

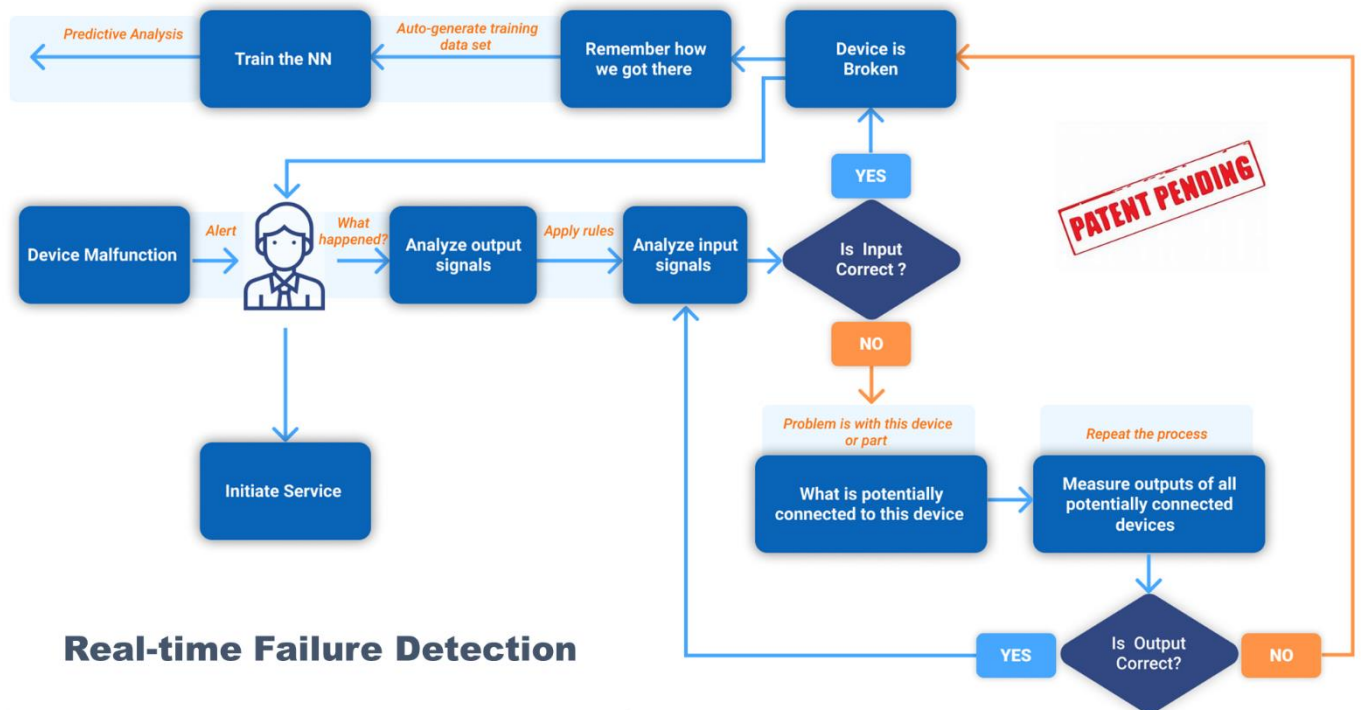
THE VERACITY OF IIoT REAL-TIME FAILURE ANALYSIS

Hey Enterprises and VARs!

The plurality of IIoT network brings unique challenges to industrial use cases and requires potent methodology for real-time failure analysis.

A rapidly failing water pump could be just an upshot of a problem incited by a leaking pipeline feeding a power supply hops away from the pump in the cluster of connected devices.

Applying human-driven AI models in the cloud and run the resulted assumptive ML at the edge, pretending to solve the above critical issues in real-time, is impractical.



Real-time Failure Detection

Vixtera developed patented algorithm utilizing root cause analysis for real-time failure detection. It runs at the edge, analyzes inputs and outputs of ecosystem's malfunctioned and interconnected devices – all in context of internal and external environment. The events are trending and tiering by priorities, rules and policies whereas analyzing and identifying a root cause of the problem in real time. The failure source is used as a reliable label for auto-generation of AI/ML training data sets yielding dependable outcome.

This innovation radically improves serviceability of IIoT devices reducing the downtime and time-to-repair.

Vixtera is developing IIoT edge software and delivering integrated solutions for industrial mission-critical applications.

