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Introduction

The boundaries between digital and traditional ways of work are constantly blurring as technology permeates every facet of modern life. Blending physical and digital experiences has led us on to a ‘phygital’ world. Large organisations, small businesses, and individuals are increasingly relying on data to perform their day-to-day tasks. Massive sets of data are being analysed by artificial intelligence to give insights.

The flipside to collation and analysis of data providing enormous opportunities, are the underlying risks that come with the ‘always on’ and ‘always upgrading’ digital communication ecosystem.

Organisations today are seeking to increase ‘risk intelligence’ by clearly defining, understanding, and managing their tolerance for exposure to risk.

Advanced analytics capabilities and cognitive technologies enable better visibility into the challenges associated with managing the many types of risk in such key areas as operations, finance, compliance, controllership, and risk management functions.

By using analytics to measure, quantify, and predict risk, leaders can rely more on data-driven insights instead of intuitions.
Our risk analytics capabilities span across all business functions. Our practitioners have experience and knowledge across a wide range of skill sets including data and process mining, statistical modelling, data analysis, automation, risk analysis, forecasting, descriptive and predictive modelling, artificial intelligence and machine learning, database management, and cloud analytics.
To help organisations rapidly take on the journey of analytics we offer flexible deployment options – On-demand advisory support to on-premise and on-cloud deployment with Build-Operate-Transfer (BOT) and Build-Operate-Maintain (BOM) models.

**Solution and asset pool**

**Solutions**

- **Continuous Control Monitoring** for key business processes
- **Fin Risk Analyser** to accelerate effective book closing process
- **Safety analytics** for improving efficiency of issue identification, investigation, and resolution
- **Analytics for consumer business** for effective decision-making
- **Pharma analytics** Solution hub for pharma-specific process
- **Project risk and decision Support** for deeper insights on the project delay
- **Advanced analytics** Machine learning approach to identify hidden risk
- **Algorithmic risk review** to unveil the black box of algorithms

**Asset**

**Risk Insights through Analytics (RIA)**
Cloud-based analytics platform that delivers self-service analytics and custom analytics solutions directly into the hands of the user
Solution deep dive

Continuous Control Monitoring

Continuous Control Monitoring (CCM) solution uses tools and technologies to increase organisations’ capacity to anticipate risk and maximise business opportunities through data-driven insights. CCM empowers organisations to focus on compliance, cost optimisation, and operational efficiency for key business processes. Some of the popular areas for application of CCM include:

- Procurement
- Order to Cash
- HR & Payroll
- Logistics
- Freight
- Inventory
- Travel & expense
- Master data management

Fin Risk Analyser

Fin Risk Analyser (FRA) is a highly customisable tool that facilitates a comprehensive analysis of accounting entries and provides a 360-degree view of transactions posted during the book closing process. It enables the management to monitor unusual transactions (manual entries, dormant users, GL accounts anomalies, etc.) using trial balance and journal entry data.

Analytics for consumer business

High-quality analytics dashboard pertaining to consumer business specific processes like revenue, plant, and branch operations etc. hosted on a cloud platform that are easily accessible in a consistent manner and hence increasing the ease of access for non-technical users and empowering management to make insight-based decisions.

Pharma analytics

The pharma process analytics solution (e.g. field force, solvents, doctor expense) provides decision support for CFOs and management using data insights to weigh in on strategic challenges. It also brings process efficiency by identifying opportunities for process optimisation, digitisation, and automation.

Safety analytics

Safety analytics helps in monitoring safety KPIs and highlighting the areas which need immediate focus. It is driven by Artificial Intelligence and robotics to recognise patterns and events by 24x7 monitoring. The solution features cross-source data correlation, machine learning, risk-based alerting, and dynamic data visualisation.
**Project risk and decision support**

This solution provides an integrated system which gives insights on project delay, its root causes, and financial impact. It brings visibility and predictability for faster data-based decision-making for projects, by predicting activity and project delays using simulation-based statistical models, defining cost allocation and providing insights on the financial impact of delays.

**Advanced analytics**

This solution evolves around identifying hidden risk by integrating advanced models, machine learning, process mining, and process transformation capabilities with data insights. It leverages powerful artificial intelligence to deliver preventive/predictive risk alerts based on models built on transaction history. It applies machine learning to detect anomalies and raise potential risk flags close to real-time.

**Algorithmic risk review**

Algorithms run in the background and often function as "black boxes". With their internal workings and functioning largely hidden from developers and end users, monitoring algorithms can be difficult. Further, they may subject organisations to unanticipated risks. Our solution aims to address the unattended risks and mitigate them by scanning the entire process through our risk management framework.
Asset deep dive

Risk Insights through Analytics (RIA)

Integrated analytics application dedicated to analysing risks applicable to business processes across industries and sectors

Benefits:

- Delivers self-service analytics and custom analytics solutions directly into the hands of the user, making it a user-friendly platform
- Helps users to incorporate data analytics into their audits, enabling higher quality in a cost-effective and efficient manner
- Offers customised solutions for specific business requirements that businesses may have
- Accessible anywhere, anytime as it is hosted on a secured cloud infrastructure

Conclusion

We take pride in taking an integrated approach of using our analytics capabilities with industry experience to drive outcomes that address our client’s issues. Our business and industry knowledge helps clients seize the opportunity to better manage risks across a diverse range of topics, from compliance to process transformation.

Together, we help organisations take an intelligent approach to risk. Our cost-effective, customisable delivery models can be used to deliver analytics-driven insights anytime.
Risk Analytics

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