying documents and accounting documents with SAP.



In addition to completing scope of contract constant users support and training together with changes and updating of delivered dashboards and server settings are made

BI\BA Migration

Before

Maintenance 64

Asset Integrity 16



Direct request

Solution

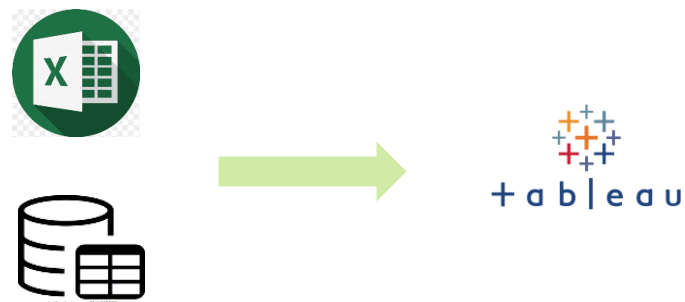


Data collection in database

Result

- Migration to unified BI/BA platform
- Created database for future integration
- Developed corporate style dashboard

RPE 50



Direct request

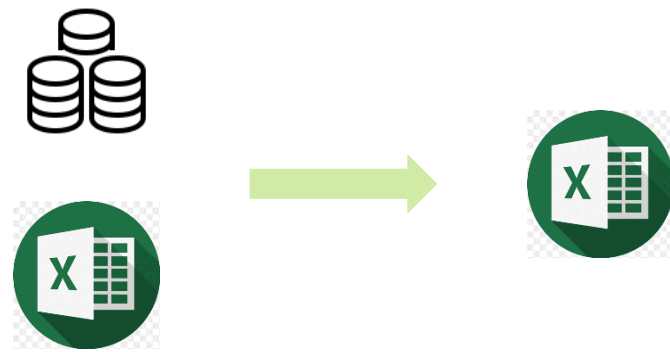


Data collection in database

- Migration to unified BI/BA platform
- Created database for future integration and tabular model base on key data objects
- Developed corporate style dashboard

Dashboards creation in Power BI

Before

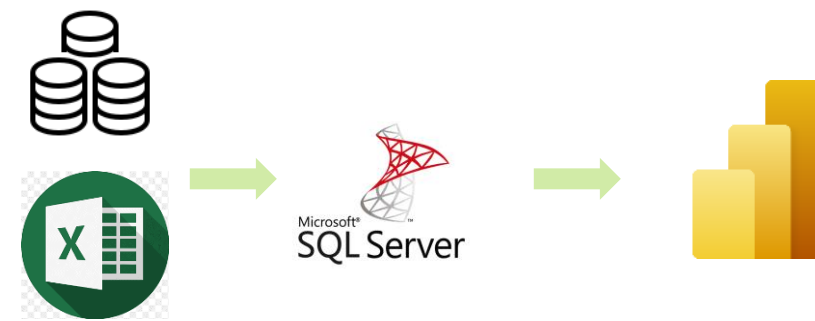


74 dashboards

Manual reports preparation for:

- Material mgmt.
- Equipment's mgmt.
- Contract mgmt.
- Procurement mgmt.
- Well interventions
- Turnaround mgmt.

Solution



- Analysis of business requirements
- Analysis of data sources and structure
- Developing 74 new dashboards
- Building data storage

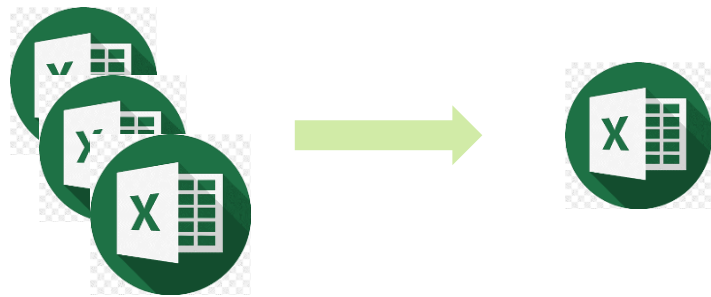
Result

- Automatic preparation of dashboards and reports
- Data storage optimized in MS SQL for future use

Automation

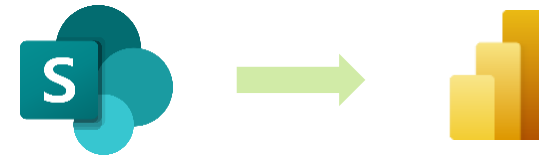
Before

C&P



Manual collection of data and reports preparation

Solution



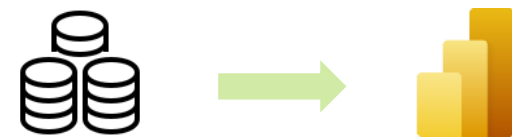
Automagical collection in SharePoint
Visualization in Power BI

Result

- Automation of data collection
- Automation of reporting process
- Automation of data analysis



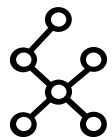
Data integration base using excel file



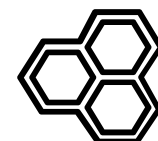
Direct integration

- Online data integration
- Reduce manual involvement
- Reduce time for data updating

RPE



Limited details in Well data structure



Enriching data in well with wellbore

- More detailed data analysis
- Increase effectiveness of using existing dashboards

SAP OpenText

Before

Finance



Invoices in SAP and Open Text are not integrated

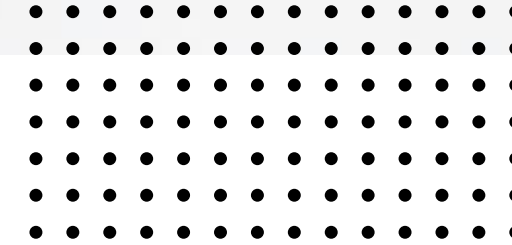
Solution



Integration using standard objects and custom development in SAP and ECM

Result

- Integration of signed invoices in Open Text and Accounting doc in SAP
- Automation of data reconciliation



Karachaganak Petroleum Operating (KPO)

Dino

Well control project based on the principle of exceptions and the launch of a well telemetry project.

Energy Components

- Development of ETL processes.
- Development of new views, reports and import processes.

BI/BA

- Development of visualizations for key production indicators in the context of wells and other measurements using the Tableau tool, including on a geographic map.
- DataHUB development.



KPO e-Ve

We have developed a mobile application similar to “Uber” for KPO.



Increased efficiency of vehicle fleet use.



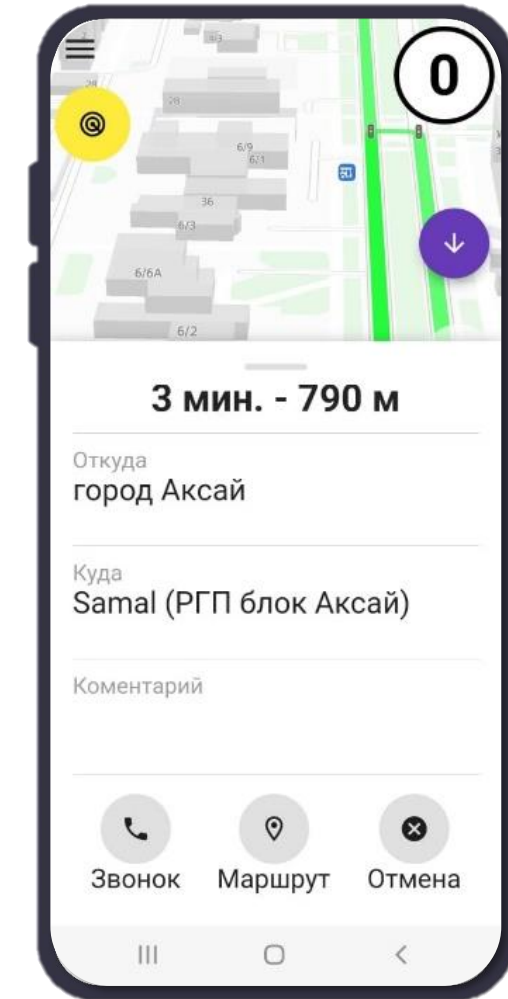
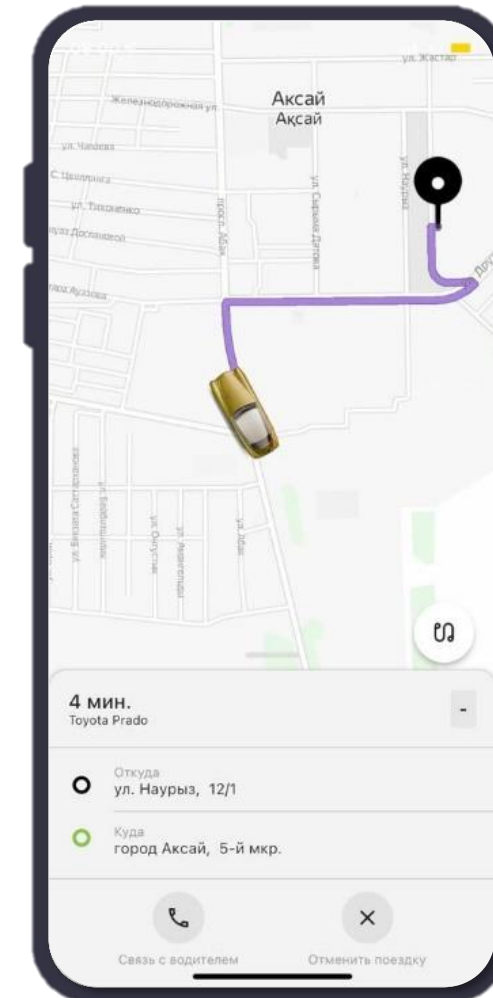
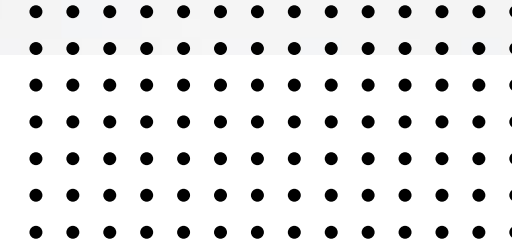
One car can serve many passengers.



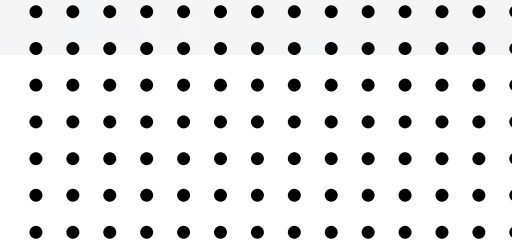
Cost savings by reducing the number of vehicles.



All KPO employees have access to the application, and a car can be quickly ordered through the mobile application.

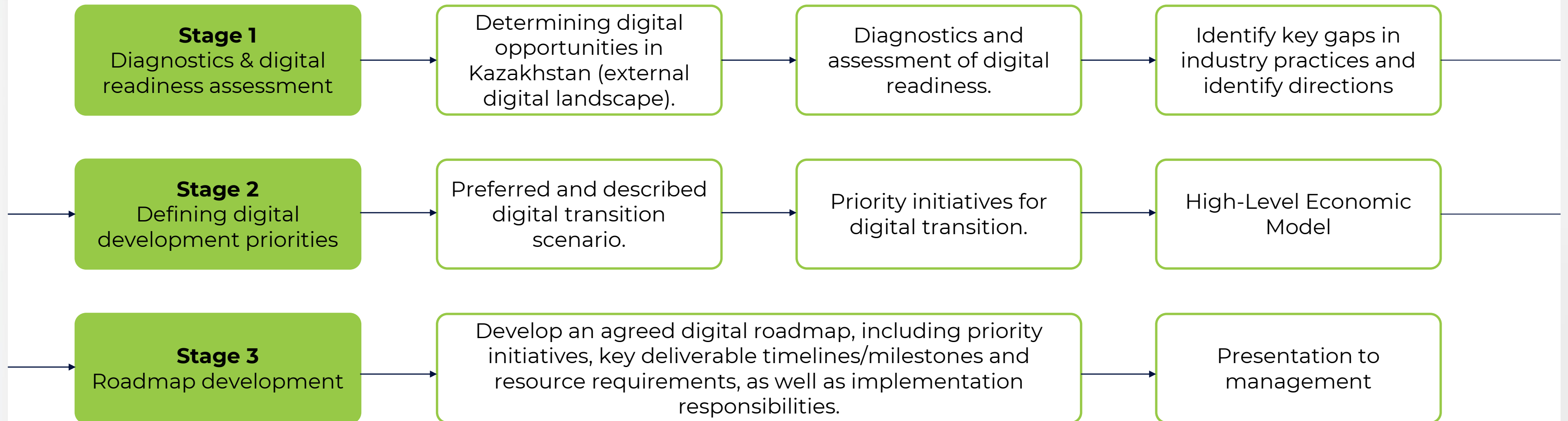


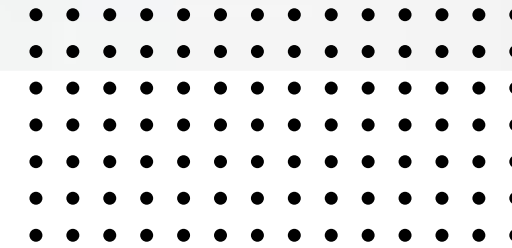
iOS & Android apps



MN Partners & EY

Joint project with EY for KPO, “KPO digital development strategy and roadmap”





About NAC Kazatomprom

NAC Kazatomprom JSC is the national operator of the Republic of Kazakhstan for the import and export of uranium, rare metals, nuclear fuel for nuclear power plants.

Kazakhstan is the largest uranium producing country in the world, accounting for **46%** of the global uranium supply in 2021.

In addition, due to their geological characteristics, the majority of uranium deposits in Kazakhstan are ISR conducive, meaning **Kazakhstan accounts for approximately two-thirds of the total global reserves** suitable for ISR extraction.

46%

Global uranium primary supply in 2021 (Kazakhstan)

24%

Of total global primary uranium supply in 2021 (Kazatomprom)

In 2022, the top 10 companies by production contributed over 90% of the world's uranium production:

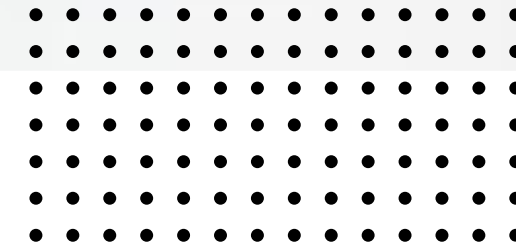
#	Company	Tonnes U	% of world total
1	Kazatomprom	11,373	23
2	Cameco	5675	12
3	Orano	5519	11
4	CGN	4627	10
5	Uranium One	4454	9
6	Navoi Mining	3300	7
7	CNNC	3247	7
8	BHP	2813	6
9	ARMZ	2508	5
10	General Atomics/Quasar	1740	4
11	Other	4098	6
Total		49,355	100

<https://world-nuclear.org/information-library/nuclear-fuel-cycle/mining-of-uranium/world-uranium-mining-production.aspx>



NAC Kazatomprom JSC

INFORMATION SYSTEM "SITUATION CENTER"



OBJECTIVES OF THE SYSTEM

- **Centralized collection** data from various sources.
- Processing and storage data.
- **Monitoring** environment and providing detailed information occurrent situations.
- **Planning, coordination** and **control** acceptance decisions.
- **Calculation estimates** results adopted decisions.

MAIN SUBSYSTEMS

- Subsystem **collection data**
- Subsystem **directories** and **classifiers**
- Subsystem **analysis** and **building** infographic
- Subsystem formation **shop windows data**
- Subsystem **visualization** high permissions for video walls and for workers stations
- Subsystem **distribution** right access.



350+

users

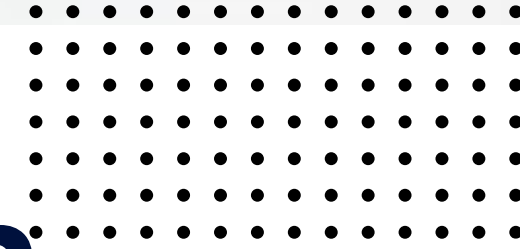


40+

organizations



Digitalization of Kazakhstan



#28

E-government Development Index worldwide by UN

#7

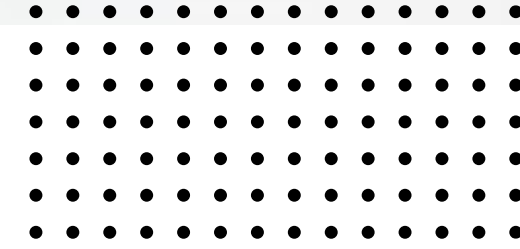
E-government Development Index Asia region by UN

“As a global recognition, **Kazakhstan** was highly **rated as TOP 3** in the UNDP and AWS Institute “**Future Government Awards**” category, along with this we were **awarded TOP 1** in the “**Inclusive Digital Transformation**” category at the World Government Summit in Dubai this year.”





IS "AUTOMATATION OF PUBLIC SERVICES"



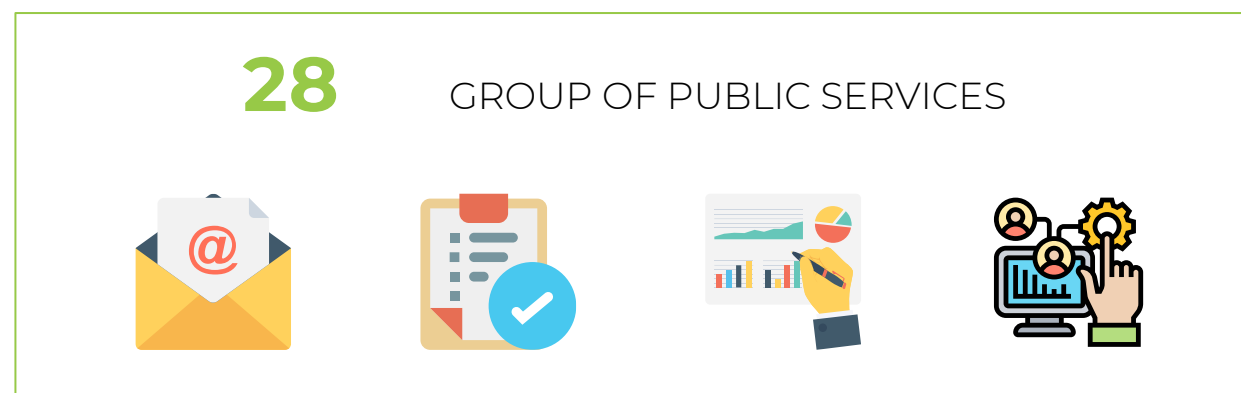
e⁺gov



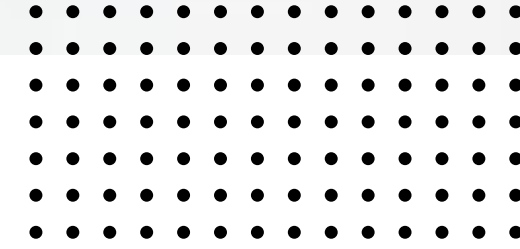
48 000+
users

Goals:

- Provision of public services online
- Constant monitoring and increased control over the timing of services provision
- Minimization of a human factor when providing services
- Formalization, unification and standardization of decision making processes
- Reduction of service delivery time.



ESB FOR PROSECUTOR GENERAL'S OFFICE



SYSTEM OF INFORMATION EXCHANGE OF LAW ENFORCEMENT, SPECIAL STATE AND OTHER BODIES OF THE PROSECUTOR GENERAL'S OFFICE OF THE RK - SIE LSO

IS "SIE LSO" — a system designed to provide employees of law enforcement, special government and other bodies of the Republic of Kazakhstan with access to information systems of government bodies to obtain information necessary for criminal, administrative, civil paperwork and other functional duties.



21 000+
users



20+
state bodies



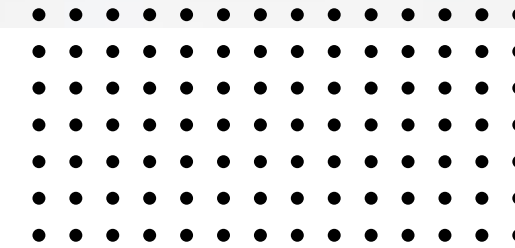
80+
integrations

Increasing the efficiency of information exchange

Reduction of time for processing, analysis

Increasing the effectiveness of the fight against crime, crime prevention

National Educational Database (NEDB)



Centralized collection and storage of data about educational institutions



Generation of analytical reports, statistics and industry development indicators



Automation of control functions over the activities of educational organizations



Increasing the reliability of information about objects and subjects of education through integration with government databases and information systems in the education sector



10 000+

Educational organizations



70 000+

users

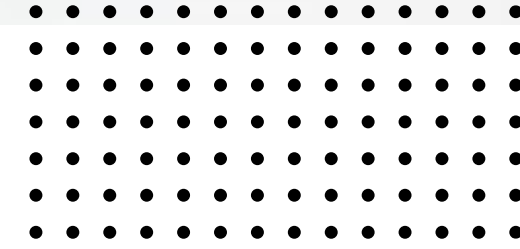


MN PARTNERS

OUR PRODUCTS



ELECTRONIC DOCUMENT MANAGEMENT



Improves the efficiency of management processes.



Reduces operating costs.



Improves control and increases information security.



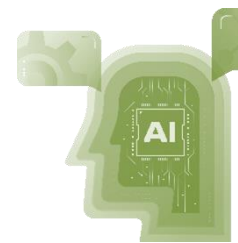
Workflow optimization.



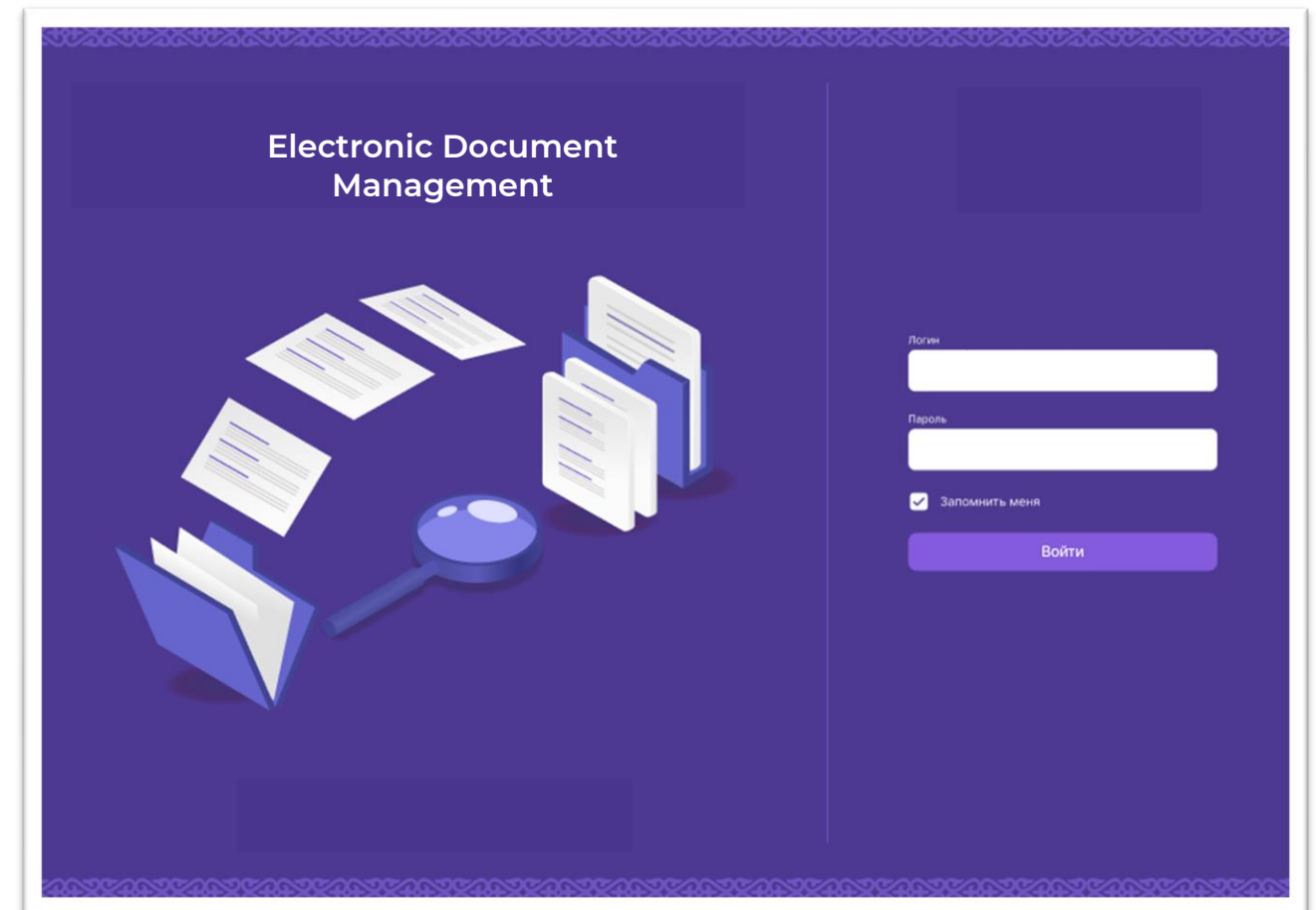
Integration with Single e-Workflow System of government agencies (SEWS)

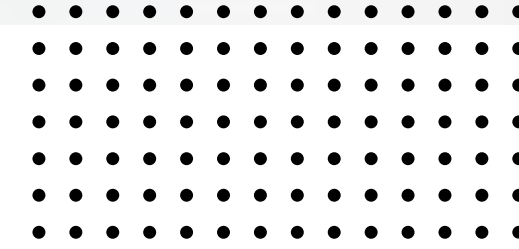


Signing documents with digital signature keys (NCA of RoK).



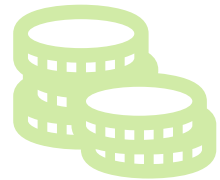
We use AI for text recognition.



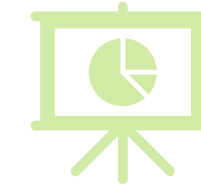


SMART PROCTOR

Proctoring is a procedure for control during online exams or testing, where an administrator, known as a proctor, observes the entire process. They monitor the examinee's actions through a webcam and see what is happening on the screen of their computer.



Savings in both money and time for organizing computer classes to conduct online exams.



Objective test results.



Convenience passing - the examinee can log in to the system from anywhere in the world.



Creation safe remote spaces for workers and respondents.



MN PARTNERS

OUR CONTACTS

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www.mnpartners.kz