

ABSTRACT

MULTIDIMENSIONAL ASSESSMENT OF CYBER SECURITY RISK

Methods and systems describe providing for the multidimensional assessment and management of cyber risk. First, a digital cyber risk agent is deployed to a number of end points associated with a client. The cyber risk agent is configured to access the end points for cyber risk based on a detection of a number of cyber risk factors along multiple dimensions at the end points. Second, a risk score is generated for each cyber risk factor detected at the end points. Third, the risk score is aggregated for the cyber risk factors to generate an overall risk score for the client. Finally, the system modifies a base insurance premium based on the overall score.

Figure 1A