

Cyber Security – Defending Against Ransomware

Bo Cheng, PhD¹

¹ Alturas Analytics, Moscow, ID

Overview

The increasing threat of ransomware has resulted in companies re-evaluating their cybersecurity protections. This presentation will review the heightened ransomware attacks in the recent years, analyzes how ransomware functions, and the damages it can cause. An overview of ransomware history and how it evolves to an ecosystem will be provided. This presentation recommends a preventative action plan to reduce the risk of ransomware attacks and best practices for employees to follow to stop the infiltration of ransomware will be introduced. This talk will also describe how Quality Assurance can play a role in ensuring companies and CROs have implemented the basic procedures to thwart ransomware attacks.