Data Analytics/Continuous Controls Monitoring (CCM)

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Professional Techniques – T22

Session Abstract

This session will review an approach to rolling out Continuous Controls Monitoring (CCM) from a basic data analytics initiative with real life examples of analytics and how they should be developed. The Sunera approach is a tried and true approach that works with limited investment and targets low hanging fruit first. During the presentation we will cover the do's and don'ts of Data Analytics, discuss the documentation that should be present for all Data Analytics initiatives, and cover the best methodology for rolling out a CCM program.

Target Audience

Those interested in gaining a better understanding of how to roll out an efficient and effective data analytics program or transition it from an infancy level to a mature level. Anyone interested to learn more about the following concepts:

- o   Continuous Audit & Continuous Monitoring
- o   Overview of software
- o   Types of analytics that can be automated
- o   Methodology for setting up CCM
- o   Benefits of CCM
- o   Challenges of implementing CCM
- o   Sunera Based Real-Life CCM

Speaker Bio

Parm is a Director with Sunera and leads the national data analytics practice. Parm has over 13 years of data analytics, audit, and controls experience. Parm has lead multiple data analytics and Continuous Controls Monitoring (CCM) initiatives; installed, implemented, and configured ACL Audit Exchange; has over 10 years of experience implementing and configuring Arbutus CCM software; has been involved in IT general controls, application controls, internal audit, IT risk assessment, process improvement advisory, operational audit, Sarbanes-Oxley Act (SOX), and National Instrument 52-109 projects; and has been involved in vulnerability assessments and penetration testing for clients. Parm was also involved in a major CCM feasibility study conducted by ISACA to assess what organizations need to do and/or have in place to initiate a CCM effort.

Prior to joining Sunera, Parm worked in compliance audits, IT risk assessments, vulnerability and penetration testing, data analytics, and IT audits with similar firms. Parm also worked at

PriceWaterhouseCoopers in the Advisory group performing revenue assurance consultancy focused on the telecommunications industry. Parm is a Certified Information Systems Auditor (CISA) and ACL Certified Data Analyst (ACDA).

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