MEAT PROCESSING OPTIMISATION

MAXIMISE YOUR ORDERS AND OPERATIONAL PROCESSES TO IMPROVE YOUR REVENUES

MEAT AND LIVESTOCK INDUSTRY

KEY DECISION MAKING CHALLENGES FOR MEAT PROCESSORS

Many meat processors, including those handling large supermarket accounts and exports, are continually battling downward pressure on revenues. This ongoing challenge means there are always going to be pressures on margins. All too often the result is reactive decision making based on gut feel and subjectivity, rather than rigorous quantitative analysis.

MAKE SMARTER DECISIONS USING BIARRI’S MEAT PROCESSING OPTIMISATION TOOL

At Biarri, we have revolutionised the decision making approach to managing meat processing orders and operations, using the power of advanced quantitative analytics. Our easy-to-use tools are driven by complex algorithms that do all the hard work for you. We have helped one of the leading meat processors in Oceania achieve significant savings in operating costs by developing a comprehensive model, which identified the most profitable orders and cutting combinations to maximise their product and revenue yields.

We can drill down to the smallest product combinations and include all of the relevant variables you need to make smart decisions quickly and easily.
### BIARRI’S WORK WITH ALLIANCE GROUP LTD (NZ)

#### CASE STUDY

Alliance Group is the world’s largest processor and exporter of mutton and lamb, representing over 15% of the world’s cross-border trade. Its facilities process over 87 Million lamb and sheep per annum, exporting to 65 countries, and they produce over 1,200 products. Alliance has been a leader in its industry’s adoption of advanced analytical methods, having first incorporated mathematical optimisation into its planning process in the nineteen nineties.

The team at Alliance recognized that Biarri could move their optimisation toolset to the next generation. We worked with their team to build an easy-to-use web based tool which helps them make smarter sales and production planning decisions quickly and easily. Biarri’s algorithm has empowered Alliance to further optimise its operations across all 6 of its processing plants.

#### WHAT THEY HAVE TO SAY

“Being able to plan and maximize returns within our dynamic market place has always been challenging, so when we talked with Biarri about developing a new optimization model with more scenario modelling capability we could see the potential of planning with confidence that every variable had been optimized to minimize cost and maximize revenue within our market plan.

The team at Biarri were quick to understand the variables within our planning process and have developed a platform that enables us to react to the moving market conditions with confidence.”

_Craig Spence_  
Marketing Accounting & Administration Manager, Alliance Group

#### HOW IT WORKS

We can customise a tool quickly and easily to suit your needs.

A range of data sources can be included, such as:

#### INPUTS

- Processing plant information: your plants’ processing capabilities and capacities
- Supply information: available carcass quantities, weights, quality grades
- Cutting specifications
- Market information: market geographies, currencies, demand volumes, sale prices, loss leaders, trade quotas

#### OUTPUTS

- Optimum production mix and order fulfilment recommendations
- Optimum cutting specifications
- Implied profit by item and by market
- Unused supply
- Unmet orders / market demand
- Unsold (stored) production

#### BENEFITS

- Delivers optimised sales and production planning recommendations
- Optimises production across multiple plant operations
- Integrates all critical costs including labour, packaging and logistics
- Maximises profits for exports with a wide range of currency and trade quota information
- Coordinates a geographically and organisationally diverse number of facilities
- Incorporates quality grade and plant options into your decision making with little to no effort.
- No IT footprint – our tools are delivered over the web, so all you need is a web browser