OSD Software
for wood processing companies

Record times
Tue 23.06.2016 15:57
001 - Lindemann

Begin work
Project
Overheads
Break
End of work

Main menu

Professional programs in the fields of ERP/PPC + CAD/CAM

Enterprise resource planning/Production planning and control + CAD/CAM technology

OS Datensysteme GmbH
Software power for wood processing companies

OS Datensysteme GmbH offers you
Software power for wood processing companies

Do you want to optimize the operations in your company?
Easy with software power from OS Datensysteme.

The German market leader OS Datensysteme GmbH has offered versatile software solutions for wood processing businesses since 1984. Our software is modular, thus it allows a tailored implementation in your company. The "OSD Branchenprogramm" therefore, is suitable for all enterprise sizes.

Our 4,000 customers especially appreciate the unique integration of our complete solutions in the areas of ERP/PPS(PPC) and CAD/CAM technology. By combination of several OSD programs you achieve unique synergies in your company.

ERP/PPS (PPC)
General workspace: The general workspace includes the basic modules. The basic programs function comprehensively across the modules and are included as a basis of the "OSD Branchenprogramm". The associated modules are:

- Address management, Caller identification, Mobile address management
- Business projects management
- Basic utilities, Report (-layout) generator
- Database management
- Material receipt entry

Production Planning
Calculation & Parts lists: With this software solution you can enter your parts lists manually with a good overview and also optimize your estimate/quotation. You work quickly and with exact costs. You can optimize it even more more by using the module OSD Variable parts list or the carcase generator OSD Corpus+.

Variable parts lists: It is a supplementary module to OSD Calculation & parts lists and allows you to create detailed parts lists very quickly. It requires only a few inputs, for example carcase interior dimensions, amount or the desired design.

Cutting optimization: By using the OSD Cutting optimization you get an exact overview of the material requirement for one or more projects. This optimizes your stock and reduces waste. Expensive re-orders are not necessary due to exact material estimates.

Office organization
Customer order handling: This module is a central element during daily administrative tasks in the office. The main functions of this module support the following tasks: estimate/quotation, order confirmations, delivery notes (packing slips), invoices, also partial and final invoices, down payment invoices, service bills, invoice corrections (credit notes) and bank transfers. Direct debiting procedures (debit notes) are also possible, but it needs to be clearified with your bank. You have also the possibility to create your own documents needed for your business operation.

Open invoices management: With this module you keep transparency of open invoices at every time. Invoices that were created using the OSD Customer order handling (debtors) are automatically passed on to the Unpaid invoices management. Payment terms will be considered. Payment receipts are posted; payment monitoring and reminders are created automatically.

Correspondence: With this module you are able to write the daily correspondence quickly and efficiently. It has similar functions like those from MS Word. The advantage of the OSD Correspondence compared with other word processors is the direct linking to the OSD modules Address management and Business projects management. An automatic document filing will be of benefit for you.

Overview

Product name:
"OSD Branchenprogramm" (ERP/PPS/PPC) and OSD CAD/CAM technology (CAD/CAM) - a modular and interlinked system.

The individual combination of the OSD programs (modules) in the areas of ERP/PPS (PPC) with CAD/CAM causes a unique continuity in terms of the data flow in your company. You achieve tremendous rationalization effects.

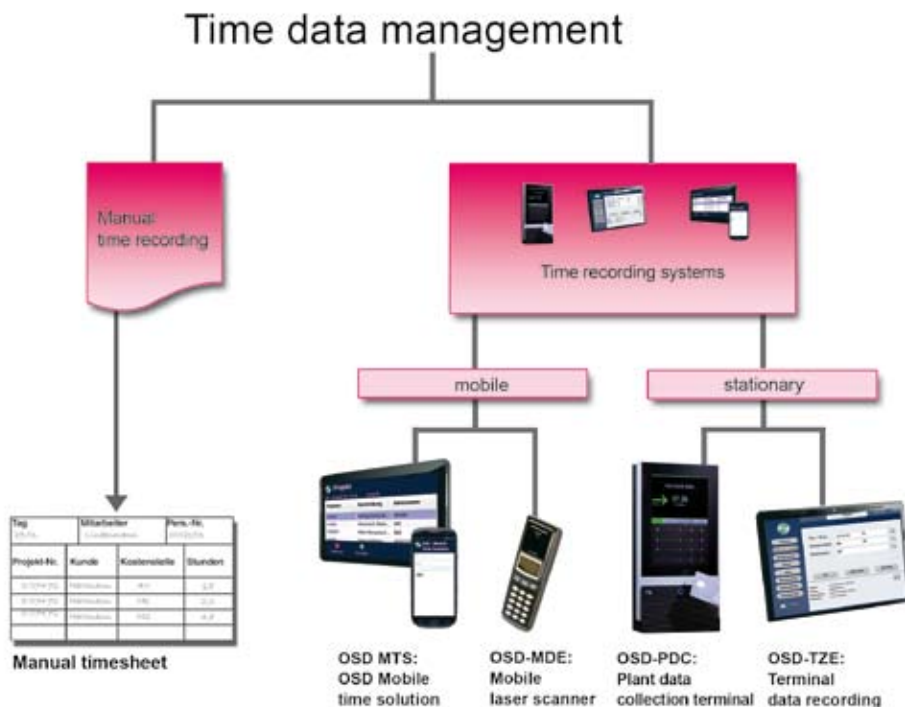Extensive import and export functionality is self-evident.

ERP/PPC
Enterprise resource planning/Production planning and control

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◼ Material management

▪ **Ordering system:** With this software module you achieve efficient order processing and order monitoring. The challenge is to keep stock levels low through an effective purchase management. Even material price inquiries can be send to the suppliers. Deadlines are punctually reminded if necessary.

▪ **Stock management:** The program calculates your book inventory and therefore, gives an overview, based on the current stock, new entries and usage. Cancellations and reservations are also possible.

◼ Time data management

This part is the interaction of different OSD modules to help you in terms of recording, management and analysis of your tracked hours. Depending on operational requirements these methods of recording can be combined in various ways:

▪ **Time management (module) -** the central element of Time data management: All the information is collected and prepared in this software. Analyzes, evaluations, statistics, wage data are only some of the information that can be individually created. Recorded data could be transferred into third party programs for payroll purposes.

▪ **Time recording:**
   - Manual time recording: The employee writes down his activities manually on a timesheet. Subsequently, the data is entered manually in the module Time management.
   - Mobile time recording: With smartphone, tablet or special mobile (barcode) scanner
   - Stationary time recording: PDC (plant data collection) terminals or a terminal data recording per touch screen for example

▪ **Bonuses management:** With similar structures of the production processes in the company, it is possible to determine prorated bonuses for employees with this program. You can specify whether the premiums are paid or are converted in time credits.

▪ **Resource planning:** Maximum possible workloads and expensive production procedures are forcing more and more companies to be more efficient in planning of operations. The OSD Resource planning replaces the often existing planning board completely, takes little time and keeps manufacturing capacity always transparent and visualized.

▪ **Interface to wage and salary administration third party programs**

CAD/CAM
CAD/CAM technology

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CAD/CAM

🟥 **OSD CAD/CAM technology:** The OSD CAD/CAM technology includes several software solutions in the areas CAD, carcase- and CNC program generating.

🟥 **OSD *SPIRIT*:** OSD *SPIRIT* is the CAD system of the future. All the tasks of planning and presentation are at peak efficiency. As part of the OSD CAD/CAM Technology, OSD *SPIRIT* provides the close integration of CAD/CAM to ERP/PPC. Two versions are available:

▪ **OSD *SPIRIT* 2D:** The ideal 2D CAD tool. You want to enter the world of CAD or you generally want to draw professional floor plans, elevations, etc. With OSD SPIRIT 2D you use, according to your needs, a compilation of tools (modular systems, character styles) that you need for new tasks. You fulfill all tasks in the 2D area professionally. Of course you can always upgrade to the 3D version. Thus you protect your investment in the long run.

▪ **OSD *SPIRIT* 3D:** Meets all the requirements of a CAD software. The individual design of 3D projects with OSD SPIRIT 3D gives your customers a realistic and professional impression. The decision-making of your customers is positively supported. OSD SPIRIT 3D meets all the requirements expected from a CAD solution. All possible combinations with the software solutions of the areas OSD CAD/CAM and OSD ERP/PPS(PPC) are open to you.

🟦 **OSD *Corpus+*: an intuitive tool for carcase generating**
With OSD Corpus+ you create quick and easy a large variety of 3D furnitures by entering parameters. Data entry in the carcase generator is simplified using many graphical representations. With this type of construction all required CNC programs and complete parts lists with supplier-independent hardware, sheet goods, edges and surfaces can automatically be generated. The time-consuming and manual parts list creation is now no longer needed. Also errors made by manual entering parts are avoided.
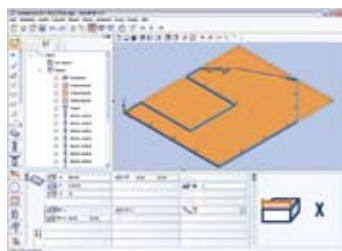For the application itself no CAD skills are necessary. OSD Corpus+ is directly connected to the "OSD Branchenprogramm" (they use the same database). This means: all the entered materials/hardware can be used further on.

🟥 **OSD CNC Generator: control center to create CNC programs directly**
Using the OSD CNC Generator, CNC programs for all standard machines and WOP systems can be created automatically, by analyzing the 3D design data.
If required, programs might be generated for multiple machines simultaneously. This gives you the opportunity to choose for which machine(s) programs are created based on their workload.
The CNC programs generated by OSD CNC Generator can be used directly on the machine with no further modification or post processing.

CAD, bathroom planning with OSD *SPIRIT* 2D

CAD, kitchen planning with OSD *SPIRIT* 3D, "freehand drawing" with Skribbel

CAD, kitchen planning with OSD *SPIRIT* 3D, visualization with OSD *visual*PRO
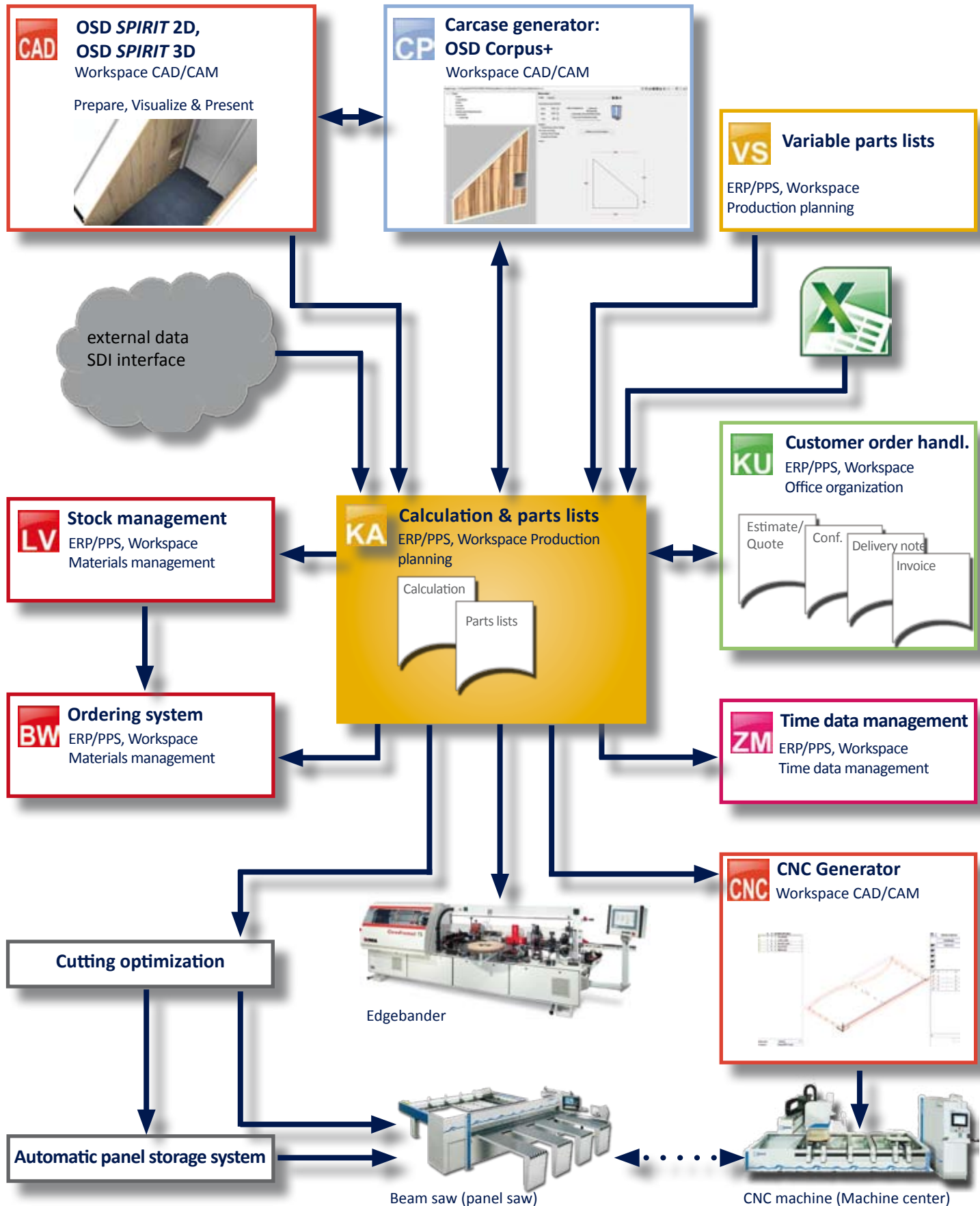

Photography of the realized project

WOP/SFP systems: workpiece-oriented programming system/ shop floor programming

Professional OSD Software solutions
Production data flow

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OSD SPIRIT 2D,
OSD SPIRIT 3D
Workspace CAD/CAM

Prepare, Visualize & Present

Carcase generator:
OSD Corpus+
Workspace CAD/CAM

Variable parts lists

ERP/PPS, Workspace
Production planning

external data
SDI interface

Stock management
ERP/PPS, Workspace
Materials management

KA Calculation & parts lists
ERP/PPS, Workspace Production
planning

Calculation

Parts lists

Customer order handl.
ERP/PPS, Workspace
Office organization

Estimate/
Quote
Conf.
Delivery note
Invoice

Ordering system
ERP/PPS, Workspace
Materials management

Time data management
ERP/PPS, Workspace
Time data management

CNC Generator
Workspace CAD/CAM

Cutting optimization

Edgebander

Automatic panel storage system

Beam saw (panel saw)

CNC machine (Machine center)

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