

**Introduction**

Do you want to make your production process optimally controllable from your office environment? The Visual Performance module offers solutions. The performance module ensures that information concerning the allocation of people, material and machinery completely and correctly arrives together with the order at the production floor. The module consists of two software components.

**Resources**

Resources manages the availability of people, material and machinery. Up to date information concerning material in stock, the availability of employees, and input from the engine compound are combined and processed. All resources are applied as efficiently as possible. By allocating resources in advance the occupation degree of your engine compound is optimized.

**Introduction**

The starting point of the Visual Link software is the Visual Control module. This module ensures that the order will be automatically redirected from the office environment to the production floor. Each MES integration project starts with the implementation of the Visual Control module. The module provides the following functionalities, developed according to the ISA95 model.

**Planning**

Planning processes the order to a detailed production planning at the level of hours and minutes. You can further optimize the production planning while taking into account the use of resources through a link with the software module Visual Performance.

**Introduction**

The Visual Analytics module streamlines the large amount of data which is released during the production process. This data provides you with the tools to continuously improve your production efficiency. The software components Track & Trace and Analysis have been developed in addition to the collection of data (Collect).

**Collect**

The available production data (available directly from the shop floor or entered by the operator) is collected in Collect. All data is structured in a database and compactly stored in three integrated components: production data, trending and alarms.

**Definition**

Definition registers how a product should be produced according to a particular formula with accompanying machine settings. In order to guarantee the quality of your products, you should be able to assume that these parameters repeatedly have the same starting positions. The software component Definition provides accurate control and offers structured, unambiguous and consistent production parameters.

**Dispatch**

Dispatch releases the order for production. A final (resource) check occurs to find out whether the resources are actually available. The completion of the required production rules is checked as well (definition check), in order to enable the operator to release the order for production.

**Execution**

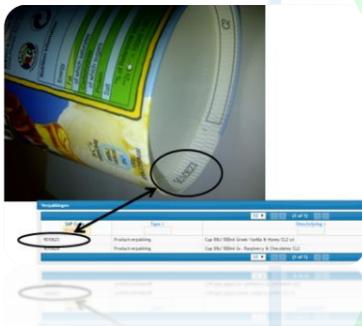
Execution regulates the actual control at the production floor. On the one hand by means of a direct connection to the machine control and on the other hand through screens at the production line (web-based). These are accessible to the operator/production manager.

**Track & Trace**

Track and Trace makes all information available concerning the circumstances under which a batch has been created. Each batch gets a unique code. This code can be used to obtain information from Tack & Trace concerning the production history from the full batch until individual product level. The current status of a production order and its traceability are two aspects which are uploaded to your office environment.

**Analysis**

Analysis gathers all available data from Visual Link and possible external data sources. This software provides two types of data feedback: real-time and near real-time. An example of real-time feedback is the direct adjustment of the production process based upon for example E-standards, OEE or production progress. Examples of near real-time feedback are production- and weekly reports.

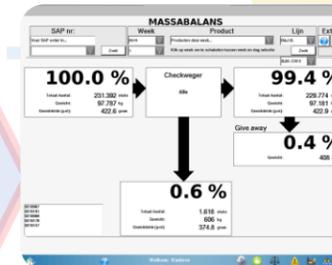


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4.0 Eindschoonmaak	100			
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Huidige SAP order	926258	Product code	18352201	
Opmerking	.			
Omschrijving	B&J 4.5L Strawberry cheesecake EW			
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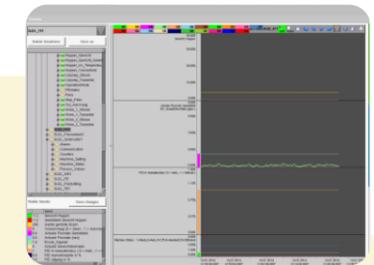
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Week	Omschrijving	SAP	N	Maandag	M	N	Dinsdag	O	M
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6.3	B&J 0.5L Chewy Monkey CL9 EW	9011210							
6.8	B&J 0.5L Ch. Fudge Brownie CL6 EW	9011133							
6.3	B&J 0.5L Ch. Fudge Brownie CL3 EW	9011171							
14.3	B&J 0.5L Ch. Fudge Brownie CL9 EW	9011203							
33.7	B&J 0.5L Ch. Fudge Brownie CL5 DB	9011264							

Dagplanning



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# Visual Link Software

MES Integration by Hellebrekers Technieken



Hellebrekers Technieken  
Marconiweg 28  
8071RA Nunspeet  
Postbus 6, 8070 AA Nunspeet  
The Netherlands  
mail@hellebrekers.nl  
www.hellebrekerstechnieken.com

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