

The Whole Order on a Single Screen



With V.I.P. you can plan and visualise your entire production line in the prepress, press, and post-press area. V.I.P. stands for “Visual Intelligent Plant”. As a printing-company-wide management execution system, V.I.P. combine planning (V.I.P. dispo), reporting (V.I.P. statistic), insert management (V.I.P. Mail), and cost control (Cost) as well as personnel planning (Employ) and quality management (Quality). All the modules are combined in a common software solution in a uniform user interface.

For daily standard production and especially for additional print orders, V.I.P. provides support, e.g. in the planning of plate exposure and paper feed, press line utilisation, wrapping, insertion, et cetera; all the way to bundling at the loading dock. The V.I.P. components are seamlessly integrated and make optimum use of all resources.

V.I.P. works with open interfaces. That makes it possible to integrate both EAE systems and the production systems of other manufacturers in the order planning workflow. The integration utilises the widely used messaging standard XML on the basis of Ifra Track and PRIME.

The individual V.I.P. modules:

V.I.P. dispo – for printing-companywide order planning

With V.I.P. dispo you can specify the entire production line; from order entry to loading of the truck. The production can be planned from any production section. For instance, if printing line capacity is available, V.I.P. dispo reserves available downstream



Your benefits:

- Cost optimisation through companywide order entry
- Optimisation and rationalisation through capacity and resource planning of all relevant areas of production
- Transparency throughout the entire workflow planning
- Integrated database for analysis and statistics (MIS)
- Efficient cost controlling.

phototypesetter capacity starting from that point, through all further processing lines, all the way to the loading dock.

Analogously it is also possible to plan in reverse from the time of loading at the loading dock.

The features of V.I.P. dispo:

- Printing-company-wide order planning for prepress, press, and post-press
- Order planning on the basis of all the work steps needed for production
- Capacity and resource planning for all the production areas involved
- Checking of the timing and technical feasibility of an order
- Suggestions for optimization of the CtP, folding, and line processes
- Export of all the orders recorded in V.I.P. dispo to the associated systems in the departments
- Channelling of information; creation of binding, transparent information paths
- System for integration of the complete planning workflow

V.I.P. statistic – for tracking and reporting

V.I.P. statistic integrates all the operational systems of the production process (prepress, press, post-press) and stores both the tracking and statistical data in a special database.

The system distinguishes among the three categories of tracking data (short-term

data), reporting data, and long-term data. An online visualisation feature shows the production processes prepress, press, mail room, and bundling.

For statistical purposes, data is stored in a separate database and remains available for a definable time period.

The primary reporting functions of production data acquisition and performance data acquisition virtually eliminate the need for manual data entry later on. Production data acquisition reporting encompasses not only all the data of actual production runs but also the planning data from V.I.P. dispo and the corresponding departmental systems.

The features of V.I.P. statistic:

- Fully automated data recording for all production areas
- Central display of all production areas
- Integrated database for analysis and statistics
- Cost controlling
- Manual data logging for departments that do not have automatic counting systems

Cost - Cost control

With the Cost module, cost rates can be assigned to individual processes or machine hours to estimate the cost of a production. Preliminary costing with Cost allows you to calculate the cost of different production

possibilities. Final costing with Cost checks the preliminary costs on the basis of the real-time production and consumption data of an order accrued during production.

Quality - Quality management

Quality is a module for handling quality management during the printing process. With reference to planned productions, a differentiated evaluation can be made for the criteria printing quality, adherence to delivery dates and customer satisfaction for each order. On the basis of a weighted average of all the criteria, an easily



comparable quality index can e.g. be created for each production.

Employ - Personnel planning

The additional V.I.P. module Employ complements V.I.P. in the field of personnel planning. All the personnel requirements for the respective processes can be stored here. Employ then automatically calculates the staff requirements for each planned production on the basis of this data. After this, the exact personnel requirements, or a surplus or shortage of personnel, are calculated by means of shift schedules.

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Falzzeit				
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Status	Produktion	Vor 1. Stufe	Vor 1. Stufe	
Mengen-Dif	-15.188	-22.538		-224
Zeit Diff	1.10	-0.32		-0.08
17.23 6				
Aufgabe	127.070	82.600		3.700
Nettoanplanz	92.182	56.033		3.476
Rest-Aufgabe	35.088	26.567		224
Nettoleistung pro Std	48.130			0
Umlaufzeiten pro Std	35.000	45.000		18.000
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