



IMPAQT: real-time insight to reach full potential

How software can optimize your
primary processing line

✦ **JBT Marel**
Software

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+ Intelligent

+ Monitoring of

+ Performance

+ Availability &

+ Quality

+ Trends

IMPACT



Why IMPAQT!

Why would you need a software package such as AXIN IMPAQT?



- You want to minimize your downtime in primary processing



- You want to get the maximum out of your JBT Marel machines



- You want to pinpoint the reasons for production loss in real-time



- You don't rely on gut feeling anymore, but make decisions based on facts and real-time data



- You want to optimize the throughput of your primary process



- You need pro-active consultancy to get your optimization done

+ Software



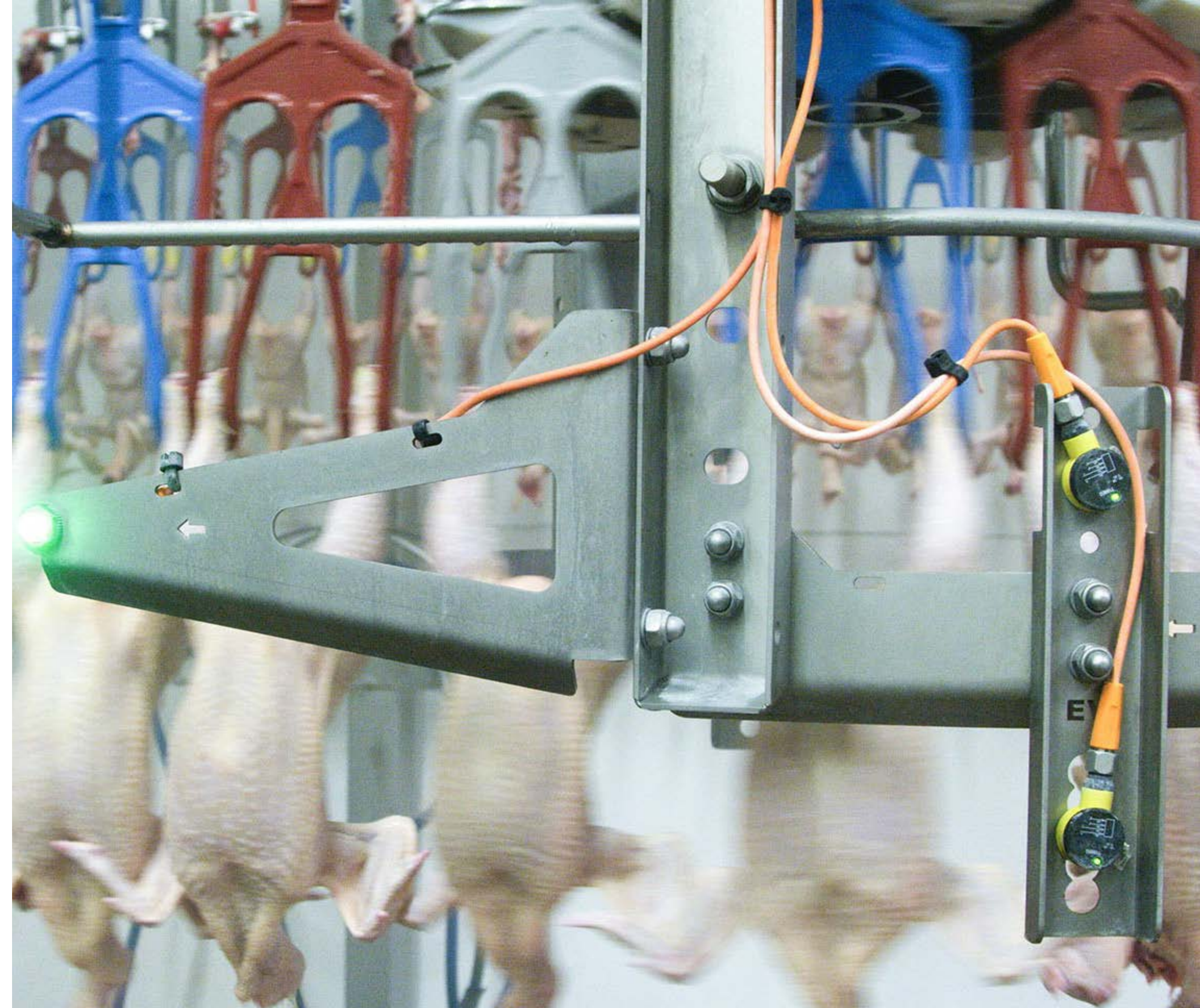
Reliable data gathering for data-driven processing

Processing is increasingly data-driven nowadays, reducing human error and unlocking incremental continuous improvement benefits. The key to informed decision making is reliable data.

JBT Marel provides a complete set of data gathering tools and services:

- Sensors
- Product detectors
- Vision graders
- Weighers

All this data stays with the product throughout the process. This means that unlike standard OEE, JBT Marel's IMPAQT solution enables you to determine the cause and consequences of downtime.



Key takeaway

If your data source isn't reliable, your software can't function properly. Make sure your data gathering tools are integrated properly to ease decision-making.

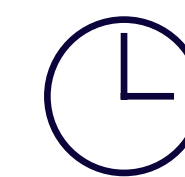


What is OEE?

In a modern industrial environment, Overall Equipment Effectiveness (OEE) is an essential piece of software.

By monitoring the most important OEE parameters availability, performance and quality, you make hidden issues visible. With such an insight, your production process will improve, with reduced faults, losses and stand-stills.

- Higher uptime
- Faster throughput
- Predictable output
- Predictable costs



Key takeaway

Process optimization is crucial for on-time delivery and production at foreseeable costs.



IMPAQT = OEE++

‘Universal’ OEE software without any poultry knowledge simply puts out reports, based on data that’s still entered manually per machine.

- IMPAQT has many more analytical skills and knowledge of the poultry process.
- IMPAQT gives real-time insight into losses, helps pinpoint issues and suggests immediate action to be taken.
- IMPAQT includes many value-adding service components.

You’re not on your own; you’ll have the full support of JBT Marel’s dedicated poultry knowledge and service to get your optimization done.



Key takeaway

IMPAQT is much more powerful than universal OEE software. It's the poultry knowledge inside that makes all the difference.



The impact of IMPAQT

It will be a relief not having to worry anymore about availability, performance and quality issues of your primary process. You can hand over monitoring, signaling, analyzing and optimizing to automation software.

By pinpointing even the smallest losses in the primary process, IMPAQT is able to assign reasons, not just for a single machine, but for the whole line.

IMPAQT gives technical staff hard facts at their fingertips, so they don't have to rely on "experience" or "gut feel". In this way, IMPAQT unleashes the full potential of a JBT Marel poultry production line.



Key takeaway

Make your decisions based on facts and real-time data.



How to get close to 100% efficiency?

Poultry processing is a highly competitive business, often with wafer thin margins. It is therefore essential that processing plants operate at as close to 100% efficiency as possible.

IMPAQT measures efficiency, split into availability, performance and quality, as a percentage of the truly productive time. With IMPAQT, you get to understand what is going on, measure it and use this information to improve.

You'll have a powerful tool at your fingertips to optimize your process in real-time and keep production equipment at the highest levels.



How to get close to 100% efficiency?



100% availability

- All systems are set to run and products are available
- The line is physically able to produce and does so (no line restraint)
- The manufacturing process is always available
- No unplanned technical or organizational downtime



100% performance

- Products are available and make it to the end of the process.
- The process always operates at its design speed
- Not compromised by short stops
- No equipment problems that make the line run slower



100% quality

- How many products are first-time right without rework?
- Process and product quality are secured
- All products can be sold as A-grade
- No rejects during production



IMPAQT's extra pair of eyes

The AXIN IMPAQT package includes many service components to support you while you're optimizing your primary process.

You're not on your own. Once the IMPAQT software is installed, JBT Marel stays by your side, offering tailored service and support.

JBT Marel's poultry knowledge and experience are fully integrated into the software. Now you can maximize your efficiency and productivity with JBT Marel's poultry experts by your side.

Key takeaway

IMPAQT's service components are the extra pair of eyes you need to continuously watch the process.



The service components



Remote emergency system support

- Keeps you up and running
- Consult this helpdesk function when needed
- JBT Marel's helpdesk will decide whether the repair can be done by your own TD employees (remotely supported) or needs to be fixed by a JBT Marel engineer
- With your permission, the JBT Marel engineer will log into your system remotely

Get your optimization done

- Check-ins by JBT Marel make sure that the system functions as intended and give in-depth customer-specific advice
- JBT Marel literally sits next to you at the computer screen asking whether everything is correct and available

Trend monitoring

- Monitoring of longer-term issues
- JBT Marel's data analyst knows where to find the cause
- JBT Marel's technical expert has the ultimate knowledge of the equipment concerned
- The resulting report is not a simple click on the 'print' button but the outcome of a thorough investigation



The processors' perspective

Master Good, one of Hungary's largest poultry companies, recently upgraded their primary process to 15,000 bph. Moving to the higher throughput gave them the opportunity of eliminating bottlenecks and making production easier. At the same time, Master Good recognized that getting the highest overall effectiveness out of their processing plant was only achievable with solid software control. IMPAQT brought them new possibilities they never had before.



“We are obviously keen that our equipment gives of its best at all times. With IMPAQT we can focus immediately on problems causing a drop in yield or quality. Our technical people have an invaluable tool at their fingertips. They can do their crucial job even more effectively.”

László Bárány, Master Good Managing Director, Hungary



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The ultimate in optimization



IMPAQT begins with raw data, builds up useful information and then gives you very specific, custom-made advice.

By profoundly analyzing your system and proposing proactive improvements on a continuous basis, IMPAQT offers you full optimization support.

With IMPAQT, you'll have a powerful tool at your fingertips to optimize your primary process in real-time and keep production equipment at the highest levels.



Are you ready for a big IMPAQT?

Are you ready to embrace IMPAQT software for your primary process?

→ Visit <https://jbtmarel.com/en/products/impact/> to book a meeting with one of our poultry software experts.



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