

Платформикс

**We create, protect
and develop corporate
IT infrastructures**

Platformix corporate presentation

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Basic Solutions Group of companies

Basic Solutions group of companies aims to offer Russian enterprises a full range of necessary solutions and services for building reliable sanctions resistant corporate information infrastructures, including producing IT equipment and comprehensive information security



Platformix

Expert in creation, protection
and development of corporate
information infrastructures

System integrator Platformix has been operating on the Russian IT market since 1992.

The company provides customers with a full range of services related to infrastructure integration and information security in modern enterprises, focusing on the implementation of replicable solutions

Field of activity

Creation, protection
and development of
corporate information
infrastructures

Geographic Presence

Russian Federation,
central office
in Moscow

Customers

Companies operating
on the Russian market,
regardless of IT
infrastructure scale
and market verticals

Partners

Leading IT equipment
manufacturers and
software developers
present on the Russian
market

Platformmix

Key figures give
an introduction of the scope of
the system integrator

○ over **70**

subjects of the Russian Federation
covered by the company's business
activities

○ over **2500**

companies from various industries
are regular customers of Platformmix

○ over **60 thousand**

systems are annually supplied
to the company's customers

○ over **400 thousand**

engineering man-hours are annually
involved in the company's projects

Key Values



Direct relationships
with manufacturers



Development of all
levels of IT infrastructure



Flexible financial
conditions in
collaboration with
customers



Efficiency in the
implementation of projects
of any scale



Transparent
and efficient
company structure



Own centers
of expertise



High efficiency
of customer IT
investments
due to the
implementation of
replicable solutions



Professional pre-sales
and post-sales services

Replicable solutions advantages

Each task is unique, but most tasks can be solved in a typical way – in such cases we offer effective replicable IT solutions



Competitive costs in comparison with individual development



Fast implementation and easy scaling



Proven in practice many times, which means solutions are worked in detail and very reliable



High level of support



Solutions integration guaranteed

Key Partners



Solution portfolio

Platformix offers replicable solutions in the field of IT systems integration enabling the organization of efficient business processes

IT infrastructure components



Information security



Integrated infrastructure solutions



Digital solutions



IT infrastructure components

- Computing platforms and data storage systems
- Data communication networks, multimedia and communication systems
- Engineering systems
- Infrastructure software

Computing Platforms and Data Storage Systems

- Computing
- Storage
- Hyperconverged infrastructure (HCI)
- Storage area network (SAN)
- Data backup and recovery
- Tape libraries

Networks, communications and multimedia

Network solutions

- Corporate networks
- Software defined networks (SDN)
- Wireless networks
- Traffic optimization and management systems

Communication Solutions

- Videoconferencing
- Collaboration solutions
- Unified communications
- Contact centers

Multimedia Solutions

- Video display systems
- Video switching and video processing systems
- Audio switching and audio processing systems
- Presentation systems
- Recording and logging systems
- Sound reinforcement systems
- Audio and video source systems
- Multimedia equipment control systems

Engineering Systems

Infrastructure subsystems

- Structured cabling systems
- Cable duct systems
- Systems of mounting cabinets and constructs
- Raised floor systems

Monitoring and maintaining of the environmental parameters

- Air conditioning systems
- Ventilation systems
- Heating systems
- Water treatment and humidity maintenance systems

Power supply of objects

- Uninterruptible power supply systems
- Guaranteed power supply systems
- Domestic power systems
- General and emergency lighting systems
- Power distribution systems
- Grounding and equipotential bonding systems

Physical security systems

- Intelligent physical security systems
- Video surveillance systems
- Perimeter security systems
- Access control and management systems
- Automated gas fire extinguishing systems
- Fire and security alarm and warning systems
- Gas and smoke exhaust systems

Infrastructure Software

- Server and client virtualization
- System-wide infrastructure services
- Relational database management systems
- Data management and data masking
- Monitoring and audit of IT infrastructure
- Migration of infrastructure to and from the cloud
- Cloud management systems
- Optimization of license capacity
- Printing management systems

Integrated infrastructure solutions

- Data centers
- High-Performance Computing Clusters (HPC) and Data analysis systems
- Data backup and disaster recovery systems
- Virtual desktop infrastructure (VDI)
- Situation centers

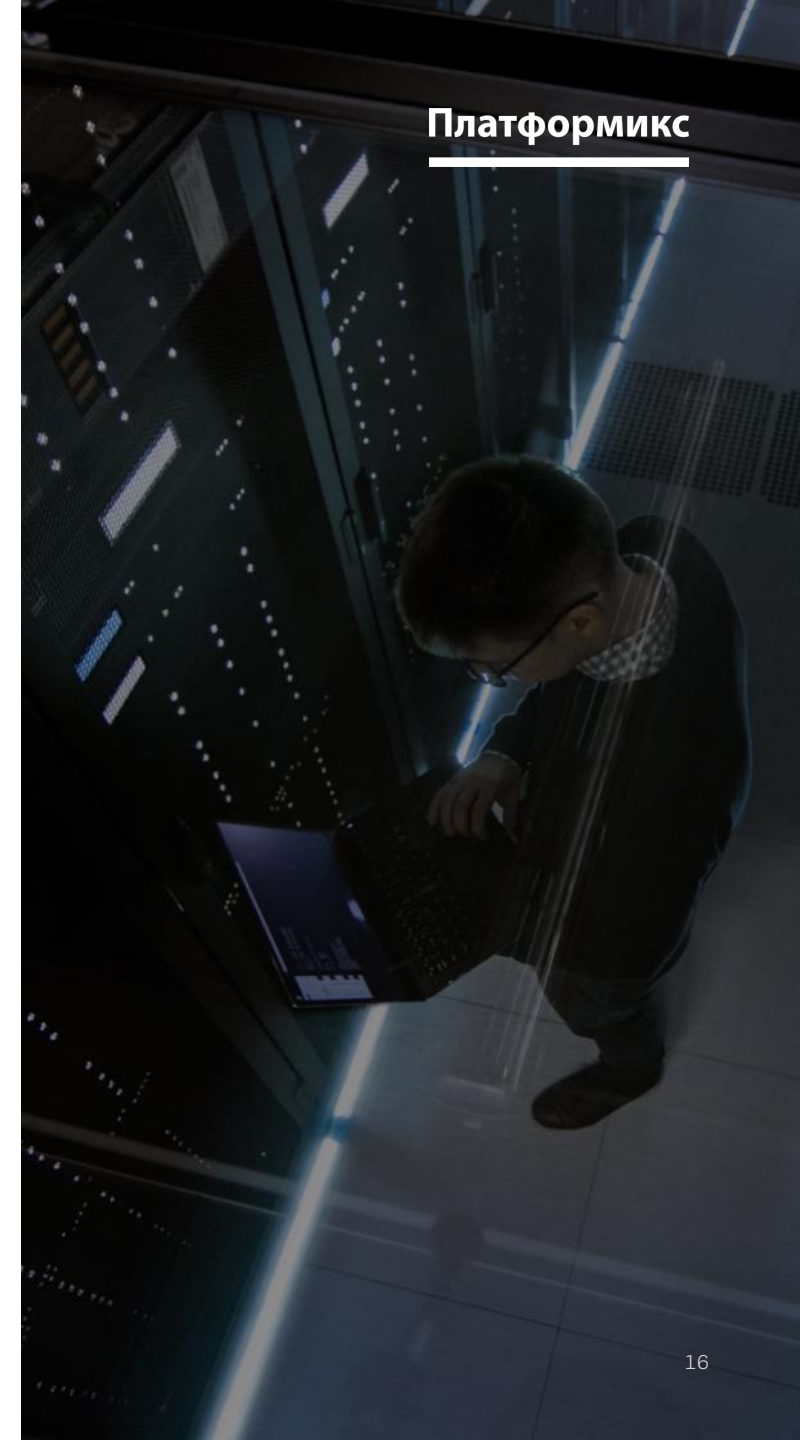
Data Centers

Everything must be thought out in the data center: the physical placement of servers, cabling, power and cooling systems, and much more. Only in this case, the server hardware will work without interruption

We have all the necessary competencies to build modern data centers (from mini to mega data centers) from scratch

- By type of construction: container, stationary, mobile
- By purpose: main, backup
- By level of fault tolerance: up to the level of certification Tier IV*

* Practical experience in building Tier III data centers



High performance computing clusters and data analysis systems

High Performance Computing (HPC) reduce the design time for new products in manufacturing, help to discover patterns in huge amounts of data in the financial sector and trade, accelerate fundamental research in scientific organizations

We create powerful analytical systems in dozens of enterprises from different industries to solve tasks with various types of loads:

- Tightly coupled loads
- Massively parallel loads

For your tasks, we will select an HPC cluster consisting of:

- Control and computing nodes including GPUs
- Storage systems
- Interconnected systems
- Auxiliary engineering systems to ensure uninterrupted operation



Data backup and disaster recovery systems

Incidents happen even in the most reliable IT systems, so it is impossible to conduct business without data backup and disaster recovery procedures in place

We will provide the best Recovery Time Objective (RTO), Recovery Point Objective (RPO) and Recovery Capacity Objective (RCO) for all critical business applications

- Backup software selection
- Data storage systems selection
- Development of backup and disaster recovery plan
- Determining the backup order

Virtual desktop infrastructure

We will provide your employees with remote access from anywhere in the world ensuring the highest level of data security

Our team follows an integrated approach in solving the task of organizing user workplaces, being responsible for the result at every stage

- Designing software and hardware of a fault-tolerant solution
- Ensuring complex information security
- Preservation of previous investments by maximizing the use of the existing hardware and software when designing the new infrastructure of user workplaces



Situation centers

Despite the rise in automation many important decisions are still human-only. In real time information from various monitoring systems gets into the situation center and is displayed in a convenient form for analysis, allowing timely responding to any incident

We offer modern approaches to ensure the transmission, presentation and management of information getting into the situation center. We strive to provide dispatchers with convenient software and hardware and create working conditions that allow quality and efficiency in tasks solving

- Information display systems
- Means of information processing and presenting
- Specialized hardware (including motorized) to equip the dispatcher's workplace
- Centralized room control systems
- Personal control and information processing systems



Digital Solutions

Industrial internet of things

Digital transformation improves production efficiency: accelerates the development of new products, optimizes material flows, monitors equipment state, improves labor safety and more

Corporate Digital Spaces

We transform offices, workshops, laboratories, warehouses and retail spaces with the help of modern technologies, making the working environment more comfortable and safer, and the customer experience brighter

Industrial Internet of Things

IIoT technology platforms	Radio frequency identification	Personnel and vehicle tracking	Virtual and augmented reality	Technological video surveillance
<ul style="list-style-type: none">• Enterprise Private LPWANs• Ready-made infrastructure to support digitalization initiatives• Typical kits for remote monitoring of equipment, environmental monitoring, technical accounting of resources	<ul style="list-style-type: none">• Inventory and control of movements of tangible assets• Ensuring traceability of production processes• Accounting and control of the use of special manual tools	<ul style="list-style-type: none">• Logistics and control of mobile repair and service teams• Tracking the physical condition of workers in hazardous industries• Control of the availability of personal protective equipment, workplace safety and other tasks	<ul style="list-style-type: none">• Remote support tools using augmented reality• Mobile assistants for finding hidden objects, providing logistics, conducting inspections• Virtual simulators, personnel training and testing systems	<ul style="list-style-type: none">• Intelligent monitoring of production processes• Analytics of highly loaded mechanisms• Remote reading of data from control and measuring equipment

Corporate Digital Spaces

Interactive solutions

- Management of shared resources (parking lots, premises, workplaces)
- Digital intra-office communications and corporate TV
- Multimedia equipment for offices, factories, retail outlets

Intelligent video surveillance

- Digital security video surveillance
- Video analytics services for industry-specific tasks
- Automation of the passage of vehicles in parking lots and checkpoints

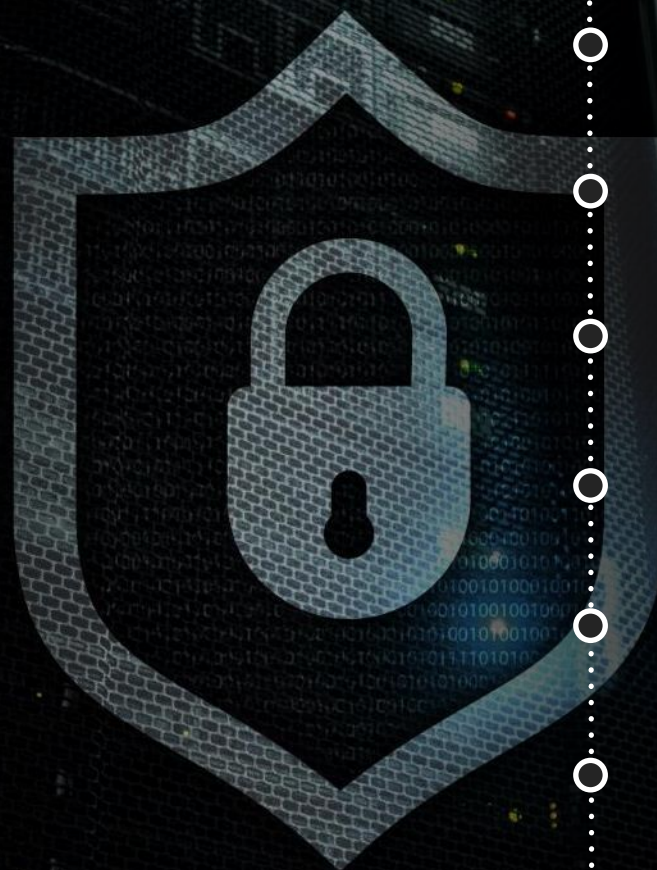
Biometric services

- Barrier-free and secure access to the office or on the territory of the enterprise
- Temperature measurement and control of masks at checkpoints in automated mode
- Automated delivery, accounting and storage of keys to premises and vehicles

Complex security of facilities

- Complex enterprise perimeter security
- Consolidation of data and physical security management processes

Information security



○ Compliance with requirements and standards

○ Consulting, audit and security analysis

○ Protection of infrastructure and information systems

○ Authentication and access control

○ Monitoring and response to information security incidents

○ Specialized information security solutions

○ Application development Security

Compliance with requirements and standards

- Protection of objects of critical information infrastructure
- Protection of personal data
- Protection and certification of State information systems
- Compliance with the requirements of the Central Bank of Russia
- Information security management systems according to ISO/IEC 27001
- Requirements fulfillment of SWIFT infrastructure protection
- Protection of commercial secret information

Consulting, audit and security analysis

- Complex audit of information security
- Strategic consulting in the field of information security
- Information security risk assessment
- Security analysis of information systems
- Penetration testing (pentest)
- Continuous monitoring of perimeter security

Protection of infrastructure and information systems

- Integrated information security systems
- Network security (FW, IPS, VPN, AntiDDoS)
- Endpoint protection (AV, EPP, MDM)
- Database security (DBF)
- Web application firewall (WAF)
- Communication protection (WSG, ESG, VDR)
- Protection against targeted attacks (APT, zero-day protection)
- Virtual infrastructure protection
- Data leak protection (DLP)

Authentication and Access Control

- Multi-factor authentication (MFA)
- Implementaion of the Zero Trust Network Access model (ZTNA)
- Privileged account management (PAM/PIM/PUM)
- Certificates, smart cards and tokens management
- Identity management, governance and administration (IDM/IGA)
- Unstructured data access governance (DAG)
- Network access control (NAC)

Monitoring and response to information security incidents

- Development of information Security Operations Centers (SOC)
- Development of State systems for detecting, preventing and eliminating the consequences of computer attacks («GosSOPKA») segments
- Inventory of information resources
- Security information and event management (SIEM)
- Information security incident management (IRP/SOAR)
- Information security vulnerability management (VM)

Specialized information security solutions

- Security and control of remote employees
- Data center security
- Protection of cloud services and applications
- Protection of automated process control systems



Application development security

- Security audit of development processes
- Analysis of source code and application security
- Secure containerized environments
- Implementing DevSecOps

Our Service

- Improvement of IT infrastructure efficiency
- Transition to sanctions independence
- «Digital polygon»
- IT infrastructure support
- Additional services

Improvement of IT infrastructure efficiency

A complex audit and analysis of the IT infrastructure allows you to identify «hidden reserves» and use them to extend the life of the existing infrastructure and increase its resilience

Scope of works

- IT infrastructure audit in order to identify «hidden reserves» and develop plans to improve the efficiency of using the resources of data processing and storage subsystems
- IT infrastructure risks caused by cyber threats and sanctions restrictions analysis
- Development of point and complex solutions to improve the stability of the IT infrastructure

Results

- General description of the existing IT infrastructure, including the summary of the works performed, information about the technical and licensing policy, an assessment of the state of the IT infrastructure
- Assessment of the optimal distribution of resources, including a list of «hidden reserves», shortcomings and «bottlenecks»
- List of risks caused by cyber threats and sanctions restrictions
- Proposals (portfolio of projects, budget estimates, roadmaps) to improve the efficiency of the use of existing resources and reduce sanctions and information security risks
- Proposals (portfolio of projects, budget estimates, roadmaps) for a long-term IT infrastructure development program

Transition to sanctions independence

Platformix cooperates with sanctions independent hardware and software manufacturers, conducts its own research activities and generalizes the experience gained in the framework of project activities in order to provide customers with effective and reliable solutions for typical IT infrastructure development tasks

Replicable solutions for IT infrastructure based on sanctions independent hardware and software

- Server virtualization
- Software-defined storage
- Data backup and disaster recovery
- Computing and network infrastructure
- Engineering infrastructure of the data center
- Virtual desktop infrastructure
- Complex automation of workplaces and secure access
- IT infrastructure monitoring
- Unified communications (telephony, video conferencing, e-mail)
- Complex information security

01

Audit of existing IT infrastructure

02

Analysis of the possibilities of replacing infrastructure subsystems with sanctions-independent ones

03

Design of the target sanction-independent IT infrastructure

04

Development of the transition strategy to the target IT infrastructure

Digital Polygon

«Digital Polygon» is a reliable way for finding and selecting optimal solutions based on sanctions independent hardware and software for the development of IT infrastructure

IT infrastructure for demonstrating capabilities and testing replicable solutions based on sanctions independent hardware and software

Staff training without impact on the productive environment

Working out information security incidents

Implementation of joint research activities in order to form software and hardware systems for solving specific task of customers

Working out practical aspects of migration to sanctions independent solutions

IT infrastructure support

System integrator Platformix provides hardware warranty and post-warranty services

Hardware maintenance without the support of original manufacturers

Carrying out periodic maintenance work

Solving tasks related to the operation and reconfiguration of equipment

Modification of standard service packages according to customer needs

Proactive remote monitoring of the status of support objects

Additional Features

Take advantage of additional opportunities to improve the efficiency of IT investments

We help manage purchases

We will allocate warehouse space for you and ensure effective procurement management for months and even years ahead. Advantage - lower prices and shorter delivery times than with one-time projects

We maintain a large warehouse of equipment

Do not wait until the ordered equipment arrives from abroad: all the most popular models are always in stock in our warehouse

We help with financing

Purchase IT equipment together with one of our partners – leading leasing or credit organizations

We quickly and carefully deliver to anywhere in Russia

Sophisticated IT equipment requires special transport conditions which we strictly follow

We share expertise

Get personalized advice from technical experts at our demo center. Participate in our seminars, round tables, master classes and other events on topics that interest you

Project experience

Thanks to IT infrastructure
from Platformix

**millions of spectators watch
their favorite programs on TV
and on the Internet**

VGTRK digital archive

stores over 500,000 hours of video
in original quality and provides quick
access to any frame

“

Previously, tens of thousands of physical
media were stored on hundreds of shelves
in several huge rooms. Now materials are
instantly delivered to any VGTRK platform,
and journalists and editors can find any
frame they are interested in a few minutes.

”

Pavel Moshkin,
Director of Integrated
Solutions Department, Platformix

Supercomputer for the Joint Institute for Nuclear Research

is one of the most productive in Russia for scientific research

“ We chose a system integrator based on the experience in building computing platforms based on GPU accelerators. The GPU component of the «Govorun» supercomputer is ideal for solving tasks of machine and deep learning, modeling quantum chemical systems using quantum computing simulators, and visualizing the results of modeling complex processes. ”

Dmitriy Podgainiy,
Head of the Sector of Heterogeneous Computing and Quantum Informatics of the Laboratory of Information Technologies. M.G. Meshcheryakova JINR

Thanks to IT infrastructure from Platformix

cutting-edge scientific researches are conducted

Thanks to IT infrastructure
from Platformix

**spectators learn about the
exploits of modern, historical
and artistic heroes
of the country**

Data storage system of TV and radio company Zvezda

allows you to get quick access to any
of the tens of thousands of television
and radio materials

“

Import substitution has become an important task for a wide range of Russian enterprises, while compromises in the field of equipment quality are often unacceptable. The supplied solution fully satisfies the requirements of the Zvezda shopping mall in terms of functionality, performance and level of service.

”

Shamil Aminev,
General Director of LLC Sila

Rosbank private cloud

provides the business needs of the bank for years to come and allows to store more than a petabyte of data

“

The future of the financial industry is closely linked to cloud technologies: thanks to their flexibility, they allow you to quickly adapt to the daily changes in the world around you.

”

Sergey Kunakin,
Director of the Department
“Financial Institutions”, Platformix

Thanks to IT infrastructure
from Platformix

**Russians use high-quality
banking services**

Thanks to IT infrastructure
from Platformix

**aircraft engines and industrial
turbines are manufactured**

New data center ODK-Permskie Motory

has a reliable and fault-tolerant infrastructure that takes into account the vector of enterprise digitalization

”

Reliable solutions were chosen for the data center, excluding possible negative external influence on its operation. For example, the power supply and air conditioning systems of the data center are double redundant in all respects.

”

Evgeniy Knekov,
Head of Project Execution Department,
Platformix

Thanks to IT infrastructure
from Platformix

**tens of thousands of people all
over Russia buy sports goods
every day**

Decathlon network infrastructure

unites more than 60 stores in Russia
with each other and with data centers
in France

“

The need to improve the quality and
security of traffic on an international scale
and the gradual obsolescence of
equipment created the prerequisites for a
complex transformation of our network
infrastructure.

”

Zeeshan Nurani,
Chief Information Officer
Decathlon Russia

Thanks to IT infrastructure
from Platformix

**Russian fertilizers improve crop
quality in more than 100
countries around the world**

PhosAgro's new data center

supports the business processes
of Europe's largest producer
of phosphate fertilizers

“

As part of this project, in the shortest possible time, we not only created an engineering infrastructure that meets the highest modern standards, but also carried out all the necessary construction work to prepare the space for the data center.

”

Dmitriy Tsypin,
Deputy CEO of Platformix



Thanks to IT infrastructure
from Platformix

**Russian aircrafts
are created**

Virtual desktop infrastructure of Sukhoi Civil Aircraft

Is used by 1400 employees,
400 of them have access to graphic
applications for technical design

“

The virtual desktop infrastructure has comprehensively solved all the tasks associated with the creation, provision and support of virtual desktops. Storage Security Released to a new level.

”

Aleksandr Malko,
Deputy Director of Integrated
Solutions Department, Platformix

ZapSibNeftekhim network infrastructure (part of SIBUR)

covers multi-service data transmission systems, technological video surveillance systems and IP-telephony

”

After the implementation of the project, the production complex received a functional space with modern and reliable data transmission systems.

”

Pavel Kozlov,
Marketing Director of Platformix

Thanks to IT infrastructure
from Platformix

**polymers are produced
at Russia's largest
petrochemical complex**

Ochakovo unified telecommunications network

unites the head office in Moscow with branches throughout Russia

“

The organization of a unified telecommunications infrastructure made it possible not only to optimize key business processes, but also to significantly reduce the cost of maintaining and operating the corporate network.

”

Ivan Demin,
Head of Information Technology
Department Ochakovo

Thanks to IT infrastructure
from Platformix

**the most popular kvass
in Russia hits the shelves
on time**

Thanks to IT infrastructure
from Platformix

**geologists in the Far North are
looking for and developing
new oil fields**

Data recovery system for Total

allows the geological department not
to interrupt work even in the event
of an emergency

“

Information systems were identified that
process data that is critical to the
continued operation of the unit. The
implemented DRP solution was tested
during the emergency scenario.

”

Pavel Moshkin,
Director of Integrated
Solutions Department, Platformix

Thanks to IT infrastructure
from Platformix

**operates the main stevedore
of the coal industry in Russia**

Vostochny Port modernized IT infrastructure

provides loading of more than
26 million tons of coal per year
on large-capacity vessels

“

New server hardware and software made it possible to guarantee the stable operation of key business applications, reducing the cost of maintaining and supporting the IT infrastructure.

”

Irina Koval,
Deputy General Director,
Procurement and Logistics Director
of Platformix

System integration is a team play

Tell us about your task
and we will offer a solution

platformix.ru

37A, bld.4, Leningradsky Avenue, Moscow,
125167, Russia



8 495 967 80 50 for calls
from Moscow



8 800 600 33 55 for calls
within Russia



info@platformix.ru

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