

Shepherd

Optimal Management of Inbound and Outbound Deliveries



Shepherd by CAS is a SharePoint based application for coordination of inbound and outbound deliveries to/from any number of various purpose warehouses. Using Internet technologies, the process participants (suppliers, carriers, escort providers, security and warehouse personnel, sales, supply and logistic departments employees) may interact based on independent schedules for each warehouse.

Shepherd is a member application of the Smart Factory family, a guiding idea of which is that both the employees and outside partners directly participate in common business processes. This requires cooperation, information exchange and adherence to procedures.

For realization of the concept we used a SharePoint platform intended for building portals that support collaboration, communication, knowledge management and automation of business processes (workflows). With SharePoint it is easy to integrate multiple applications on a common platform and ensure their communication with external systems such as SAP, CELINA. As a result it is possible to use one universal, effectively managed platform for data exchange between a client and an entrepreneur, with a secured access for all process participants.

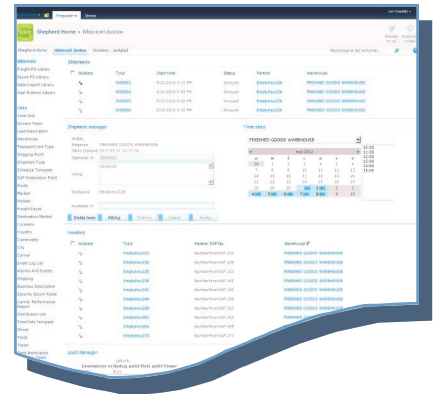
Shepherd

HOW DOES SHEPHERD APPLICATION WORK ?

The process is based on schedules made out according to the needs and available resources. The partners make a remote (online) booking of a time slot according to their preferences using a selected warehouse schedule that includes the occupied time slots. For each warehouse there can be created any number of inbound / outbound processes to be effected parallel.

To allow full control at the entrance, partners are obliged to complete all required identification data of drivers and vehicles. Data is selected from the database and available for security personnel as a checklist prior to letting any truck in. In case of any deviation from the procedure, the participants of the process are automatically informed in advance about the necessity of taking action to eliminate any potential threat.

Optimal Management of Inbound and Outbound



LATITUDE AND FLEXIBILITY

Additionally, for any delivery, it is possible to freely select forwarders, escorts and locations where the services are to be rendered, enter a detailed description of each delivery, i.e. route, loading type, destination market and other special arrangements, assessment of the vehicle technical condition etc.

A detailed logging of all events enables us to monitor and make an objective assessment of the process. A time stamp and user is attributed to each operation. Being assigned to a specific role, the application users have a selective access to offered functionality.

Built-in and ad hoc reports allow for full control of expenditure, meeting deadlines, quality, i.e. process flow efficiency assessment.

ACCESSIBILITY

The application is available also as a service (cloud computing): instead of buying a license, investing in expensive hardware etc. you pay only for what you need, i.e. for functionality. Thus the implementation time can be considerably shortened.

MAIN APPLICATION FEATURES

It integrates with the following systems:

Office, Exchange Server and SAP

Software used:

Microsoft Office SharePoint Server

Microsoft Active Directory

Microsoft Office 2010

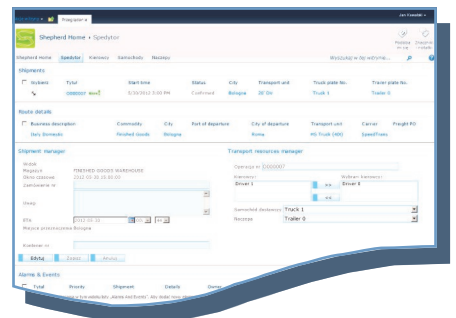
Business line:

Logistics support at any company

References:

Japan Tobacco

International





BUSINESS BENEFITS

- EXACT PLANNING OF INBOUND AND OUTBOUND DELIVERIES
- COMPLETE ELIMINATION OF VEHICLE QUEUES WAITING FOR LOADING/UNLOADING
- MAKING EFFICIENT USE OF RESOURCES ON HAND
- FREE SELECTION OF TIME SLOTS (SCHEDULING) ACCORDING TO NEEDS AND HANDLING CAPABILITIES
- MINIMIZATION OF ORGANIZATION COSTS OF INBOUND AND OUTBOUND DELIVERIES
- INCREASE OF SECURITY THANKS TO IDENTIFICATION DETAILS OF VEHICLES AND PEOPLE
- IMPROVEMENT OF SERVICES PROVIDED BY PARTNERS (VENDORS, FORWARDERS) DUE TO THE NECESSITY OF STRICT ADHERENCE TO PROCEDURES
- RELIEVING THE TRANSPORT DIVISION
- INFORMING THE PERSONS CONCERNED ABOUT OCCURRENCES

Have you got similar problems ??

- Queue of trucks at the gate:
 - How to eliminate the jam?
- Most of them announce their arrivals for tomorrow :
 - How to ensure regularity of loading / unloading ?
- Hundreds of phone calls to agree the dates:
 - How to organize work to cope with it?
 - How to minimize costs ?
- Unknown drivers, trucks and trailers:
 - How to verify data before letting them in ?
- Continually growing costs of freight:
 - How to control them ?
 - How to find the source of the problem ?

The answer is easy !

- Define warehouses
 - Specify their names, purpose and the number of simultaneous possible loadings and unloadings
- Prepare a schedule
 - Create timeslots for each warehouse
- Partners create a database of employees and transport resources
 - All data necessary for verification are completed
- Partners book time slots
 - Free and most convenient time slots are selected from the schedule
- All operations are performed as planned

PAY ONLY FOR WHAT YOU NEED

- Choose required functionality only
- Define the number of users
- Pay only for resources (processor, memory, transfer, etc.) used
- Select the interface language



ACCESS VIA THE INTERNET

- You don't need any investments
- You don't need your own servers
- You don't need any expensive licenses for software



CAS

- We have specialized in the integration of IT systems used for organization management for over 20 years.
- We offer services including planning, designing, implementation and development of specialized software as well as its maintenance.
- We provide consulting services in developing concepts, strategies and analyzes of IT systems development within an enterprise. Our experience shows that having a coherent concept unique solutions can be implemented by stages, without any threat of entry into a blind alley.
- Based on experience gained during implementation of numerous projects we prepare documentation that constitutes specific pre-implementation studies regarding construction and development of IT systems.
- We wish the customer to identify our brand with high quality products and services that improve the operational efficiency and competitiveness.
- We are aware that a well-matched team provides the foundation for the company success. Our experienced, highly educated and motivated employees can contribute to the achievement of mutual success.



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