MARSH

CYBER RISK MANAGEMENT SOLUTIONS

HELPING YOU BUILD RESILIENCE AND CONFIDENCE

SOLUTIONS…DEFINED, DESIGNED, AND DELIVERED.

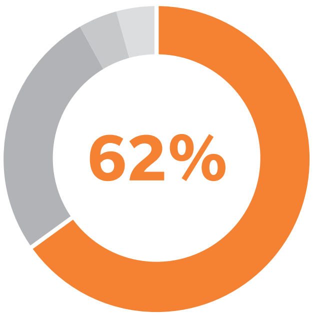
MARSH & McLENNAN COMPANIES

MANAGE CYBER RISK WITH CONFIDENCE

From the rise of artificial intelligence to the proliferation of smart devices, technology is reshaping the business landscape — and intensifying cyber risks for companies in every industry.

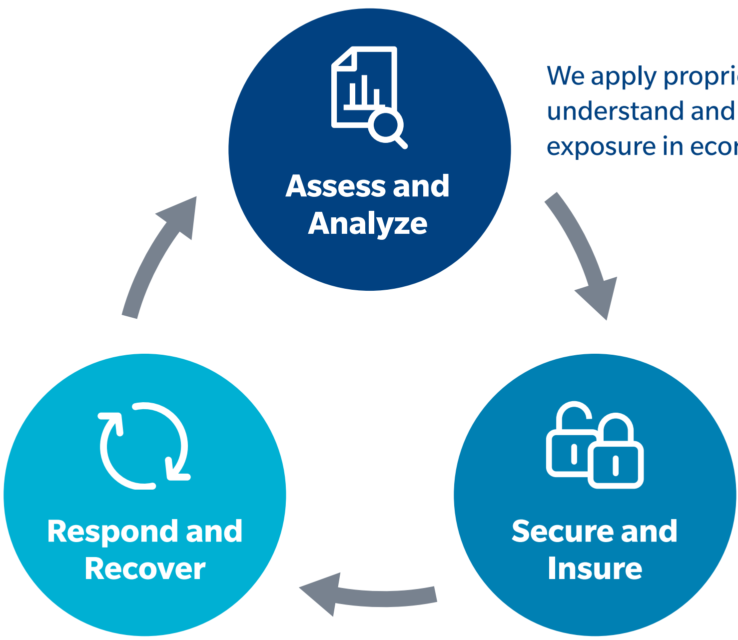
Today, cyber-attacks have moved beyond data breaches to sophisticated schemes designed to disrupt businesses and supply chains, costing organizations billions of dollars. It's no wonder that nearly two-thirds of executives cite cyber risk as a top five corporate risk.

Despite the heightened concern, most companies struggle to manage cyber risk effectively and cost-efficiently. Even as cybersecurity budgets escalate, hackers find new ways to penetrate systems and paralyze operations, and economic losses from cyber events continue to climb. Many firms lack insight into the risk reduction impact of their cyber spending — and lack confidence in their cyber response capabilities.



Of 1300+ executives surveyed globally, nearly 2/3 say cyber risk is a top five priority.[1]

MARSH HELPS OPTIMIZE YOUR CYBER RISK INVESTMENT AND RESILIENCE



We apply proprietary tools to help you understand and quantify your cyber exposure in economic terms.

We provide insight and analysis to drive informed decision-making about your cyber risk spending.

We then design and deliver best-in-class services and products tailored to your needs.

We help strengthen your cyber resilience through planning, practice, and critical resources.

[1] Marsh Microsoft Global Cyber Risk Perception Survey

OUR CYBER RISK MANAGEMENT SOLUTIONS

Effective cyber risk management requires a comprehensive approach — one that combines appropriate cyber defenses with broad insurance coverage and well-rehearsed resiliency plans.

Assess and Analyze

- **Cyber Threat Environment Assessment:** We apply big data insights on threat actor behavior and perception to evaluate the likelihood and intensity with which your organization might be attacked — and benchmark that risk against your peers.
- **Cybersecurity Program Maturity Assessment:** Our proprietary self-assessment questionnaire identifies areas of strength within your cybersecurity program and flags areas for improvement. It is accepted by all major insurers as a submission for cyber insurance.
- **EU GDPR Self-Assessment:** Our proprietary questionnaire measures organizational preparedness with GDPR regulation, identifying areas of strength or needing increased focus.
- **Third-Party Cyber Risk Monitoring:** We evaluate the cyber risk inherited from your vendors — then prioritize risk mitigation measures, such as heightened surveillance or contractual insurance obligations.
- **Cyber Impact Modeling:** We deploy cutting-edge risk analytics and models to help you project potential losses from a cyber event:
  - **Data breach impact modeling:** Projects the range of first- and third-party costs arising from simulated breach events.
  - **Business interruption impact modeling:** Benchmarks and projects the range of losses from a severe operational or network disruption.
  - **Cyber scenario modeling**: Creates customized cyber event scenarios to identify potential types of losses, quantify associated financial impact, and inform risk transfer decision-making about insurance gaps, limits, and coverage.

Secure and Insure

- **Optimized Cybersecurity Spending:** We project the dollar amount of risk reduction generated from cyber risk mitigation measures so that you can prioritize investments and optimize your cyber spending.
- **Insurance Coverage Analysis:** We review your current policies to identify coverage gaps and overlaps and, by modeling potential losses, determine your specific cyber insurance needs.
- **Tailored Insurance Program Design:** Our proprietary, innovative products, including Cyber CAT and Cyber ECHO, provide broad primary and excess coverage for cyber and technology risks such as business interruption, supply chain, and regulatory risk, backed by nearly $2 billion in market capacity.

Respond and Recover

- **Cybersecurity Seminars:** Our expert briefings bring directors and executives quickly up to speed on cyber risk management fundamentals, equipping senior leaders to fulfill their fiduciary and risk oversight obligations with confidence.
- **Cyber Incident Response Planning:** We develop customized tabletop exercises and event simulations to help you prepare and test protocols and processes to improve your cyber event response.
- **Complex Claims Resolution:** Marsh forensic accounting and claims advocacy experts help document your cyber event losses and guide you through faster claims resolution.
- **Access to World-Class Experts:** Our clients have access to leading crisis management, legal, public relations, credit notification, and technology advisors who can help you confidently navigate the response and recovery process.

ARE YOU ASKING THE RIGHT QUESTIONS?

The cyber risk environment is constantly evolving. What steps is your organization taking to build cyber resilience? Are you having the right discussions about best practices in cyber risk management? Talk to Marsh for answers.

**Have you quantified your business interruption cyber risk?
How does it align with your firm's overall risk tolerance?**

**How broad are your current cyber coverages?
Are your limits sufficient and aligned with your exposure?**

**How do you plan for evolving regulation around data protection?
Have you developed and rehearsed a cyber incident response plan?**

HARNESSING THE POWER OF MARSH

Marsh's Cyber Center of Excellence harnesses the power of the world's largest insurance broker and expert risk management advisor under one roof, to deliver market-leading cyber risk management solutions.

PEOPLE:
UNPARALLELED EXPERTISE

- **75+ dedicated cyber risk experts, brokers, and advisors** worldwide, working together to deliver integrated solutions.
- Deep bench of **highly credentialed, experienced professionals**: cybersecurity advisors, legal professionals, claims advocates, and former underwriters.

PRODUCTS:
INNOVATIVE COVERAGE AND ANALYTICS

- **Cutting-edge, proprietary products** that draw on 25+ years of experience and expertise to meet client needs and stay ahead of emerging risks.
- **Purpose-built risk models** that leverage proprietary data and analytics to help clients respond to the latest cyber threats.

POSITION:
GLOBAL CYBER LEADER

- Deep relationships with leading carriers that support the placement of **more than $750 million in premiums globally**.
- More than **6,000 clients of our Cyber and Errors and Omissions practices** around the world.

To learn more about our cyber risk management solutions, contact the Marsh Cyber Center of Excellence at cyber.growth@marsh.com or:

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