## **GLOBAL PROPERTY**

# **Loss Prevention Engineering**





## **Loss Prevention Engineering**

### **Partnering to Prevent Losses**

Global Property has worldwide, world class loss prevention and engineering capabilities that serve multiple disciplines and occupancies, including a full suite of High Hazard and Highly Protected Risk (HPR) services.

Our global engineering capabilities support our market-leading per risk capacity of up to \$1.5 billion for well-protected, well-managed risks. The engineering team is structured to support the market segments we serve. We are well-known for our deeply specialized industry segment knowledge and expertise, a key competitive differentiator. Clients benefit from our unique partnership approach; we focus on collaboration and transparency to deliver cost-effective and client-centric recommendations.

Our engineering team uses sophisticated benchmarking systems and proprietary metrics to help clients tangibly evaluate the cost-benefits of potential risk improvements and make well-informed decisions in deploying resources. The success of our services is evident in measurable results that impact our clients' bottom lines.

## Global Advantages

Global Property's loss prevention resources are on the ground in over 40 countries. We have over 200 highly trained, in-house field and account engineers and access to an additional 600 specialists and field engineers worldwide.

Our engineers are true collaborators. We offer a partnership that helps to play an integral role in our clients' corporate loss prevention efforts. Well-versed in local regulations and risk trends around the world, our account engineers analyze AIG's abundant loss and claims data to provide meaningful, cost-effective risk improvement recommendations.

Additionally, our engineering team has an unsurpassed multinational service offering, including critical natural catastrophe loss prevention assessments.

## **Key Differentiators**

- Worldwide, world class loss prevention engineering capabilities support marketleading per risk capacity of up to \$1.5 billion
- Highly specialized engineering services across all disciplines and occupancies
- Dedicated team ensuring client needs are understood and prioritized
- Clients benefit from collaboration, flexibility and transparency throughout the engineering program development

## **Engineering Specialization**

### Transparency is a Top Priority

Our detailed risk rating and reporting information assists clients in better mitigating their exposures. We provide information that helps clients weigh the cost-benefits of specific loss control measures and allocate their resources appropriately.

### **Technical Expertise**

Our deep industry knowledge is complimented by a team of technical experts that provides additional loss prevention insight and support. These experts include professionals with decades of experience managing rotating and electrical equipment exposures, valuation and reliability concerns, natural hazards, business impact and supply chain risk.

### **Energy and Engineered Risk Engineering**

We have approximately 100 engineers around the world who specialize in energy, from power generation, to mining and surface processing, with expertise in such occupancies as rotating equipment, electrical equipment and valuation analysis. Our technical skill and decades of energy and construction experience amplifies the power of our loss prevention for sophisticated projects and operations.

# Some of our specialized engineering disciplines include:

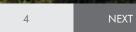
- Fire protection planning and impairment programs
- Boiler and machinery operations
- Equipment breakdown
- Sprinkler system design specifications and approval
- Business continuity planning and supply chain assessment
- Assessment of management programs, such as maintenance, inspection and operations
- Thermograhic surveys and Transformer
   Oil Gas Analysis (TOGA); (North America)



### **Engineering Industry Specialization**

Our specialists focus on the exposures of many industries and occupancies, including:

Agriculture	Mining and Surface Processing
Automotive	Oil and Gas
Cement	Pharmaceuticals
Chemicals (organic and inorganic)	Power Generation
Construction (CAR/EAR)	Pulp and Paper
Defense	Real Estate
Food and Drink	Refining and Petrochemicals
General Property and Service Occupancies	Retail
Healthcare	Steel
Manufacturing	Terminals
Metal Processing	Utilities



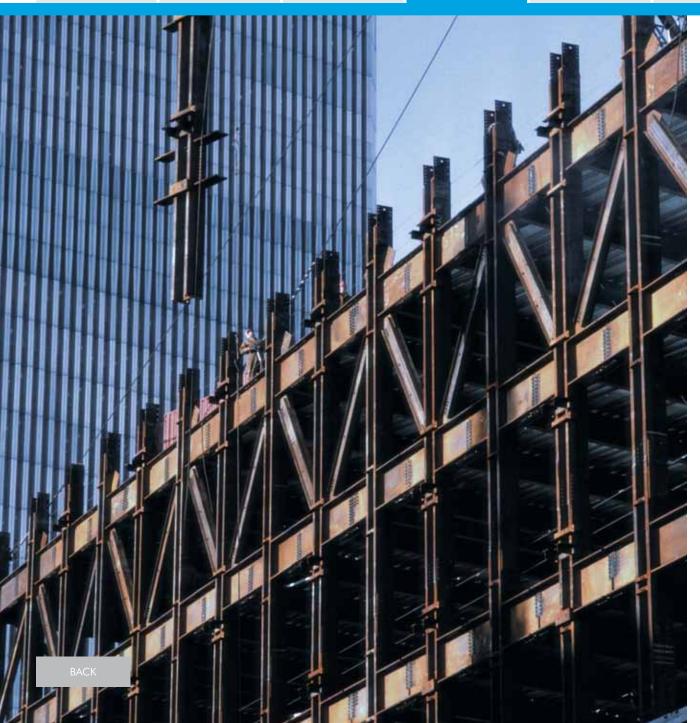
LOSS PREVENTION ENGINEERING

ENGINEERING SPECIALIZATION

REAL RESULTS ENGINEERING CAPABILITIES

ENGINEERING
CAPABILITIES (CONT.)

SOLUTIONS FROM A GLOBAL LEADER



## **Real Results**

Our engineering works. AIG's proprietary risk rating and benchmarking systems help clients more effectively monitor the progress of their own risk management programs. Our proven plan reviews identify design deficiencies in our clients' proposed new construction or refits, thereby avoiding costly design mistakes or retrofits.

Each year our engineers help clients implement risk improvements that:

- Eliminate millions of dollars in loss potential from their operations
- Drive improvements in risk rating scores, providing quantitative feedback to executives and location managers
- Reduce the likelihood of business interruption through disruption at key locations or with critical suppliers

## **Extensive Engineering Capabilities**

#### **Client Service Process**

Clients benefit from a single point of contact. Our account engineers can help ensure implementation of the service plan, arrange plan reviews, track and trend risk improvements and provide consultative services for unique problems. They also provide ongoing, timely reports that can spotlight the cost-benefits of specific risk improvements.

### Site Inspections and Risk Assessments

We bring an expert perspective to identifying risks and assessing the adequacy of our clients' loss prevention strategies. We provide practical recommendations to help reduce the cost of risk and minimize the likelihood of physical damage or disruption to operations. Our detailed reports enable clients to gain a deeper understanding of the facts and data that form our assessments, conclusions and recommendations.

### Natural Hazards Evaluations

Our engineers can quantify a client's vulnerability to potential natural catastrophe exposures. This strategic service helps clients prepare optimal target response plans and investments. We provide cost-sensible recommendations to mitigate natural hazard exposures, including structural and operational risk improvements.

## Highly Protected Risks (HPR) Reviews

Our industry-focused HPR specialists help clients enhance protection systems and management controls. We review current loss prevention measures and exposures and provide insights designed to improve safeguards intended to ensure compliance with relevant codes and standards, both local and international.





ABOUT
GLOBAL PROPERTY

LOSS PREVENTION ENGINEERING

ENGINEERING SPECIALIZATION REAL RESULTS ENGINEERING CAPABILITIES

ENGINEERING
CAPABILITIES (CONT.)

A GLOBAL LEADER

### Solutions from a Global Leader

AIG is a worldwide market leader and one of the few truly global property casualty insurers. Our clients receive comprehensive, proven loss prevention and engineering services to help reduce their overall property risk exposures. Our engineering team's collaborative approach to client management is establishing a new standard of excellence in the industry. Global Property brings a refreshing commitment to long-term partnerships and comprehensive risk management.

To learn more about AIG, please visit www.aig.com





## Bring on tomorrow

American International Group, Inc. (AIG) is a leading international insurance organization serving customers in more than 130 countries. AIG companies serve commercial, institutional, and individual customers through one of the most extensive worldwide property-casualty networks of any insurer. In addition, AIG companies are leading providers of life insurance and retirement services in the United States. AIG common stock is listed on the New York Stock Exchange and the Tokyo Stock Exchange.

 $Additional information about AIG can be found at www.aig.com \mid YouTube: www.youtube.com/aig \mid Twitter: @AIG\_LatestNews \mid LinkedIn: www.linkedin.com/company/aig$ 

AIG is the marketing name for the worldwide property-casualty, life and retirement, and general insurance operations of American International Group, Inc. For additional information, please visit our website at www.aig.com. All products and services are written or provided by subsidiaries or affiliates of American International Group, Inc. Products or services may not be available in all countries, and coverage is subject to actual policy language. Non-insurance products and services may be provided by independent third parties.

Certain property-casualty coverages may be provided by a surplus lines insurer. Surplus lines insurers do not generally participate in state guaranty funds, and insureds are therefore not protected by such funds.