



V3iT – Customer Success Story

SAP UNSTRUCTURED BIG DATA ANALYTICS FOR ENABLING PREVENTATIVE MAINTENANCE

AT A GLANCE

Company/ Industry
Petrochemicals

Several petrochemical companies came under a deep scanner after the Louisiana leaks, federal compliance reporting and preventative maintenance became mandatory.

Challenges and Opportunities

Historical maintenance data was available. Getting unstructured data, image sensing and recognition can use to predict preventative maintenance.

Objectives

Statutory reporting and compliance.

Solutions and Services

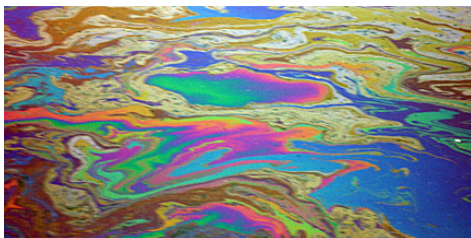
SAP HANA, BOBJ Explorer, R.

Implementation Highlights

HANA has a Business Function library and Predictive Analytics Library. R was used where these libraries fell short to enhance the capabilities and comply with the statutory/ mandatory objectives.

Why V3iT

V3iT has been doing SAP HANA implementations for over 3 years now supporting global SAP customers for over 15 years besides having consultants with over 20 years of SAP experience and several more years of industry experience, an acumen which very few companies can boast of.

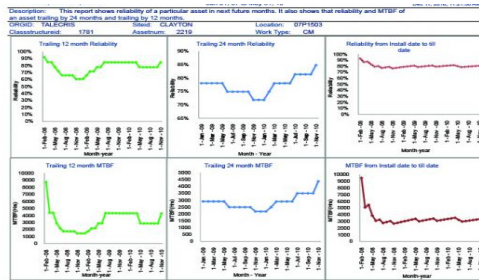


GET STARTED RIGHT AWAY

Historical data was first depicted in a heat map to identify where what was maintained, what was the cost, what was the Mean Time to Failure and Mean Time to repair etc.



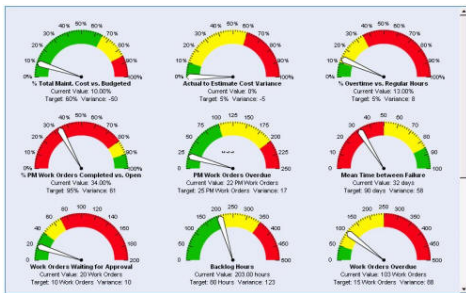
Asset reliability was then checked using predictive analytics



GET THE PICTURE

Unstructured graphic data from ocean bed was gotten in form of pictures and graphic recognition and pattern recognition techniques were used to do statutory reporting. This then was compared against the historical leak data and matched with comparable preventative maintenance that was performed synchronous with those leaks.

Statistical and predictive models then were used to predict when a failure can happen and preventative maintenance was performed, recorded and reported for statutory compliance.



Executive dashboard reporting was also made mandatory as part of this statutory compliance so that executives were held liable both criminally and in civil litigation and could no longer be in oblivion of what was happening under their node.

Contact Us

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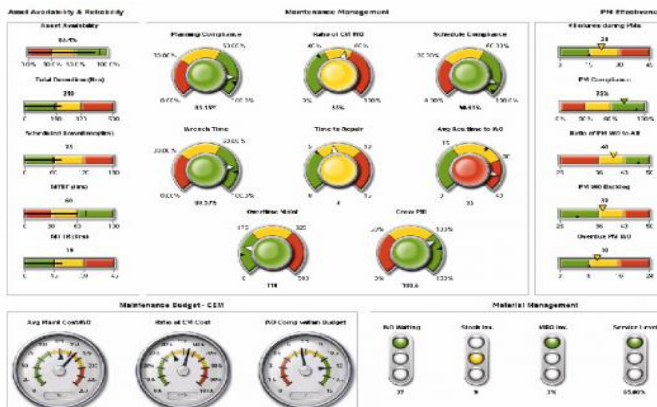


LET IT FLOW

After summarizing and visualizing the data, we can leverage SAP Predictive Analysis's Predict pane to evaluate models using predictive algorithms.

Petrochemical industry has been doing this but has never been streamlined.

V3iT helped SAP and Approvo certify Ignite on HANA which helps do this preventative maintenance.



Careful examination of metrics, KPI's statistical and predictive analytic algorithms combined with graphic reporting has made Ignite a great success.

V3iT is a leading Application Managed services Provider certified by SAP providing fixed cost support services to our clients.

Our mission is to deliver IT Services with a quick **V**alue, Clear **V**ision and at a high **V**elocity. Combining domain knowledge, focused approach, and technology understanding,

V3iT Consulting is an **SAP Service Partner**, **SAP Channel Partner** and **SAP EBM partner** along with an **SAP education partner** and one of the few companies certified as **Applications Managed Services Provider by SAP**.

We deliver measurable business value to our clients in every engagement, every day at every step on the way. Businesses today are demanding more from their technology partners - they demand solutions that work and services that are of genuine value. Our core operating philosophy is to become a trusted technology partner to our customers and the prospective customers.

With V3iT, you work with seasoned team of consultants without the overhead costs while getting quick response to required help.

What our Clients are saying:

"V3IT is the most pleasant vendor I have worked with to date. Highly responsive, polite, and willing to educate the customer on the best course of action. This company really gets it, both the technology and a customer centric approach. No matter what issues we encounter, I always end the day secure that our issue is being handled in the most professional manner possible. V3IT takes