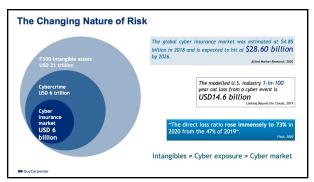
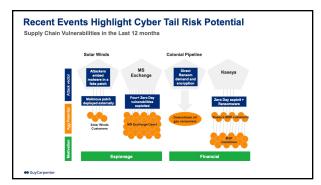
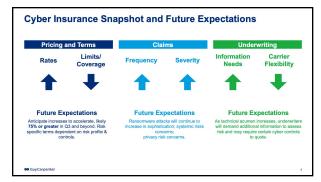
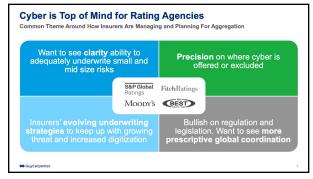
Current cyber landscape & Impact on Insurance Market



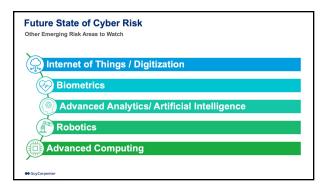






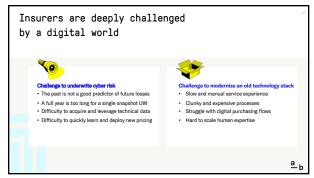




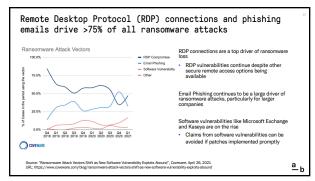








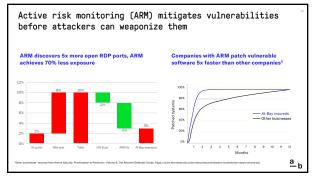


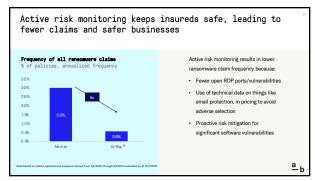


Attackers react quickly to reverse engineer, weaponize, and scale software patches

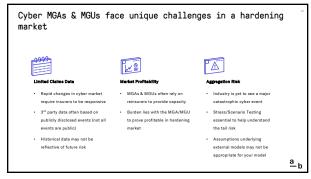
Attack Timeline
Microsoft Exchange

Society
First bediction of recomment group
Jack by Mar 2dd Mar 4th Mar 2th Mar 11 Mar 14 Mar 19









Monte Carlo simulation provides ranges given limited data & assign probabilities to adverse scenarios

| Nonte-Carlo Simulated Lose Ratios | Incurred Loss as a % of Premium Earned | Limited Claims Data | Cyber is a low frequency, high severity line | Confidence intervals can be used to better inform management and reinsurers of possible outcomes | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability in the tails associated with higher frequency events | Aggregation Risk & ERM | Parameters can be selected to simulate profitability and the selected to simulate profitability and the selected to simulate profitability and the selected to simulate profitability | Parameters can be selected to simulate profitability | Parame

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