



AURA™ - Asset Life Cycle Management

Application Overview

Businesses require critical equipment to be running at peak efficiency and utilization to realize their return on capital investments. In the digitally connected world, Businesses face higher operational risk due to unexpected failures and have limited insight into the root cause of problems. Artificial intelligence can empower businesses by providing the capability to detect and predict failures well ahead of their occurrence

AURA™ Asset Life cycle management is an Artificial Intelligence solution framework that can be readily leveraged to augment plant personnel for making data driven decision making. AURA engages the worker with timely alerts on work priorities & work instructions, AURA enlightens the worker by predicting failures and detecting root causes, AURA enables the worker by prioritizing and automating work order creation

Solution

AURA™ Asset Life cycle management leverages machine learning to harvest sensor data from IOT platforms, process historians to detect patterns and anomalies. The solution has capabilities to simulate a range of scenarios that allows for technicians to find an optimal fix to the problem. The resulting insights can be leveraged to accurately predict machine failures to enable maintenance planning and prioritization in a pro-active manner. AURA also automates and integrates work order creation in the back end ERP systems and minimizes the number of keystrokes for the technician. AURA is pre-delivered with an intelligent assistant that helps maintenance personnel with timely work instructions and can improve compliance with manufacturer recommended guidelines

Business Value



Reduce Unplanned
Down Time



Improved Worker
Efficiency



Improve Asset
Utilization



Improved Work
Procedure Compliance



Features

Machine Learning

Simulations

Optimization

Natural Language Assistant

ERP Integration



Technologies in use

