

Battelle PRIA

# PROBABILISTIC RISK INFORMED ANALYSIS



## A POWERFUL TOOL TO MITIGATE YOUR RISK

PRIA software is a state-of-the-art system developed specifically to address the food-safety concerns of poultry and other meat processors. Rather than relying on inefficient and limited spreadsheet-based methods, PRIA arms your team with intuitive software-based tools to evaluate your company's risk at each phase of processing.

PRIA then lets you quantify the impact of various mitigation strategies, while performing cost-benefit analyses in order to determine the best courses of action for specific circumstances.

What's more, PRIA equips you to conduct these analyses across multiple facilities, making it possible to standardize and benchmark best practices company-wide.

These capabilities can be critical to your QA efforts, of course. But they can be equally important to regulatory compliance. With PRIA, you won't run into calculation errors or inadequate documentation; when an auditor asks how you came to a particular conclusion months ago, the rigorous documentation you need will always be just a few clicks away.

## FAST AND EASY SIMULATIONS FROM FARM TO FORK

PRIA can free up the time that today's QA leadership spends manually building spreadsheets and calculating risk, so that this time can be invested to proactively address those risks.

It couldn't be much easier. Like the desktop-modeling tools we developed for the Department of Homeland Security, PRIA's operation is intuitive. So is interpreting the results; it replaces tables of data with intuitive graphics and animations.

PRIA lets you choose between selecting default settings when data is not known or customizing parameters for more finely-tuned analyses.

And with PRIA, it takes just seconds to run complete simulations. That means you can rapidly analyze the potential impact of changes in variables associated with any stage of the process, from a processing or storage temperature to antimicrobial dips or any stage in the supply chain.

## Benefits

- Extend product shelf-life
- Improve processing strategies
- Reduce exposure to bacteria
- Secure cloud-based computing
- State-of-the-art risk assessment
- Eliminate complicated spreadsheets



**BATTELLE**

**BOTTOM-LINE ADVANTAGES TO ENHANCE YOUR PROFITABILITY**

PRIA is a highly affordable solution – one that uses web-based cloud computing to give you ongoing access to the industry’s most powerful computing resources, without the expense of building and maintaining them unilaterally.

Then, once implemented, PRIA opens the door to significant economic advantages such as:

- Safely extending your products’ shelf life by hours or even days
- Protecting your brand through reducing the likelihood of recalls and shutdowns
- Improved preparation and response to regulatory inquiries
- Near-real time identification of the most profitable processing strategies for the circumstances at hand

Just as important, because these advantages can be advanced, directly and indirectly, to distributors and retailers, PRIA can give your company a distinct competitive advantage.

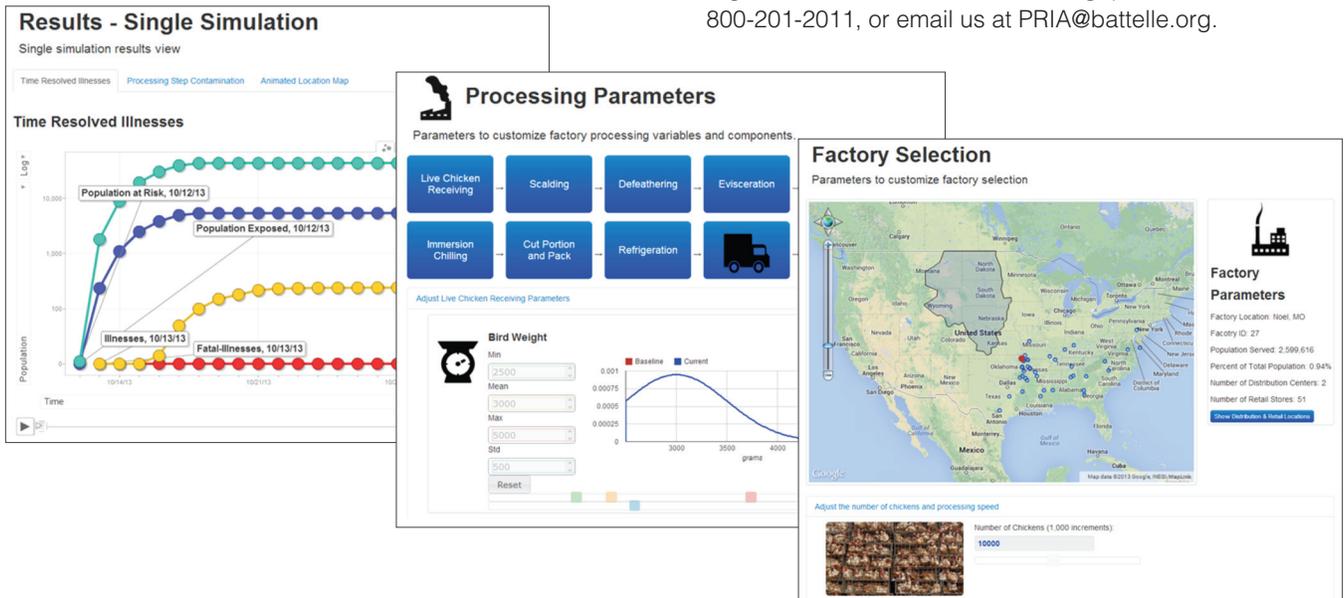


**MAY WE TELL YOU MORE?**

Battelle has been a leading provider of probabilistic risk analysis for the U.S. government since the 1970s – most recently, as the Department of Homeland Security’s premier resource for developing desktop modeling tools to analyze and mitigate terrorist threats to the U.S.

As we’ve become familiar with the risk profiles of various industries, we have identified opportunities to help specific segments that are battling persistent challenges. PRIA for poultry and other meat processors is the first to emerge from this work.

May we show you what PRIA could do for your organization? To schedule a meeting, please call us at 800-201-2011, or email us at [PRIA@battelle.org](mailto:PRIA@battelle.org).



Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories around the world, Battelle conducts research and development, designs and manufactures products, and delivers critical services for government and commercial customers. Headquartered in Columbus, Ohio since its founding in 1929, Battelle serves the national security, health and life sciences, and energy and environmental industries. For more information, visit [www.battelle.org](http://www.battelle.org).

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