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- Headline news about cyber attacks and data breaches give rise to increased demand for cyber insurance
- A \$2.4 billion industry in US today, projected to growth significantly over next 5-10 years
- PWC estimates worldwide premium ≥ \$7.5B by 2020
- Allianz projects \$20 billion by 2025
 The London cyber insurance market has seen a 50% YOY rise in insurance
- submissions during the first three months of 2015















PRISM-Re™

- Willis Re's new proprietary portfolio model for cyber risk
 Developed out of Willis PRISM™
- Incorporates industry-leading expertise of the Willis Cyber Team
 Estimates a portfolio's exposure to privacy breach
 - Objective analysis of exposures using current risk indicators
 - Reflects potential loss "contagion" within / between industry sectors

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- Applications
 - Estimate downside risk due to privacy breach
 - Track risk-adjusted pricing relativity over time
 - Monitor shifts in the risk profile
 - Indicate potential improvements to portfolio composition
 - Allocate capital to portfolio based on riskiness















Future model developments

- New territories to venture into:
 - Sectors that haven't been modeled
 - Risks with not much data
 - Jurisdictions that haven't had established cyber insurance distribution channels or products
- Model maintenance
 - Improve and refine based on new experience and trend observed