i1

i1 Consulting

IT digital logistics solutions

About Us

SAP Silver Partner

01 15+ years of work experience

02 100+ employees

03 25+ regular customers

04 20 + certified consultants

- ⊘ **Automatization of logistics**
- ⊘ **Business consulting**
- ⊘ **SAP consulting**
- ⊘ **Software development**
- ⊘ **Mobile applications**
- ⊘ **Training**
- ⊘ **Support**

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Projects

☑ Cargo Transportation and Logistics

freight one

HTK

☑ Retail

M.VideoEldorado

MIRATORG

GLOBUS

☑ Agribusiness

RUSAGRO group

AGROTERRA
Stewardship of land

АГРОИНВЕСТ

☑ Banking direction
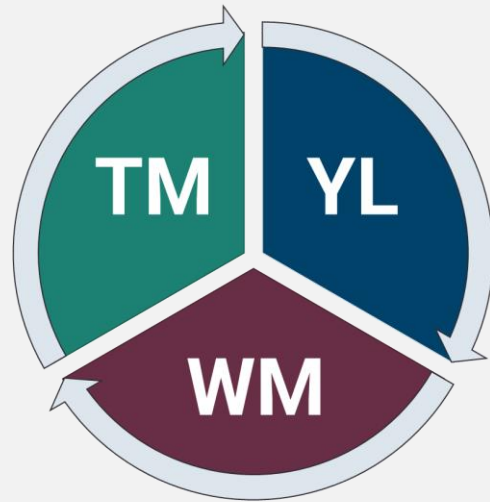

RSHB

NBU
O'ZMILLIYBANK

SBER

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Projects

☑ Industrial manufacturing, Oil, Gas and Energy

Transportation management system

- Increase **efficiency** when interacting with partners
- Creation and implementation of **infrastructure model** for transport logistic
- **Cut** operational costs
- Centralized **approach to development** transportation, warehouse and yard management
- Operational and transparent **execution control** in the unified system

Architectural features of the solution:

1 You chose the solution:
SaaS or On-Premise

2 Comprehensive adaptation:
versatile choice of functions

3 System support and development:
regular rolling out of new releases and software improvements

4 Support Portal:
24/7 support portal for ITV platform

Transportation Management execution flow

➢ **Transportation Requirement**

Order-based Transportation Requirement
Automatically created

➢ **Planning**

Manual or automatic transport orders creation using mathematical model

➢ **Driver Management**

Placing driver to a transportation order in the system

➢ **Execution**

Transportation order tracking changes via geolocation services, manually or from adjacent systems

➢ **Charge management**

Automatic calculation of transportation costs, billing, creating of payment documents under the contract in accordance with the terms, inputted into the system

Transport requirement

ENTRANCE

➢ Document-based automatically, using

integrated flows from any adjacent systems

➢ Based on external systems

➢ Excel

➢ Manually (ability to use a template)

Transportation Management

EXIT

➢ Delivery windows

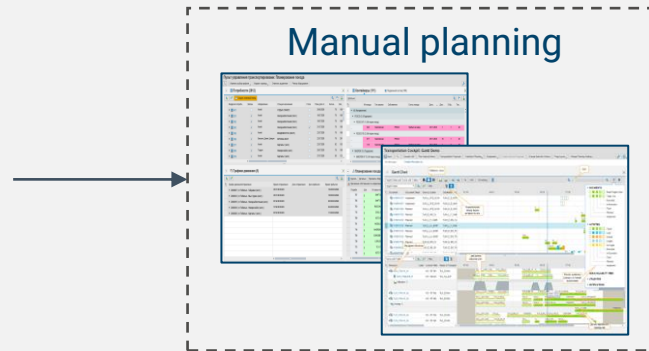➢ Location (coordinates)

➢ Production

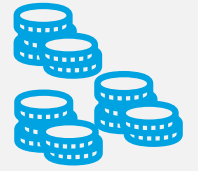➢ Priority

Planning
Types of planning

➤ **Manual planning**

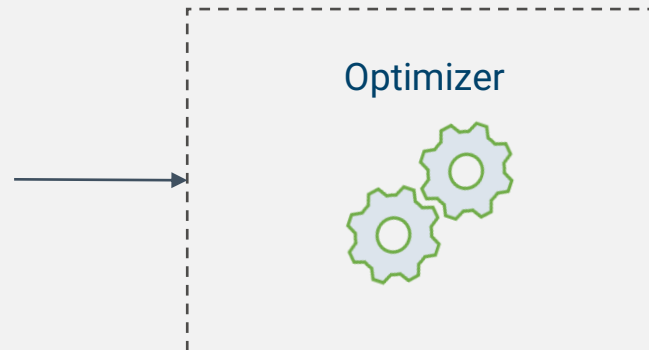Conditions/ Restrictions

Requirement

Resources

Manual planning

Routes

➤ **Automatic planning**

Conditions/ Restrictions

Requirement

Resources

Optimizer

Routes

Execution

1. Tracing

Event model

2. Alert

Messages

Alert List

4. Analysis

1. Analysis of changes in the shipment plan
2. Analysis of transportation requests
3. Train history
4. KPI

3. Correction

Change motion data

Charge management
Calculation of the cost of transportation

```
Agreement/Contract ──────────►  Transportation
        ▲                              │
        │                              ▼
Calculation scheme              Calculation of freight costs
        ▲                              │
        │                              ▼
    Rate table                  Freight settlement document
        ▲                              │
        │                              ▼
      Scale                         Payment
```
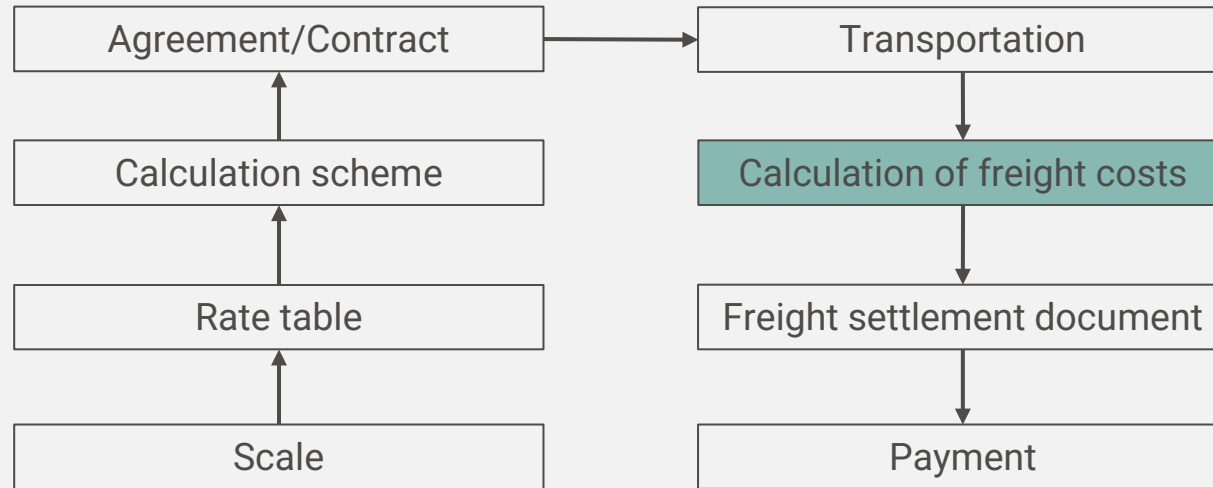
✓ **Advantages:**

Transparent scheme for calculating transportation costs

Wide range of tools for flexible adjustment of cost calculation logic

Integrated transportation and billing management

Partial invoicing capability

Integration of financial indicators

✓ **Calculation example**

Planned costs

Rate	Additional cost	Fines	Total
10 000 $	3 000 $	1 500 $	11 500 $

Rate **+** Additional cost **−** Fines **=** Total

| Rate from the contract | Surcharge for additional costs | Fines for transportation | Total cost |

Actual costs