

ABiTech

ASCOA

Automated system for fixed asset and warehouse management.



About us

Founded in 2003, ABiTec specializes in RFID-based IT services for automating business processes in Kazakhstan. It's one of the top four innovative companies in the country.



The award for the most innovative solution with RFID technology

"KazAeronavigation" (USA, Orlando, 2018)
JSC NC "KazMunayGas" (USA Las Vegas 2022)
RFID Journal Live



Software Developer



TOP-4

Innovative companies for automation of production tasks



Leader in Development

and introduction of digital RFID technologies

Project objective

RFID-Based Automation for Accounting and Inventory Management of Assets and Materials."

Reduction

- Reduction of inventory time by several times
- Reduction of time for the formation of inventory acts
- Simplifying the inventory process

Security

- Transparency of material liability by detailed accounting.
- Minimization of the human factor
- Convenient and comprehensive reporting movement and inventory of fixed assets.
- Accounting for MRPs and fixed assets users
- Quick search for a fixed assets using RFID tags

ASCOA

(Automated System of Control and Operational Accounting)



Officially registered
software in Kazakhstan



Multilingual interface
(English, Kazakh and
Russian)



Implementation at large
enterprises of Kazakhstan,
in various industry sectors



Digital Passporing
lens and equipment (RFID)

Stages: ASCOA-Management of fixed assets, goods and materials

Automated Control and Operational Accounting System

Planning

- Current list of employees, divisions, fixed assets
- Maintaining movements by actual locations and by current users of fixed assets, warehouses
- Formation of Tasks for inventory by departments
- Issuance of Tasks to Specialized Mobile Terminals (SMT or smartphones)

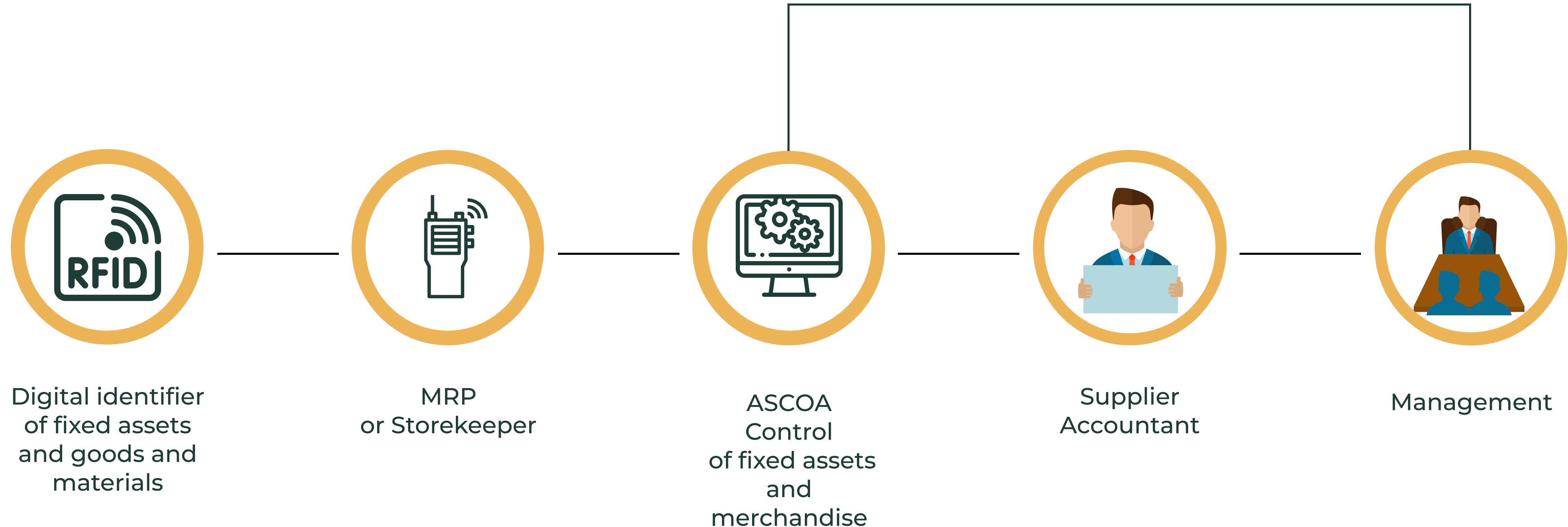
Control

- Online Inventory Control
- Control by Executers
- Control by equipment (RFID identifiers at accounting facilities)
- Inventory start and end control
- Monitoring the non-working condition of fixed assets (photo report and description of defects)

Accounting

- Accounting for divisions, accounting responsible people, actual locations and current MRPs, Users of fixed assets
- Accounting for each fixed asset
- Automated inventory and reporting
- Transferring credentials to other systems

ASCOA Management of fixed assets, goods and materials



Inventory control

Possibilities

- Monitoring the availability of inventory items in warehouses in real time
- Quick search for any unit of goods in the warehouse by the signal of its unique radio tag
- Monitoring the implementation of the inventory and its results
- Control over attempts of unauthorized removal of inventory items from the territory
- Control over financially responsible employees
- Automation of reconciliation of accounting data
- Creation of a single database of inventory items and RFID tags
- Control of posting and release of inventory items
- Planning and conducting inventories

Implementation effect

- Automated warehouse accounting system;
- Optimization of operational control by the management;
- Minimization of losses at all stages of the supply chain;
- Increasing the speed of obtaining and processing efficiency of operational information at all controlled levels;
- Minimization of operational accounting costs;
- Ensuring transparency of management;
- Reduction of commercial losses;
- Obtaining reliable information;



+7 (777) 470 44 65

Ravshan Rakhmatullayev CEO

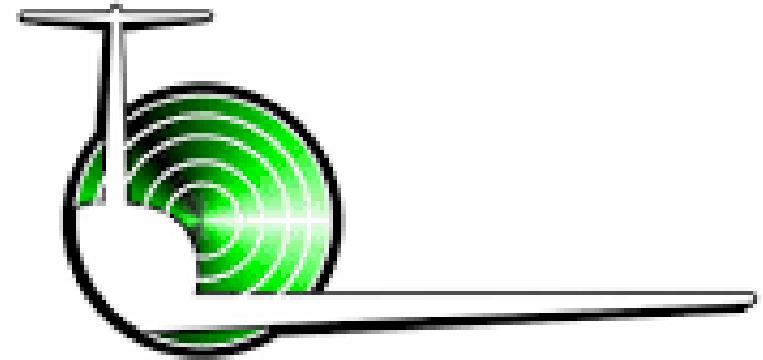
info@abitech.kz
www.abitech.kz



КазМунайГаз
NATIONAL COMPANY УЛТТЫҚ КОМПАНИЯСЫ



**ҚАЗАҚСТАН
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ТОО ШАТЫР



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