



£4.1k
(exc VAT)
**PER MONTH
Site License**

IAMRisk

Reduce your plant insurance premiums by 12.6% in year 1 and increase your corporate, social and environmental responsibility.

IAMRisk is an expert system that can enable you to quantify and qualify your current plant fire, gas release and explosive risk levels.

Post audit you will have a risk reduction plan, with a quantified plant risk reduction value for each improvement. Can you afford not to?

IAMRisk

IAMTech were recently asked by BP Plc and Jupiter Insurance (BP's own captive insurer) to join a working group, consisting of; BP, AON, Zurich, Marsh and Baker Risk to build a Fire & Explosion Hazard Management Audit software solution.

BP & Jupiter had evaluated the software market prior to forming the working group, trying to find an existing piece of software that would enable process operators working in BP's assets to perform a comprehensive fire & explosion hazard audit, without having to have been risk trained or had the necessary risk experience to perform the audit.

In summary, an expert user system.

Their search failed to find an existing piece of software.

So IAMTech were asked to capture the working knowledge of risk experts from the working group with a new piece of software, thus creating the expert user system required, the first of its kind on the market.

Under the agreement to build the system, IAMTech were entitled to retain the intellectual property to the software and sell it to the market.

Working in partnership with Baker Risk, IAMTech have proceeded to further develop the software.

It (IAMRisk) is now available for you to use to undertake fire & explosion hazard audits, enabling you to qualify and quantify fire and explosion risk of oil and gas industrial assets, both on and offshore.

Asset owners can use the findings to drive asset insurance premium reduction, by following a plan of recommendation improvements compiled by the audit, demonstrating improvement (fire and explosion risk reduction) over time to their underwriter(s).

Risk Fire Hazard Management Assessment Report

11. Risk Assessment

11.1. Risk Matrix - Parameters

Risk Matrix	FS
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11.2. Risk Matrix

Likelihood	Frequency	Expected to occur at least once in life of unit	Occurs several times in life of unit	Risk Level					
				Improvement Needed - 4	Borderline - 3	Improvement Needed - 4	Borderline - 3	Improvement Needed - 4	
5	Almost Certain	> 1 event every 10 years	Occurs several times in life of unit	>10-1	Improvement Needed - 4	Borderline - 3	Improvement Needed - 4	Borderline - 3	Improvement Needed - 4
4	Likely	> 1 event every 100 years	Expected to occur at least once in life of unit	>10-2	Borderline - 3	Improvement Needed - 4	Borderline - 3	Improvement Needed - 4	Borderline - 3
3	Moderate	> 1 event every 1,000 years	Occurs at least annually in industry	>10-3	Borderline - 3	Borderline - 3	Improvement Needed - 4	Borderline - 3	Improvement Needed - 4
2	Unlikely	> 1 event every 10,000 years	Has occurred at least once in industry	>10-4	Low Risk - 2	Borderline - 3	Borderline - 3	Improvement Needed - 4	Improvement Needed - 4
1	Rare	> 1 event every 100,000 years	Could occur in the industry	>10-5	Negligible - 1	Low Risk - 2	Borderline - 3	Borderline - 3	Improvement Needed - 4

Consequence	Description	Risk Level				
		Improvement Needed - 4	Borderline - 3	Improvement Needed - 4	Borderline - 3	Improvement Needed - 4
Employee Safety	Employee Safety	One or more first aid cases	One or more recordable injuries or lost-time cases	One or more disabling injuries	One or more life-threatening injuries	Multiple life-threatening injuries
	Public Safety	Release resulting in offsite complaint	One or more community first aid cases	One or more community medical treatment cases	One or more community long-term medical treatment cases	One or more life-threatening injuries in community
	Ecological	>1 day to recover	>10 days to recover	>3 months to recover	>3 years to recover	>30 years to recover
	Socio-political	Local news coverage	Regional news coverage or sustained local coverage	National news coverage or sustained regional coverage	Global news coverage or sustained national coverage	Sustained global news coverage
		Quantity	Enforcement		Regulatory	Legislative

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Risk Fire Hazard Management Assessment Report

	Government Response	responsible to some agency including corporate reporting	action by outside agency (e.g. fines, decons, etc.)	Forced shutdown of unit or facility	response near result of incident	response government hearings, new laws enacted
Property Damage	>\$10k - <\$100k	>\$100k - <\$1MM	>\$1MM - <\$10MM	>\$10MM - <\$100MM	>\$10MM - <\$25MM	>\$25MM
Lost Production	>1 hr <10 hr	>10 hr <100 hr	>100 hr <1000 hr	>1,000 hr <2000 hr	>2,000 hr	>2,000 hr
	1	2	3	4	5	
Potential Impact Cost						
Improvement - 3	Public safety - release resulting in offsite complaint.					
Borderline - 3	Mitigation required to reduce risk to tolerable levels. Implement at first available opportunity not exceeding 60 days.					
Improvement Needed - 4	Risk reduction needed. Implement mitigation at best opportunity.					
Borderline - 3	Borderline tolerable risk. Monitor risk for changes / implement cost-effective mitigations at best opportunity.					
Low Risk - 2	Low risk. Monitor for changes.					
Negligible - 1	No significant risk. Mitigations not necessary unless risk increases.					

★ IAMRisk Benefits

- ✓ Produce a demonstrable risk reduction plan for your Oil, Gas, Power or Chemical assets to drive your insurer to reduce your premiums.
- ✓ Understand the cost of performing site safety improvements to effectively manage budget and prioritise improvements across a multi-asset portfolio.
- ✓ IAMRisk is web-based application, but it also works 'offline', pushing any data entered into the application into the cloud the next time the device is connected to the internet – this is particularly useful when working in internet-restricted zones or sites, such as offshore platforms.
- ✓ Our 'Observations' feature allows the user to highlight issues directly to senior members of your team, ensuring full transparency and accountability.
- ✓ If you work for an organisation that has multiple assets, you can see the locations via Google Maps. Our colour-coding performance indicator system instantly allows you to identify your best performing assets and those that are struggling to meet your improvement level.
- ✓ Compare your assets anonymously against other assets in the system to see where you fit on a global standard.

Allow your Oil Refinery, Chemical Processing Plant, Offshore platform or any other type of industrial asset in your entire asset portfolio to quickly determine the quality of risk for risk types – such as fire, explosion, gas release, human system failure and process safety, enabling improved safety, risk reduction and insurance premium reduction.

IAMRisk helps you identify and measure the level of certain risk types:

- ✓ Fire
- ✓ Explosion
- ✓ Gas Release

Future modules to include:

- ✓ Human System Failure
- ✓ Process Safety
- ✓ Security
- ✓ Acts of God

Within your industrial assets.

IAMRisk utilises a custom set of questions per industrial asset type, such as;

- ✓ Oil Refinery
- ✓ Chemical Plant
- ✓ Onshore Terminal
- ✓ Offshore Gas Platform
- ✓ Oil Platform

Each question set is accompanied with the appropriate guidance to assist answering, and each answer is attributed a weighting. Upon completion of answering the applicable question set, a risk score for the asset is generated, showing you where your asset sits among other similar asset types within your organisation.

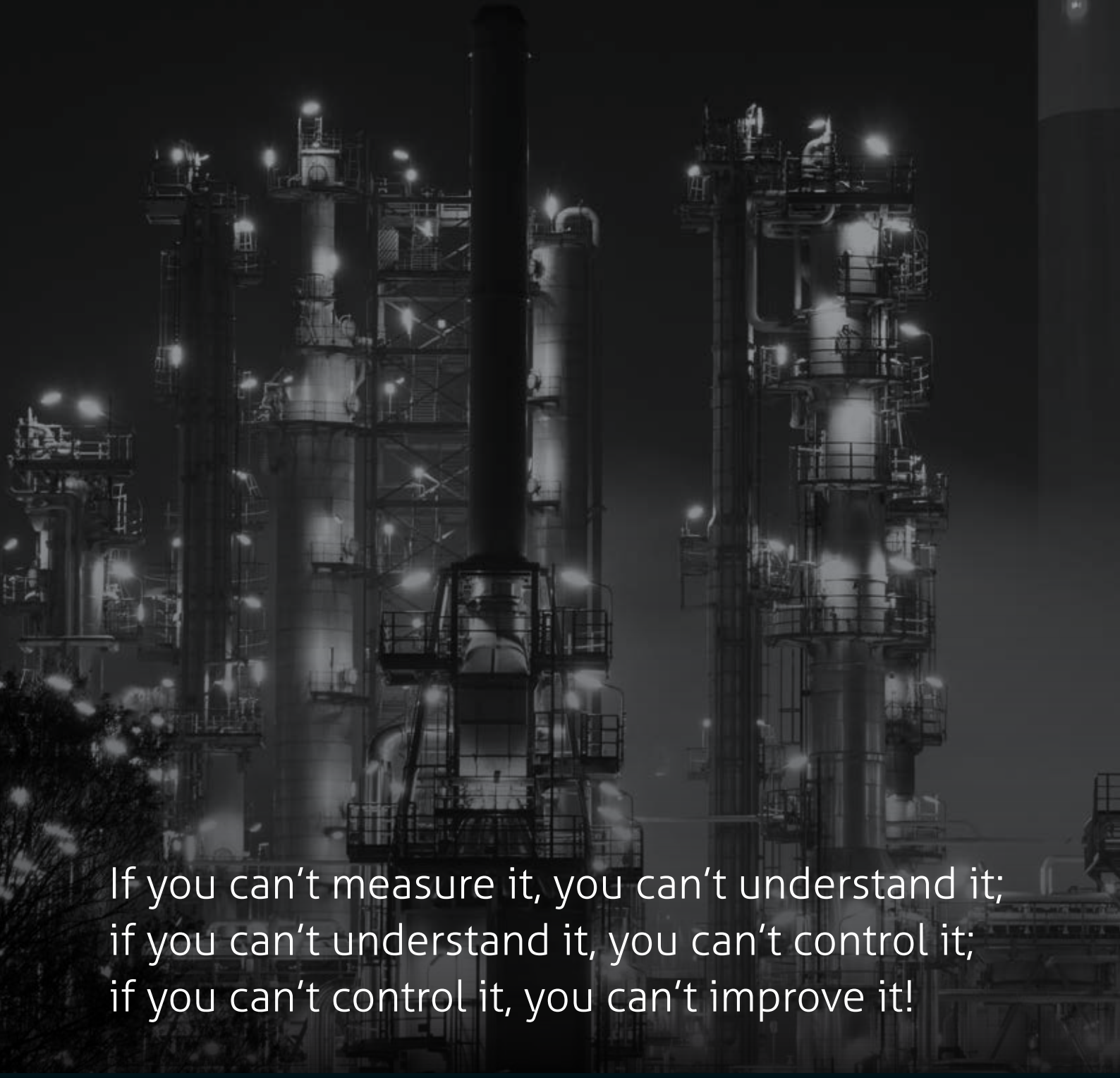
IAMRisk allows you to identify where money can be best spent on improvement and modification to your plant, processes and personnel via effective improvement management.

IAMTech then recommends that the Asset Owner utilises third-party risk consultancy to moderate the information captured in the survey and to score the risk reduction to be gained by performing the improvements captured during the survey.

Upon completion of the process, as a user of IAMRisk, you will be able produce a demonstrable risk reduction plan to drive your insurer to reduce your premiums AND have quantifiable data on improvement costs to assist in budget-planning asset improvements!

👍 Compatible with





If you can't measure it, you can't understand it;
if you can't understand it, you can't control it;
if you can't control it, you can't improve it!

To find out more about IAMRisk please
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