

Go for the low-hanging fruit in AI

During the course of our conversations with organizations looking to transform their operations using AI, we hear a few common apprehensions. The questions range from the very practical – *is it expensive?* – to the more crucial – *is it risky? Or does it require extensive preparation?*

While large-scale transformations may be difficult, substantial benefits are still attainable without too much exposure or effort. These benefits may be obtained with the help of anomaly detection – the so-called low-hanging fruit in AI.

Anomaly detection, particularly the kind Falconry has recently productized is [incapable of missing anomalies](#) and provides operations personnel unmatched visibility into their plant operations. The ability to extract anomalies from terabytes of machine and process data without manual intervention gives operations teams the ability to focus their attention on emerging hotspots of the production process that are deviating from normal operations. This makes several types of equipment failures and quality issues preventable at scale.

But why is anomaly detection low-hanging fruit? Well, consider the alternative: developing and maintaining custom models or point solutions for each and every location and each and every failure mode. With this traditional approach to AI, you don't have to imagine the workforce effort and data sanitization that it requires, as you probably already know. Not only is this not conducive to scale, but it begs the question – who will maintain the AI through the lifecycle of the production? The vendor? An in-house data science team? It's a challenge many manufacturers are currently grappling with and it's one of the main reasons why there is an industry-wide shift towards products rather than projects, subscriptions rather than capitalization, and automation as opposed to manual creation. To this end, the solution for most manufacturers is to look to AI and particularly to automated anomaly detection to reap those higher-order benefits with minimum effort or investment.

If this seems interesting, [hit us up for a demo](#), and we'll guide you on how you can hit the ground running with automated anomaly detection.

VIDEO

Watch Falconry's anomaly detection in action

Learn more about how we proactively surface anomalies and unusual behavior that you wouldn't be able to find otherwise. Our software is able to do this without data setup or costly labeling efforts. Watch this demo video to see how it works.

[Watch Now](#)

ORIGINAL CONTENT

How deep learning with GPUs makes industrial automation AI real

Find out how Falconry's unique approach to deep learning models operating on GPUs optimally enables AI for industrial automation and exploits GPU acceleration at scale

[Read Now](#)

ORIGINAL CONTENT

Falconry's AIST presentation with ArcelorMittal now available

Download the full presentation in which we describe our experience in implementing a low-latency automated AI classification system that was utilized by subject matter experts at ArcelorMittal to precisely ascertain causal factors leading to strip breaks and implement corrective actions.

[Download Now](#)

Innovation Leader

Deloitte whitepaper on Edge AI with Falconry. Deloitte has written a whitepaper on the use of Edge AI in the private and public sectors with specific references to Falconry and its customers. The whitepaper highlights Intel for its CPU technology, and Oracle for its cloud-to-edge consistency and how Edge AI companies like Falconry leverage both to process terabytes of data at plant scale and accelerate business goals.

[\[View Whitepaper\]](#)

Briefs

Digital transformation: What have we learned? Geoffrey Moore, the famous IT innovation author, explains why digital transformation is most critical in operations and should be approached from the outside in and led by organizational leaders.

[\[Geoffrey Moore\]](#)

The cloud backlash has begun: Why big data is pulling compute back on premises.

The first generation of cloud-first companies are finding out that operating costs are too high for the return they generate, especially for machine learning and big data processing.

[\[TechCrunch\]](#)

Want to know more about Falconry?

[Let's connect!](#)

We won't sell your data to anyone. Ever!
