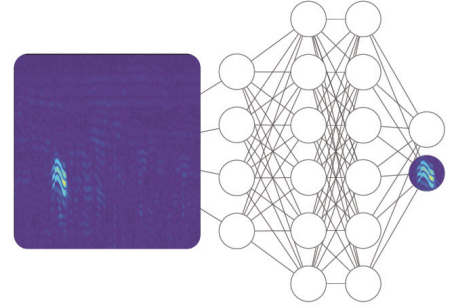


Automated defect detection with FlawML

FlawML is a revolutionary automated data analysis service based on machine learning. Machine learning enables human-level performance in complex data analysis like phased array UT inspection or digital radiography but with the speed and repeatability of automated system. For best reliability, the models are trained and tailored for customer inspection procedures and data and validated using industry-standard POD methodology.

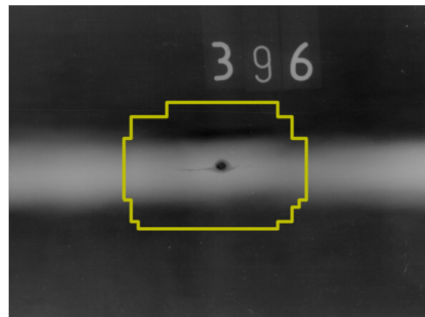
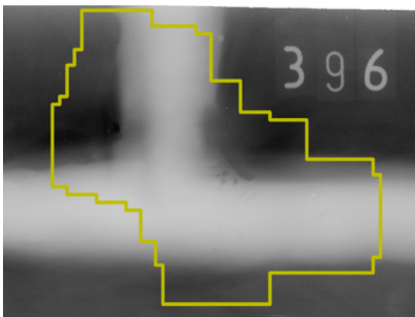


Overview

In most inspection cases, flaws are rare. Yet, all the data needs to be carefully evaluated to avoid critical misses. Thus most of the valuable inspector time is spent on inspecting data with no flaws. FlawML provides validated data analysis performance equal to the human inspectors. Thus the tedious and time-consuming task of data analysis can be entrusted to automated FlawML. The automated analysis will analyze the data in seconds and provide a report showing potential flawed locations, which human inspectors can then review. The human inspectors will still make the final call, but their time is used much more effectively.

Availability

For performance and reliability, each particular FlawML model is trained and validated on per-procedure basis. FlawML is available for most digital inspection data (UT, ET, RT, VT). It is not tied to any particular inspection equipment and can be used with existing equipment and existing procedures, as long as the data is readable. Please contact Iikka Virkkunen (likka.virkkunen@trueflaw.com) for a more detailed estimate for your inspection case.



Contact

Iikka Virkkunen
iikka@trueflaw.com
+358 45 6354415
www.trueflaw.com