

Kortical Brings Cutting Edge Machine Learning to Blue Prism which Gives Customers the Ability to Predict Faults 1454% Better than Current Methods

AI needs good quality data. Blue Prism automates and accelerates gathering data from a wide range of sources including legacy systems, Kortical's AI interprets that data and selects the correct action which Blue Prism can then carry out. Seamlessly integrating AI solutions at pace into complex enterprise stacks. In this use case Blue Prism and Kortical are combining to deliver quality ML predictive maintenance models into business as usual systems.

Powerful Predictive Maintenance to Maximise Operational Efficiencies

Advanced Machine Learning solutions combined with industry leading RPA means that enterprise can now access robust and scalable ML solutions that integrate seamlessly into their existing technology.

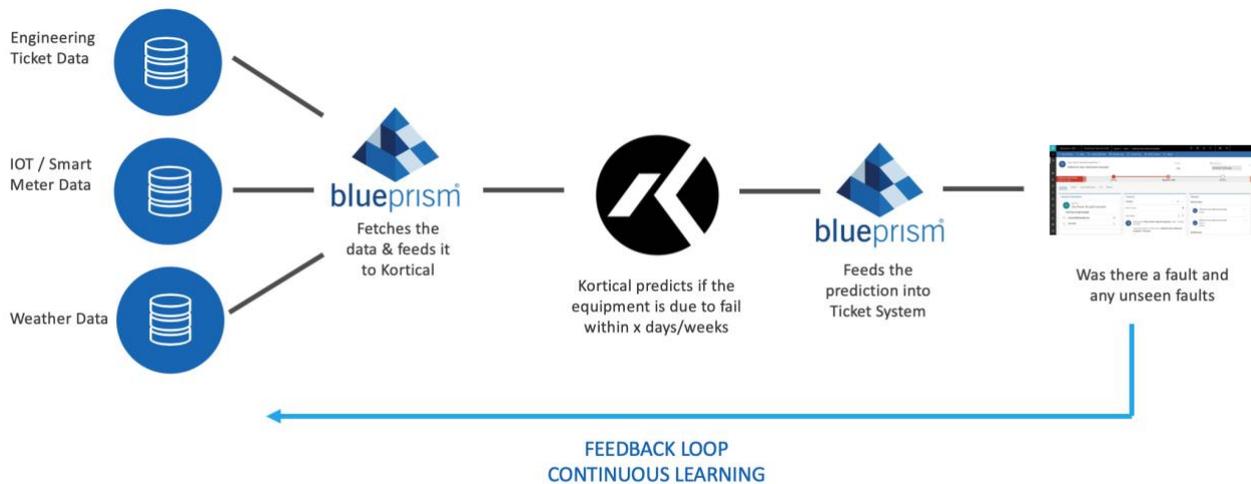
Predictive maintenance solutions are often delivered by rules-based systems which result in frequent false positives thus making them less effective and inefficient. Using advanced machine learning means that faults can be predicted in advance with much higher accuracy which results in higher equipment uptime at a lower operational cost. Combining Kortical's ML and Blue Prism's RPA ensures that the end solution is delivered into the current organisation's technology stack in accordance with the company's procedures and goals and delivering high ROI.

How it works

As the leader in AutoML with our models beating the likes of Google, Datarobot and H2O.ai, Kortical drives significantly more ROI from AI solutions. How that manifests is that better models mean better predictions for failures, which is where the ongoing value lies as that allows organisations to optimize their operational costs more effectively.

As the pioneer of the most robust, secure, and highly scalable Digital Workforce, Blue Prism's focus is on delivering an agile workforce that follows rules-based business processes and interacts with systems in the same way human users do – and that complements both traditional and leading edge IT solutions such as business process management (BPM), OCR, AI, machine learning, and front- and back-office productivity tools.

Combining Blue Prism's skills in collecting data and Kortical's AI model building it ensures that AI solutions are built at scale, at pace and they are robust in production.



Kortal and Blue Prism unlock the value in data to drive operational efficiencies

Gathering data from legacy systems is no mean feat and making that ready for machine learning is often a complex task. Then creating quality AI models, building them ready for production and keeping them up to date as new data comes in, is another large technology consideration.

- Blue Prism is able to get data from various systems, like engineering ticket/incident data, IOT smart meter data, weather data, equipment load data etc... and feed it into Kortal
- Kortal automatically builds the ML models and then creates a prediction on whether a piece of equipment is going to fail or not and can give the factors why
- That prediction is fed back to Blue Prism to integrate into the ticketing system to alert the engineers to fix the equipment before the fault occurs
- The information from the engineers / ticketing system is used as a feedback loop to the ML models and they are automatically retrained and if a better model is found will alert the data scientist to switch in the new model, thus ensuring the models are performing at the highest level

Summary

The Blue Prism / Kortal integration gives enterprises easy access to quality predictive maintenance AI/ML models which lets organizations easily automate the ML process from end-to-end, and deliver better equipment uptime at a lower operational cost.

About Blue Prism

As the pioneer, innovator and market leader in Robotic Process Automation, Blue Prism (AIM: PRSM) delivers the world's most successful Digital Workforce. Blue Prism provides a scalable and robust execution platform for best-of-breed AI and cognitive technologies and has emerged as the trusted and secure RPA platform of choice for the *Fortune 500*. For more information, visit www.blueprism.com.

About Kortal

As the leader in AutoML with a complete AI as a Service platform, Kortical automates the creation of quality AI/ML models, deploys them with a few clicks and automatically retrains new models to deliver an end to end ML service. This ensures successful AI projects, quick to production and ultimately high ongoing ROI.