

It's all about data

Penko makes data accessible

Everything revolves around data, and more so every day. Instead of hardware, the emphasis now lies on software; especially the accessibility of data. Datareporter, a package by Penko that serves to make data accessible, is a good example. Whereby it goes way beyond weighing and dosing

The expert in this field is Gijs van Doesburg; he has been associated with Penko for many years and is one of the engineers who was closely involved in the development and implementation of Datareporter. Datareporter saw the light three years ago and has since become an important tool for processing data. But what does Datareporter actually do? And what can you do with it?

Practical example: Chocolate

The importance of data is also reflected in the number of weighing moments currently performed in the weighing modules of Penko. At present, a weighing module registers 1600 weighing samples per second. One of the users of Datareporter, in a chocolate and caramel production, used to work with a weighing module only reading 250 samples per second. At that time, the standard 'overflow' 5 grams on every 1 kilo of product. By upgrading to a modern weighing module with 1600 weightings, they have managed to reduce this 'overflow' down to just 1 gram. Because of the relatively expensive raw materials, the savings in this case are considerable. In addition to these savings, the Data-

reporter provides the ability to measure and register all delivered 'overflow'.

Save and edit

"In response to requests from our customers, we started to develop packages for data logging in 2006. Food industry companies, but also the wider process industry, want to save and edit ever increasing quantities of production and process data. The reason being, among others, the need for tracking and tracing. But also the optimization of production facilities and detecting the causes behind a production stop requires data. In the beginning, we developed customer-specific solutions. But it soon became clear that we needed to take a broader approach."

Widely accepted

"It quickly became clear that the need for data was in fact much larger. Companies in all industries need to have their production and process data available and quickly started knocking at our door. To us, that was the signal to develop a widely applicable solution. In 2010, we were able to launch the first version which immedi-

tely was a huge success. In the past three years we have worked hard to expand and improve Datareporter. Now it is so widely accepted that virtually all of our customers use Datareporter."

Datareporter features

What are the main features of Datareporter? "There are actually three main features. The first is to collect data which is the material for the database. The second is the scope function. This section provides a clear graphical display of all kinds of data. This enables you to see how the consumption of raw material develops within a certain period of time. The third function is that of diagnostics. To diagnose various events and trends in production, you can analyze data from batches, recipes and production stops. Other diagnostics are also possible."

Datareporter components

What are the most important components of Datareporter? "The user who installs Datareporter for the first time, always opens with the set-up page. On that page you can enter all kinds of recipes, set points and settings for batch



