



delaware

food in control

from ERP system to business process

Get maximum value from an ERP system that is tailored to the unique challenges of the food industry

we commit. we deliver.

table of contents

Get in control of internal processes	3
Increase efficiency through smart automation	5
From Excel or outdated ERP to an integrated solution	8
What does the future of the Food industry look like?	12
Transform your business process: request an audit	14



1

get in control of
internal processes



The food industry is truly unique and your team has to navigate a complex landscape. Daily challenges include, but are not limited to:

- managing food production vs. waste
- constant fluctuations in quality, supply and price of raw materials
- strict quality requirements and industry standards
- complex supply chain environments
- an increasingly critical consumer
- a growing demand for traceability

Such challenges put enormous pressure on internal processes, margins and business growth. Fortunately, the industry is also tapping into the opportunities that digitization offers. AI, cloud computing and machine learning are embraced more and more.



2

increase efficiency through smart automation

To reduce costs we - the industry - will have to learn how to work smarter, not harder. In other words: to ensure business growth you will have to find a way to increase efficiency by fully leveraging data, raw materials, people and resources.

This means no more manual data entry from Excel files to ERP systems and back: it's time-consuming, inefficient and error-prone. Also, we should become aware that information that is printed on paper today expires tomorrow.

For many organizations, the harsh truth is that loads of crucial information still floats around ERP systems. This data is not actively monitored or analyzed. It does not automatically adapt to fluctuations and it cannot be used for reporting and insight. All the data we fail to translate to **real time information forms a direct risk to adequate traceability, inventory management, cost prices, production yields, losses, invoicing** and more.

Every (manual) action the system is able to take out of our hands gives employees more time to focus on things that truly add value to the organization. For example, instead of manually searching for payments, a modern ERP system is able to match payments to references and link them. Only when the system detects a discrepancy, the final choice will be presented to an employee. The result: a drastically lower error rate gegevens zijn direct beschikbaar.

The demand for automation is also growing. Stock counts can nowadays be easily automated, by means of scanning at pallet and pick level. This is way more efficient than doing it by hand and on top of that, the data is immediately available.





“ food industry is truly unique and
your team has to navigate a complex
landscape”

3

from Excel or
outdated ERP to an
integrated solution



What role does an ERP system play in getting a better grip?

We all agree that an ERP system is the ultimate foundation for business growth, but what requirements does it need to meet to actually put technology in service to people, rather than the other way around? How do you make sure that your colleagues no longer perceive the systems as a roadblock, but as an indispensable extension of the organization?

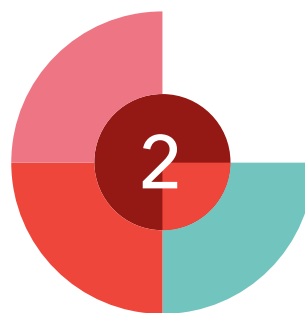
take a dive into our
integrated solutions





Stock inventory

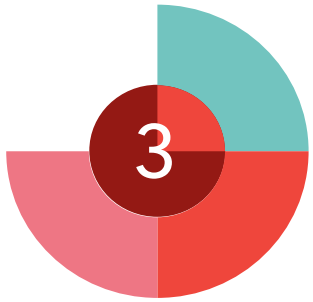
Many organizations used to update their stock inventory at the end of the day, or sometimes even at the end of the week. Nowadays we need real-time insight into production capacity. A modern ERP system meets this requirement. With integrated and automated production planning you know why and when to up-and downscale production. Reducing food waste is just one of the big wins.



Food waste management

Imagine the following situation: the demand for products is crystal clear and you know which resources are needed to meet that demand. This enables you to produce close to the moment the products have to leave the shelf to offer maximum freshness. This without compromising product quality because, throughout the day, quality checks can be carried out in line, which can also be viewed in real time by the line manager.

Of course, in the above example, we are sketching an ideal world. In reality, there are numerous disruptive factors that expose the importance of up-to-date data and monitoring of that information. After all, without reliable data you cannot intervene immediately when a situation arises, resulting not only in losses but also in extra costs for disposing of the purchased raw materials when the expiration date has passed.



Transparent, compliant and traceable food products with Record To Report

The food industry must also be able to provide the right information to stakeholders - from raw material supplier to end consumer - at any time and any place. Consumers are increasingly looking for transparency about where products come from and how they are processed.

Regulations in sustainability, food recalls and food safety are expanding. We want to reduce the amount of packaging material and plastic. And we are adding more and more production information, such as allergenes, to our labels. These are simple examples of crucial developments that need our full attention.

A good ERP system enables you to retrieve real-time reports regarding traceability, expiration dates, production efficiency, quality reporting, cost price calculations and margin overviews.

When KPIs in the system colour red, orange or green, action is required. Because it is perfectly clear where action is needed, adjustments can be made long before an issue arises. In addition, the right ERP system helps to intervene quickly in case of a food recall to prevent major consequential damage.

ERP template for the Food industry, based on SAP S/4HANA

The Food industry is faced with unique challenges. We need customized system solutions. That is why delaware has bundled 20+ years of experience in the food industry into the template for SMEs. FAST-Food is a comprehensive ERP template created to help organizations in the Food & Beverage sector to achieve their growth and innovation goals.

[meet with an expert](#)

4

what does the
future of the
food industry
look like



What's in store for the industry?



Plastic reduction

The world of product packaging is changing. Apart from reducing packaging material, the nature of packaging is also changing: recyclable packaging is becoming more a rule than an exception.



Big data

The collection, processing and disclosure of data will take flight in the coming years. To lift the supply chain to a higher level, there will be heavy investments in Big Data and Cloud solutions.



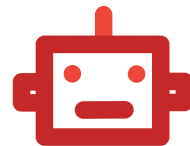
Closer to the source

The supply chain is shrinking. Instead of various intermediaries, the product will soon go directly from the factory to the customer. Local to local is also playing an increasingly important role in preventing transport pollution. More and more data from the chain will be stored in Blockchain and made available to the end user, thus increasing transparency in the chain. How wonderful is it that consumers will soon be able to see which field their strawberries are harvested from?



Internet of Things

To increase Overall Equipment Effectiveness (OEE) the Internet of Things will be introduced more and more in the food industry. Think, for example, of preventing machine downtime with predictive maintenance.



Cobots

Cobots will enter the food industry. Cobots can be used in places where a lot of repetitive work is needed, such as lifting a box or packing products. By connecting the Cobots to the ERP system, you are able to send orders centrally from the system and collect real-time data on performance and quality.

Transform your business process: request an audit

Today's world requires transparent business processes. It will help simplify decision making and promote business growth.

The unique characteristics of the food industry create exciting challenges around food production, laws and regulations and consumer demands. Automating complex operational tasks transforms your operations and gives you insight into what suppliers and customers need.

We help you transform processes to greater efficiency, transparency, sustainability and profitability. The starting point in an audit of your business, where we combine business insights with digital tools and accelerators developed specifically for companies in the food industry:

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