



INPOLUS

Integration Platform



Inpolus
Information technology

Data Logistics

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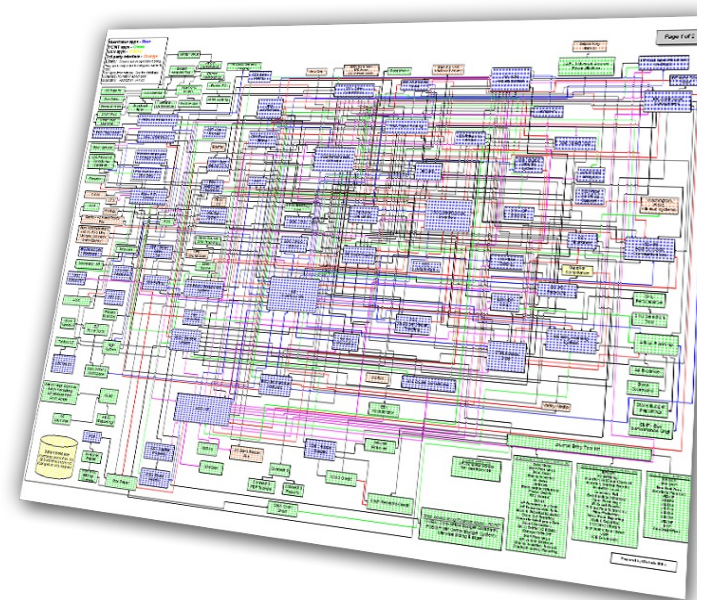
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Data Logistics

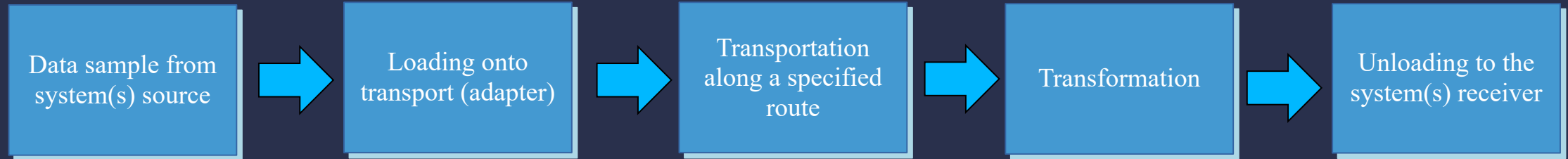
Data logistics is the management of data flows between information systems to ensure security and optimize costs.

Background:

- The need to exchange between heterogeneous information systems and applications with different sets and formats of data.
- The increasing number of heterogeneous information systems and applications.
- The increasing complexity of exchange scenarios (how, where, when data is transmitted\received).
- The increasing number of errors in data exchange.
- The increasing security requirements.
- The increasing costs of data exchange.



The main stages of the logistics chain



It is important to note that:

- The generation, storage, and processing of data in information systems is not the subject of data logistics.
- Data loading is performed using an adapter/connector in various ways (REST, SOAP, JMS, FTP, SFTP, etc.).
- During the transportation phase, all routes are detailed and can be complex.
- Transformation involves modifying data and potentially enriching it from external systems.
- Data unloading can also be performed using an adapter/connector in various ways.
- Logging and monitoring are important at all stages.

Basic costs

- Staff costs (business + IT).
- HW + SW + Utilities costs.
- Functioning costs (transfer speed, load, cost of changes/additions, number of errors).
- Security costs.



Important:

- Direct and indirect costs.
- Exchange level requirement (Enterprise).
- Compliance with legislation (security, import substitution).
- Return on investment (ROI).
- Comprehensive approach.

Automation of logistics processes is an effective way to reduce costs.

Automation of logistics processes

The main objective is to create a unified integration environment that provides automatic secure data exchange between various IT systems based on exchange scenarios (services) of varying complexity.

INPOLUS ® Integration Platform provides seamless integration of systems and applications.

Centralized secure management, control, and processing of data exchanged between information systems and applications, through the development of integration scenarios (integration/business services) that operate in a unified transport environment.

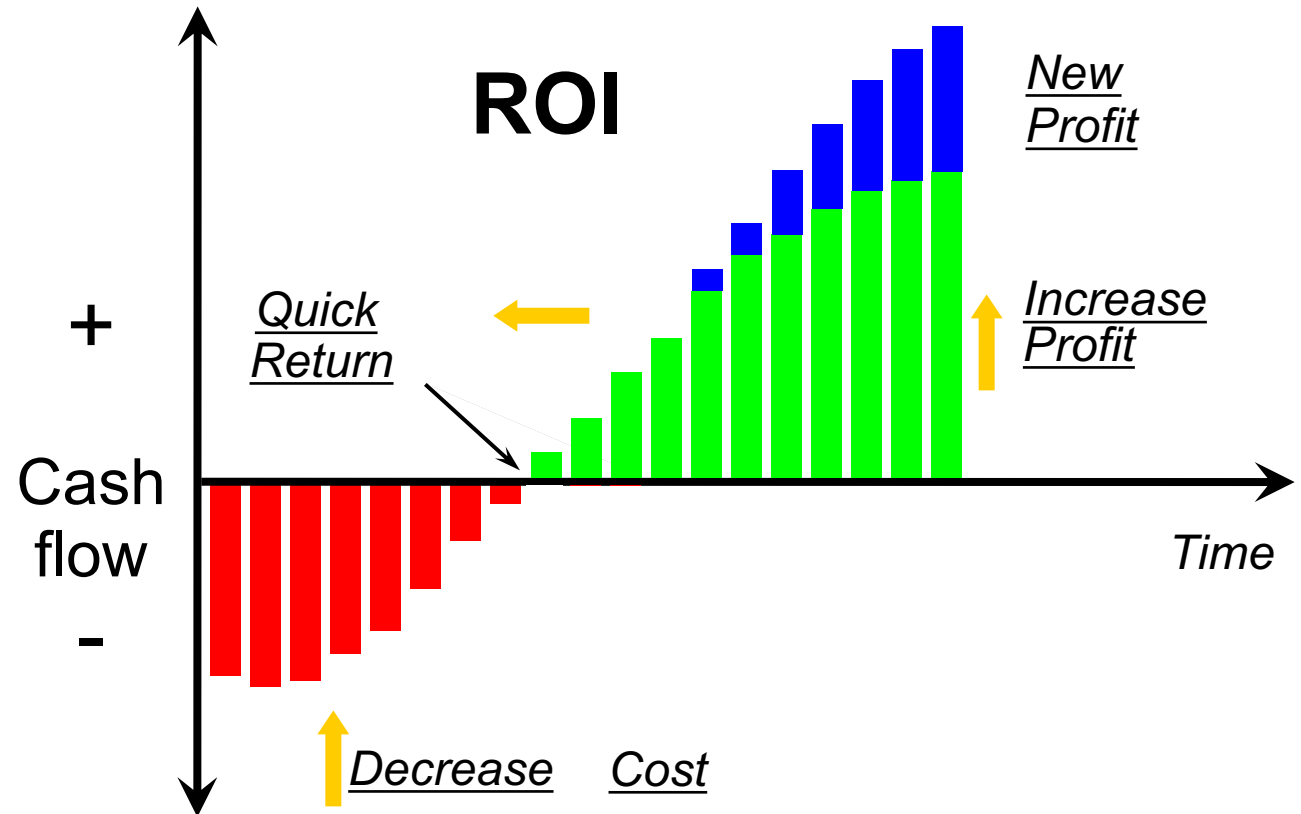
- Easy installation and operation – reduces implementation costs.
- Enterprise-level, provides the required level of reliability and load.
- Supports various protocols for security.
- Provides a service lifecycle management tool.
- The low-code platform reduces the cost of refactoring and implementing new functionality.
- Provides built-in monitoring, tracing, and auditing capabilities.
- Has a flexible licensing and pricing system.



Cost reduction and ROI

Cost reduction through:

- Automation of exchange processes and easy organization of new processes.
- A single unified, clear policy of licensing and pricing.
- Reducing the number of exchange errors.
- Having transparent management of the life cycle of services.
- A low-code approach to service development.
- Centralized management and control.



It is enough to compare how logistics processes work with and without automation.

INPOLUS ® Integration Platform



REGISTER OF
SOFTWARE

INPOLUS® ESB is a corporate bus for developing and executing logistics processes.



REGISTER OF
SOFTWARE

The INPOLUS® Registry is a unified environment for describing and managing the lifecycle of services.



REGISTER OF
SOFTWARE

INPOLUS® Scheduler Script Manager is a unified environment for managing scheduled and event-driven launches.

INPOLUS® Data Corporate Object Storage.

Additional modules:



Monitoring



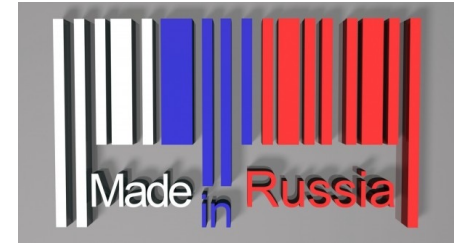
Logging



Automatic assembly

Integration

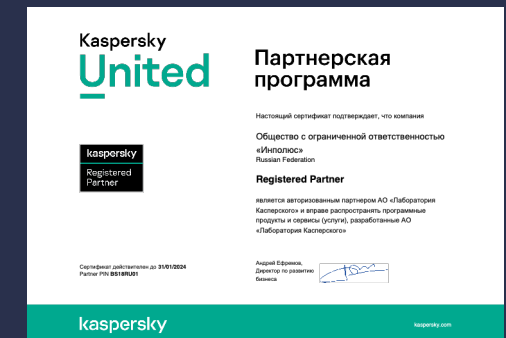
1. Implementation as a new solution.
2. Implementation to replace an existing solution:
 - Without transferring existing integration services (scenarios).
 - With the transfer (migration to a new platform) of existing integration services.



- By own forces.
 - By forces of the partner company.
 - By forces of specialists of the Inpolus company.
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- Monolithic (all scenarios are written and executed by the means of INPOLUS® Integration Platform).
 - Hybrid (major scenarios executed by the means of INPOLUS® Integration Platform, not major by other means).

Advantages of the platform

- Own development of the company Inpolus Enterprise level.
- Fully Russian product, supported and developed by the Russian team.
- Registered in the Register of domestic software.
- Has its own eco environment.
- Provides compatibility with major operating systems
- Implemented at one of the largest enterprises of the country as part of the program import substitution.



The largest migration project

- MMK is the leader of automation in the industry.
- Work in continuous production mode (24/7).
- Uptime-rate of at least 99.5%.
- More than 3000 integration scenarios.
- More than 10000 messages per minute.

INPOLUS® Integration Platform won first place in the "Best IT Solutions for the Metallurgical Industry" competition in the "Infrastructure" category.



About the company

Inpolus LLC is a Russian IT company that has been providing solutions, services and software in the field of IT services and integration technologies since 2009, specializing in the following areas:

- License delivery and technical support of the integration platform - INPOLUS® Integration an enterprise-level platform that allows centralized management of the lifecycle of integration services and ensures the guaranteed interaction of all information systems to implement effective data logistics.
- Development of specialized application services and systems based on the principles of service-oriented architecture (Service Oriented Architecture, SOA), including corporate integration services based on information buses (Enterprise Service Bus, ESB) and business process automation systems (Business Process Management System, BPMS).
- Projects in the field of artificial intelligence.
- Software technical support & maintenance.

17 years of success!

More information:



<https://www.inpolus.ru/platform/>