

About the creators of the product

15

15 years of implementation experience of digital logistics products Solution Architects

20

Developers

Experience with companies:



Experience with platforms:





Bitrix24 SharePoint **bpm**

Offices in 2 countries:





Russia

Kazakhstan

IT Vectura Logistics platform



A single digital logistics space



Scalable solution for all business categories



Solution Constructor – **flexible adaptation** and customization



Cloud and **On-Premise** Platform Delivery Formats



Launch and implementation in **14 days**

The departure of the world's software vendors from the Russian market



The need to replace vendors with locally produced software

General functionality of IT Vectura



YL

- Scheduling gate loading
- Electronic queue management
- Monitor vehicle movements
- Informing drivers and warehouse staff

TM

- "Smart" order planning (application of AI technology)
- Shipment performance
- monitoring 24/7
- Automatic calculation of transport costs
- Operational and analytical reporting

ITV YL BASE							
Data Wizard	Quota	Request for processing	Processing order	Execution tasks	Reporting		
Products/Product Groups	Organizational structure	Manual booking of slots for loading/unloading	Open period/carrier	Manual entry of information on the passage of the machine stages of execution	Plan/fact of execution		
Business Partners	Open/Carrier Management Handbook		directory		Operational Monitor Dispatcher		
Transport network (checkpoints, loading/unloading points) Schedule (loading/unloading time slots)		Create with Excel (Base)	Recording by	Statuses with PPC			
	Warehouse limit directory (m³, SKU, pcs)	Manual quotas	unloading/loading slots	Attaching documents	Loading/Unload Slots Reservation Monitor		
	Quota Directory		Excel/Transport Management System	API with WMS loading/unload tracking system	Data Extraction to the BI system for analytical reports		
Organizational structure	by purchasing groups/carriers		ΑΡΙ				







	ITV YL RAIL			
Quota Request for Request for Processing Pro		Request for processing	Intra-factory Railway logistics	
Automatic calculation of loading/unloading times for specific products/product groups	Automatic booking of slots for loading/unloading	Integration with freight exchange ATI.SU freight exchange	Management of parking spaces	API to receive operations on the factory floor
	Automatic quotas	Automatic recording on the loading window	API with weight	In-plant logistics monitor logistics
	Managing loading and unloading operations			
	Managing shunting operations shunting management			
	Locomotive traction control			









IT Vectura TM Base								
Data Wizard	Contracts	Requirements	Planning	Execution	Calculations	Reporting		
	Agreements	Manual creation of transport needs	Manual route planning	Manual control for the order of transportation	Manual cost calculation	Worklist of needs		
Master data (locations, vehicles, business partners, org structure) Advanced master data (transport zones, schedules, permanent routes)						Single Transport Planning Window		
		Loading of transport needs via Excel	Manual carrier selection		Automatic cost calculation	Dispatcher Monitors		
						Report on completed flights		
				Printed forms (Base)		Tariff Rate Management Report		
		API with external IS to obtain needs	Integration API with WMS/YL		Cost allocation	Charterer's report		
						Data extraction into BI systems (reporting)		









	ΙΤΥ ΤΜ ΜΜ					
Reporting	Requirements	Calculations	Contracts	Execution	Planning	Transportation planning and accounting
KPI of carriers/ drivers	Logistic calculator	Mutual settlements with carriers via the private account	Automatic/manual determination of the winner of the contest	API with tracking services (Omnicom, Vialon)	Automatic carrier selection API for integration with freight exchanges Interaction with the carrier via personal account	Container fleet planning and accounting (including integrated and separate procurement of
			Integration API with tender platforms	Integration with		services Contractual activities with freight forwarders
		Pre-claim activities	Integration API with tender platforms	(Yandex, 2GIS)		Forwarder's portal
				Accounting for fuel		Adaptation of additional functions
				Mobile app for drivers	API for connecting the optimizer	for road and rail transport to the specifics of container shipments
					Automatic / incremental route planning	API integration with freight forwarders to coordinate services and their implementation
					Vehicle load planning	ADI with freight exchanges (specific
	to railways)					
	API with MES					
IMIBASE						API with the automated weight control system
Q1 2023 Q2 2023 Q3 2023 Q4					24 2023	

ITV TM RAIL

Medium-term planning	Customer Relationship Management	Tracking and fleet management	Short-term planning of rolling stock	Dispatching	Maintain reconciliations and mutual settlements
Formation of a	Management of customer requests customer	Integration with ASOUP, ETRAN for wagons, containers, dislocation	Management of GU-12 requisitions (integration with ETRAN for uploading/registering/cancelling/c hanging)	Integration with AC ETRAN by invoices	API for downloading acts from AS ETRAN
transport plan	Contractual activities			Formation offlights	Incoming services reconciliation panel
Calculation of the feasibility of the	with clients	Dispatcher Monitor	Maintaining railway transport plans transport	Formation of hights	Operational control of the EHR
transport plan	Revenue calculation on client applications	(Location Tracking)	Balancing the GU-12 on customer	Restore the document flow (flight - invoice)	API for transferring expenses/income for transportation to accounting systems
Transport Plan Optimization Services	Maintenance of the service catalogue	Hardware Monitor	request customer requests	Calculation of the expenditure part on	
	Customer Portal	Integration with VHDE	the plan of the transport plan for PS, GU-12 on the basis of planning data	invoices Management of railway consignment notes (empty, loaded)	Integration with Rail-tarif
	Calculator "Service Offers"	Monitor Repairs	Managing the security of the of the transport plan (lay-back,		Manage cumulative statements
			abandonment, rerouting, SAR request)	Dispatching of wagons	Management of feed-cleaning lists
	IT VECTUR		Calculation service security of the plan of transportation plan, GU-12 on the basis of planned data	to/from repair	Conducting claim work (incoming,
IM BASE				Printed forms (GU27, GU- 29, SMGS, Russian-	
			API with customs services	Finnish waybill)	Registration of the claim in AS ETRAN
Q1 2023 Q2 2023			Q3 2023	Q4	2023

Plans for the implementation of IT Vectura



1 квартал 2023

2 квартал 2023



Igoshin Mikhail Chief Executive Officer +79150546488

₩ mikhail.igoshin@itvectura.com



Matyukov Dmitry Head of Business Consulting

- +7 903 745 1398
- 🔀 dm@itvectura.com



Isaev Maxim

Chief Commercial Officer

- +7 965 1554664
- 🔀 max.isaev@itvectura.com

Logistics of your processes

- Moscow, Nizhnyaya Krasnoselskaya 40/12/20
 - +7 (499) 673 32 73
- 🔀 info@itvectura.com



Analysis of existing solutions

		IT Vectura	1C	Axelot	EME
(1)		Yard Management	1C: Enterprise 8. WMS Logistics. Warehouse Management	AXELOT YMS X5	EME.WMS
Module	Type of provision	On-premise/Cloud	On-premise/Cloud	Cloud	On-premise/Cloud
	Type of business Electronic queue	Large/Medium/Small	Medium/Small	Large/Medium	Large/Medium
	Informing drivers	✓	✓	×	×
S	Capacity planning	~	×	×	✓
2	Movement control	✓	✓	×	×
>	Interactions with cameras, barriers, RFID	~	×	~	~
0		Transport Management	1C:Enterprise 8. TMS Logistics. Transportation Management	AXELOT TMS X4	EME.TMS
╡	Type of provision	On-premise/Cloud	On-premise/Cloud	Cloud	Северное/Saas
Ğ	Type of business	Large/Medium/Small	Medium/Small	Large/Medium	Large/Medium
Ŏ	Integration Builder	~	×	×	×
W SM.	Execution and Tracking	~	✓	✓	✓
	Transportation planning	~	~	✓	✓
	Maintenance accounting	~	×	~	×
	Settlements with counterparties	~	✓	✓	×
	RouteOptimizer	~	×	✓	✓
		Warehouse Management	1C:Enterprise 8. TMS Logistics. Transportation Management	AXELOT WMS X5	EME.WMS 4.7
	Type of provision	On-premise/Cloud	On-premise/Cloud	Cloud	On-premise/Cloud
	Type of business	Large/Medium/Small	Medium/Small	Large/Medium	Large/Medium
ŏ	Interaction with the TSD	~	✓	~	✓
Σ	Inventory	~	✓	✓	✓
S	Resource management	~	✓	✓	×
Σ	Wave management	~	✓	~	~
3	Plan operations	~	×	×	×
	Inventory management	~	✓	✓	✓
	Digital marking	~	✓	×	×

Yard logistics

Yard management process script | Incoming flow process



Yard logistics

Yard management process script | Outgoing flow process



Transportation Management

Transport logistics processes script | Baseline script



Warehouse Management

Yard management process script | Outgoing flow process



Warehouse Management

Yard management process script | Incoming flow process



If faulty products are detected on arrival, they are accepted into the faulty goods acceptance box and the system creates a task to place them into the inspection box

INVENTORY

WM provides for the following types of inventory: planned, operational and local

REPLENISHMENT OF SELECTION CELLS

WM maintains the required quantity of goods in the selection cells

MOVING PRODUCTS BETWEEN CELLS AND ZONES

Can be initiated by the storekeeper/compiler using the RTD, or suggested by WM to optimise placement and storage