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## SAP Solution Brief

SAP Solution Extensions | SAP Meat and Fish Management by msg

# Use **Data-Driven Enterprise Planning** in Your Meat, Poultry, or Fish Company



# Manage data to **deliver insight** and increase efficiency

As a large-scale food producer, your meat, poultry, or fish company strives to ensure greater productivity and compliance in an age of highly informed consumers and traceability. To do so, you need to **capture, manage, and integrate huge amounts of data** across business units and systems. The SAP® Meat and Fish Management application by msg helps you do this – all from one solution.

Quality products that satisfy customers and diners alike can determine how successful a food provider is. Thus, you want immediate access to real-time data across all elements of the value chain so you can make fast, accurate decisions with conviction, based on one set of data. By analyzing data and automating processes to present insights and streamline data, you can focus on producing quality products consumers want to eat.

A data-driven, integrated technology infrastructure in SAP Meat and Fish Management helps simplify the storage, processing, and flow of information and insight across your organization. You use one point of access to centralized data that can be updated in real time, from anywhere. Plus, with today's emphasis on food origin, being able to build traceability and compliance into every aspect of your supply chain is crucial to success.

**Manage data to deliver insight and increase efficiency**

# Plan with precision

With SAP Meat and Fish Management, you gain a new level of connectivity between your business users in financials, controlling, human capital management, procurement, sales, production, quality management, plant maintenance, and the shop floor.

You can also optimize purchasing using an integrated planning strategy, including pull-planning functionality that allows you to calculate the number of animals, carcasses, or primal cuts required to meet demand. Push planning lets you show the number of live animals coming to the slaughterhouse. Balance both push and pull information using disassembly planning to review surplus or shortages and take actions. In addition, you can manage data on livestock production, including

recorded waste and production levels. Analyze information such as yield reports and key performance indicators in all areas. And monitor data for information about current and future livestock requirements on the basis of sales and operational planning or customer demands. Further origin-control functionality supports batch management and provides bottom-up and top-down analyses.

You can enter data in the moment and reduce revenue loss due to stock-outs, thanks to accurate information on planning, inventory, and customer demand. Moreover, customization features let you define your own organizational units and master data points.

## Plan with precision

Procure the best stock with maximum visibility

Retain control of the slaughtering process

Produce fresh meat in the age of data

Optimize further processing

Manage distribution with ease and confidence

# Procure the best stock with maximum visibility

SAP Meat and Fish Management collects all types of data, such as quantities, in the farming area. This gives you full transparency of the consumption of raw materials and allows you to record value on “ready for slaughter” animals. In addition to improved insight into farming, you gain one view on production and commercial data for all organizational units.

For livestock reception, the application processes all data sources, such as autonomous system numbers or RFID tags. This makes it easier to document all relevant data to identify the animals,

the quantity of goods received, and the quality data of the arriving animals. Doing so significantly speeds up your settlement process.

With traceability at its core, SAP Meat and Fish Management captures all information – such as supplier receipts – at key stages, helping ensuring transparency and accuracy for suppliers and customers. In cases such as product recalls, this enables faster reaction times so that customers who received potentially contaminated products can be identified and informed quickly.

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**Simplify** a complex process by handling all aspects of livestock procurement.

# Retain control of the slaughtering process

With SAP Meat and Fish Management, capturing data about the slaughter process is streamlined, and you can record information from various data sources along the slaughter line. For example, you can manage and access meat inspection results in real time. This makes it easier to capture all incoming slaughter data sets and link them to corresponding business processes.

This solution also gives you a comprehensive view on slaughtering gain and loss by analyzing input and output data, such as carcass weight and origin.

With a transparent way of measuring slaughter yield in quantity and value, you can use this type of data to support informed decision making. The increased control of the slaughtering process allows for greater visibility in process status, improving overall product safety.

Because the object-finding tool allows sorting based on different characteristics, process execution is accelerated so you can sort carcasses based on information such as quality or individual customer requirements.

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Reduce human error with automatic slaughter data collection and livestock reception, **and improve the transparency of slaughter data** per animal.

## Produce fresh meat in the age of data

Providing fresh meat and fish products, referred to as disassembly, and managing the process with efficiency are major challenges for food companies. SAP Meat and Fish Management allows you to manage all master data, including cuts and cut lists, enabling easier handling of all animal types and the resulting main products or by-products. And even though a huge variety of output materials may be produced by different or special cuts from one carcass, you can readily track and manage the disassembly process.

By analyzing all input and output materials, you also get a comprehensive overview on disassembly gain and loss. This gives you transparency of input losses and usable product output for raw materials. With a clear view of detailed segmentation costs, you can make decisions in a timely, efficient manner.

Realize reliable and consistent information transfer, with all relevant information accessible on labels. The application updates data that records the movement of goods, speeding up process execution and reducing paperwork, which leads to faster order fulfillment lead time.

Plan with precision

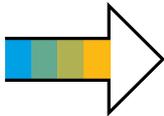
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**One solution** handling each of the key aspects of your disassembly process facilitates optimized disassembly planning.

## Optimize further processing

From sausage making to poultry products and fish meal, accurate data captured at key production phases can provide the insight you need to maximize further processing across your business.

With rich data-recording capabilities, SAP Meat and Fish Management gives you a real-time deep view on both the overall and detailed further-processing costs, leading to higher efficiency levels through cost control. A streamlined manufacturing process with a lean and clearly defined setup enables more efficiency and improves production execution.

You can control the flow of goods using defined processes such as weighing strategies and automation, helping ensuring goods movement to get your product to market more quickly. Built-in transparent shop-floor processes enhance visibility, leading to shorter reaction times and augmenting product safety and legal compliance.

You can also use a fully updated, accurate inventory overview, which allows you to make real-time decisions to ultimately reduce materials loss and create higher margins. You achieve accuracy in crucial areas such as best-before dates.

Plan with precision

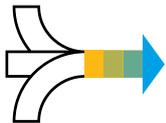
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### Optimize further processing

Manage distribution with ease and confidence



Reduce the need for paperwork and **increase overall automation** with automatic data input.

# Manage distribution with ease and confidence

As your product makes its way to the consumer plate, you can mine vital insights and details. From labeling and packing to picking and shipping, functionality in SAP Meat and Fish Management enables you to support a greater level of distribution efficiency.

The ability to accommodate a print monitor service means you can print labels and lists quickly and easily. Serving as an interface between the main functionality of the solution and the printing hardware, this feature speeds up internal processes. And you can integrate fully automated labeling machines such as those from Bizerba Group and Leich und Mehl to help ensure more flexibility.

To handle the picking challenges of the meat industry, you can process an object that maps the picking order and the loading equipment at the same time using “picking with load carriers” functionality. The picker can access a variety of key functions through an intuitive touch screen.

You can also input shipping data such as delivery dates, schedules, and journey durations and integrate it with data already collected, helping ensure one consolidated overview.

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Optimize distribution management by using **accurate data**.

# Combine new perceptions with **increased productivity**

SAP Meat and Fish Management lets you manage every aspect of your meat- or fish-processing value chain from one solution. You can tackle major industry trends like traceability and safety and increase production efficiencies across your operation.

With access to real-time information from company financials, production, and logistics to compliance checks and shop-floor integration, you gain nearly unparalleled insight. You can access uniform master data, helping ensure data consistency and accuracy. Tracking and tracing provides you with peace of mind in today's regulatory and traceability environment.

You can reduce lead times, increase raw material yield, provide instant batch tracking, and improve your supply chain.

On the technical side, one solution means fewer interfaces and the ability to integrate data and insight across breed, company area, plant, or country. Using an open application, you realize built-in scalability according to your needs.

**Combine new perceptions  
with increased productivity**



Achieve **higher productivity** through enhanced automation and process optimization.

## Summary

Data-driven technology can help your meat, poultry, or fish company simplify the storage, processing, and flow of information and insight across the organization. The SAP® Meat and Fish Management application by msg helps you manage your meat-processing functions so you can produce quality products to meet the needs of your customers.

## Objectives

- Run one integrated solution with one set of data, giving data consistency
- Deliver high-quality real-time data for timely decisions
- Benefit from built-in traceability and compliance functionality
- Automate processes across all business units

## Solution

- Connectivity between all business users
- Ability to collect and store all data on farming production
- Livestock procurement and slaughtering functionality, including settlement
- Planning over the whole meat value chain, including disassembly planning
- Reporting on segmentation gain and loss
- Detailed cost analysis

## Benefits

- Simplified processes from one point of access
- Accelerated decision making with real-time information on demand
- Reduced risk of compliance and traceability incidents with proactive tracking
- Increased automation across the enterprise

## Learn more

To find out more, call your SAP representative today or visit us [online](#).



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