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

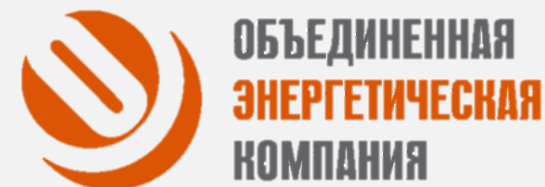☑ Cargo Transportation and Logistics

☑ Retail
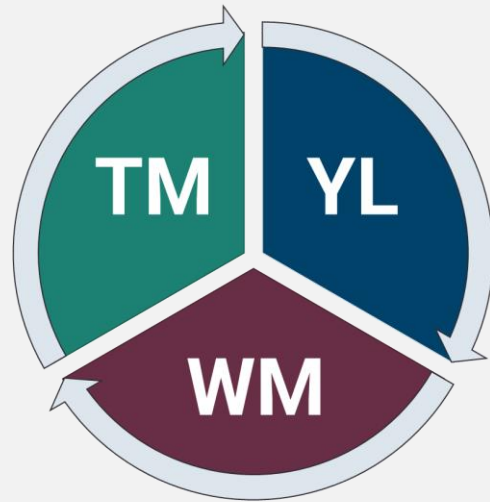
☑ Agribusiness

☑ Banking direction

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

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Planning
Types of planning

➢ **Manual planning**

Conditions/ Restrictions

Requirement

Resources

Manual planning
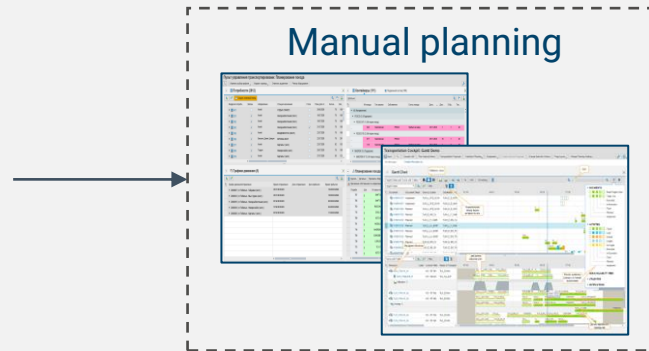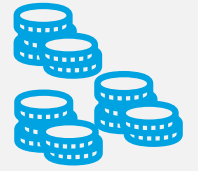
Routes

➢ **Automatic planning**

Conditions/ Restrictions

Requirement

Resources

Optimizer

Routes

Execution

1. Tracing

Event model
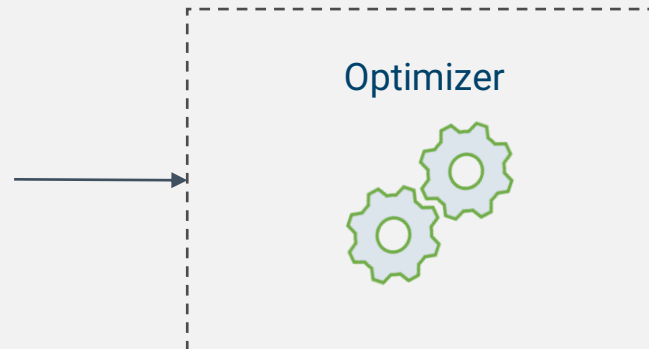
2. Alert

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
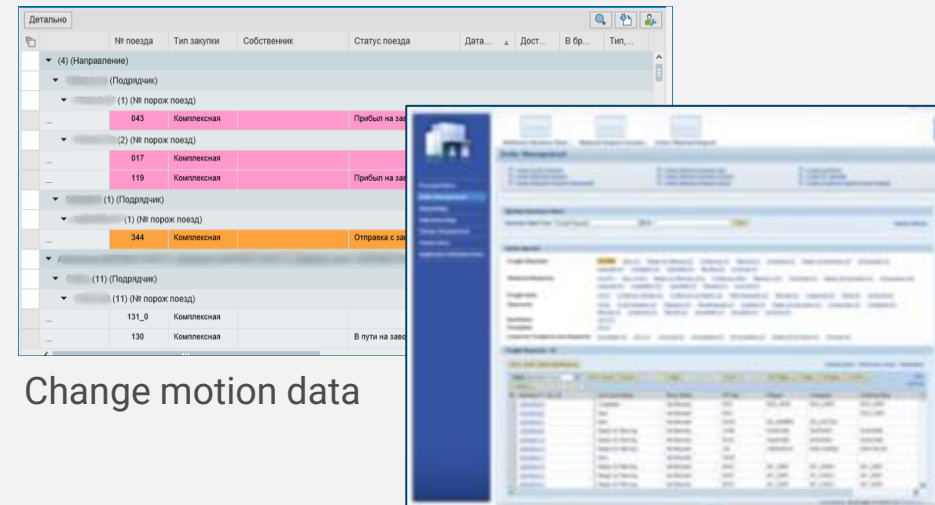
Change motion data

Charge management
Calculation of the cost of transportation

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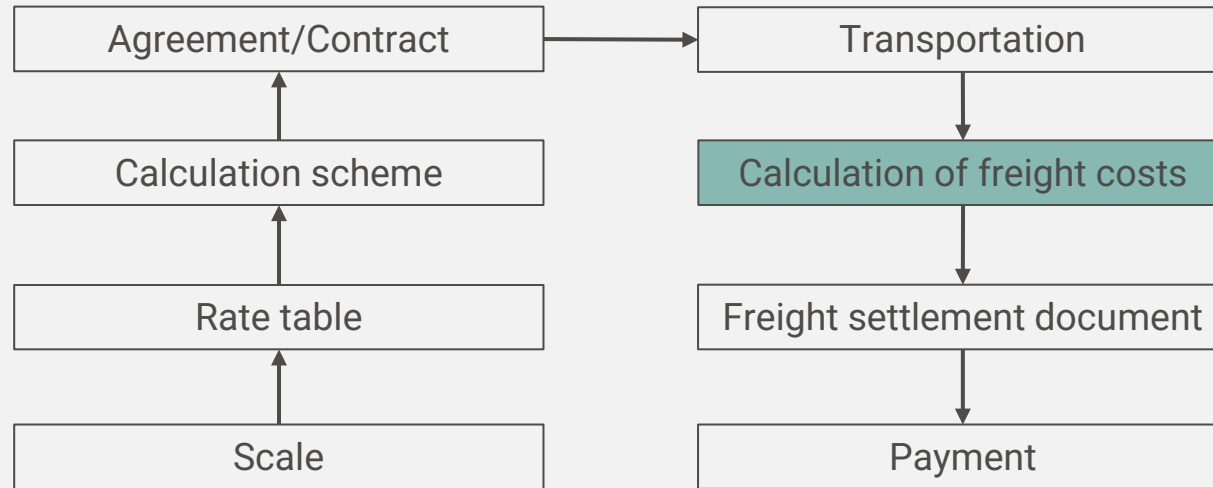
✓ **Advantages:**

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**

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

Planned costs ← → Actual costs

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