# DeRISK Industrial 5.0

Cyber Risk Quantification and
Management for ICS/OT Asset Owners

Don't just quantify industrial cyber risk. Manage it.

The world's only industrial cyber risk quantification and management platform that enables you to make continuously better, business-oriented cyber risk decisions.

About DeRISK

DeRISK by DeNexus sets a new standard in industrial cyber risk management. It's the only platform that contextualizes inside-out and outside-in cyber risk data with organization-specific industrial processes. As a result, it's the only solution that empowers executives to make reliably informed cyber risk management decisions and allocate cyber resources more effectively.
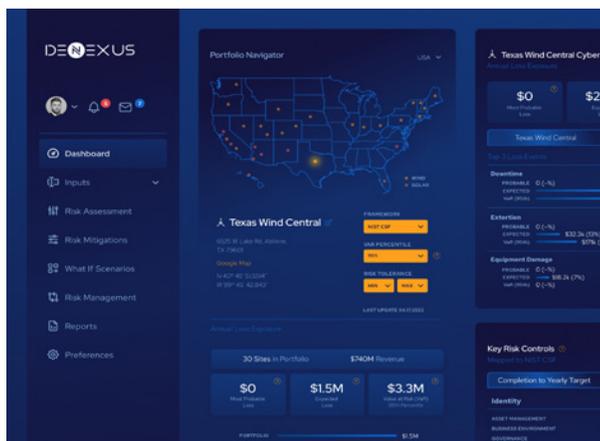
Your Benefits

Clear quantification of your industrial cyber risk exposure and the total financial impact of a loss event.

Access to the DeNexus Knowledge Center. A uniquely integrated set of data from external sources and your internal OT infrastructure.

A clear business case for investing in optimizing your risk exposure and insurance coverage, based on a more complete set of risk data.

A superior insight foundation for minimizing the risks of non-compliance and personal executive liability for future cyber-related loss events.

Dramatically more accurate calculation of the cyber risk insurance coverage you need.

A clear basis for comparing your exposure to and management of cyber risk to that of your competitors.

More accurate forecasting of direct and indirect cyber loss event impacts.

The ability to quantify the impact of your cyber risk management decisions on your risk tolerance and how that might change.
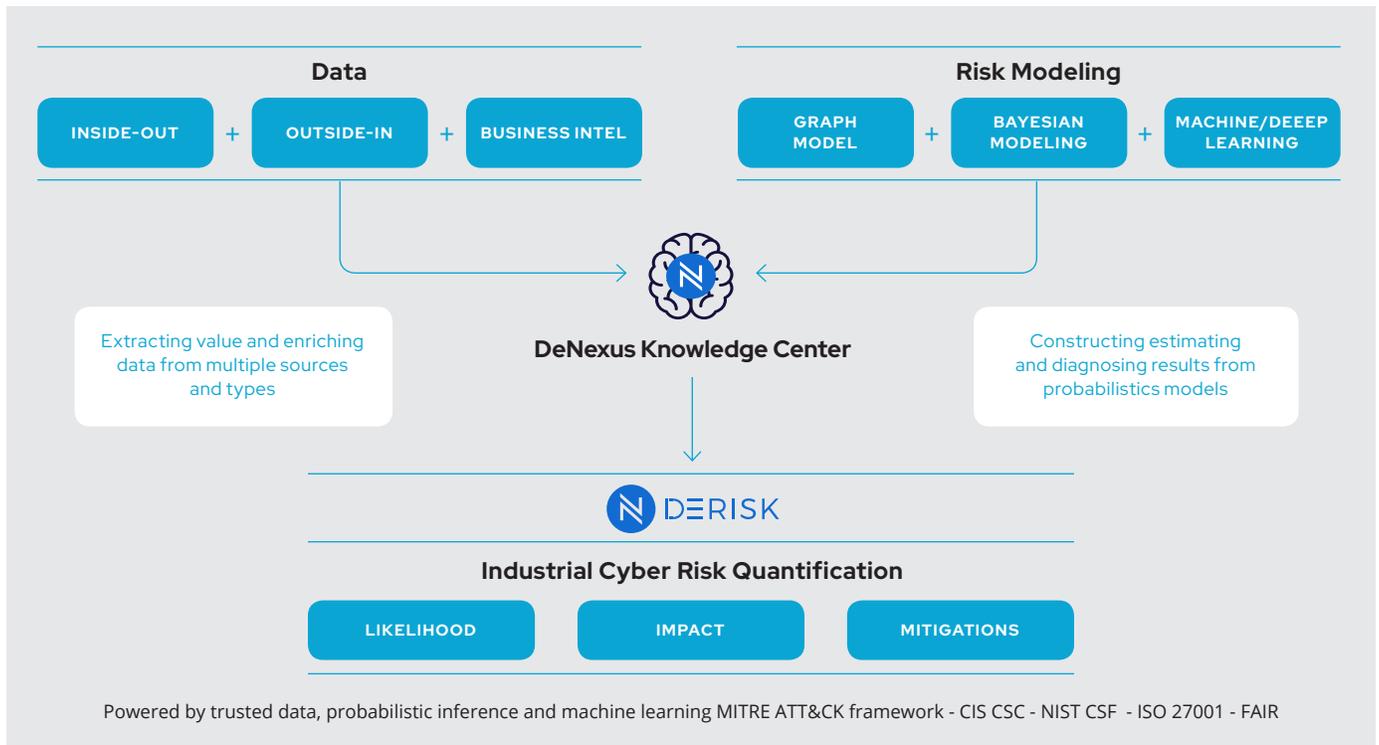
A significantly improved ability to decide whether to accept, mitigate or transfer specific cyber risks.

Intuitive user interface that makes it easy to extract actionable cyber risk insight.

How does DeRISK work?

DeRISK relies on a unique set of external and internal OT cyber risk data. Applying a unique combination of cutting-edge modeling techniques to this data delivers significantly more accurate quantification outcomes than heuristic FAIR-derived models can provide on their own. These financial risk outcomes are auditable, repeatable, and provide clarity about the total financial consequences of a loss event.

Data

| INSIDE-OUT | + | OUTSIDE-IN | + | BUSINESS INTEL |

Risk Modeling

| GRAPH MODEL | + | BAYESIAN MODELING | + | MACHINE/DEEEP LEARNING |

DeNexus Knowledge Center

Extracting value and enriching data from multiple sources and types

Constructing estimating and diagnosing results from probabilistics models

N DERISK

Industrial Cyber Risk Quantification

| LIKELIHOOD | IMPACT | MITIGATIONS |

Powered by trusted data, probabilistic inference and machine learning MITRE ATT&CK framework - CIS CSC - NIST CSF - ISO 27001 - FAIR

How does DeRISK compare to other industrial CRQ solutions?

DeRISK is the only industrial cyber risk quantification and management platform that:

- Utilizes a proprietary set of cyber risk data, combining external and internal OT infrastructure data sources.

- Combines expert knowledge and empirical data to inform industrial executives about risk access and business impact.

- Contextualizes cyber risk data with organization-specific industrial processes.

- Enables better quality industrial cyber risk management decisions with superior data and action recommendations.

- Continuously and automatically updates its data foundation to account for the rapidly evolving and increasingly cyber threat landscape.

- Makes cyber risk insight extraction simple with an elegant, easy-to-navigate user interface
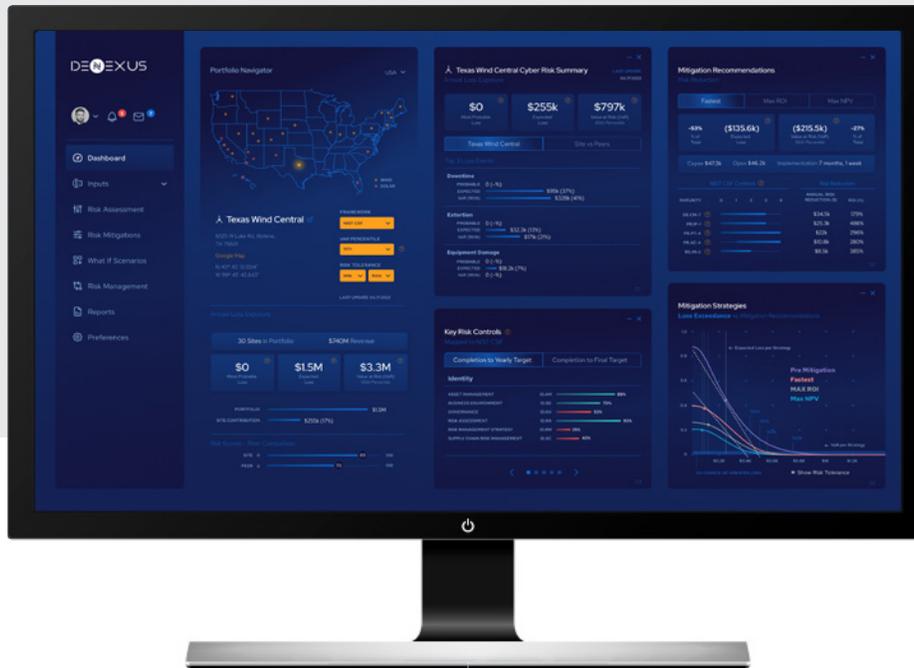
7 reasons NOW is the right time to invest in DeRISK

01

Rising threats: Cyber-attacks against industrial targets are increasing in complexity, frequency and have asymmetric unique impacts. You need to be properly prepared and continuously informed. Periodic reporting and decisions based on imprecise/incomplete data aren't enough.

02

Strategic Opportunities: Most organizations do not have/have insufficient specific cyber risk coverage. With better insight you can protect yourself quickly, optimally, and allocate cyber spend more intelligently.

03

Competitive advantage: An improved ability to actively and dynamically reduce cyber risk exposure to improve your position compared with competitors, especially in the event of an industry-wide loss event.

04

Increasing compliance obligations: Regulatory bodies and regulations are multiplying and becoming more onerous. The direct and indirect consequences of non-compliance are becoming more severe.

05

Rising cost of insurance: The cost of cyber risk insurance is doubling every year. Regularly assessing, monitoring, and adapting your coverage requirements is essential.

06

Unpredictable macro-event impacts: Global macro-events such as war, pandemics and extreme weather events are becoming more frequent. The impact on your cyber risk is real and needs to be understood.

07

Cost-saving: Optimizing cyber risk exposure and insurance coverage creates savings that help you manage an inflationary or otherwise negative economic climate.
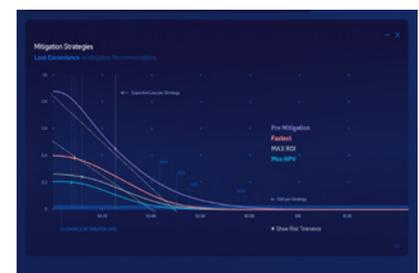
Customers & Partners

BlackRock

APEX CLEAN ENERGY

Naturgy

Vitol

idemitsu

GridSME SUBJECT MATTER EXPERTS

Clearway

eDF

SOLAR PACK

COSENTINO

Edify

SAMPOL

CYPRESS CREEK RENEWABLES

"With DeRisk, we understand our cybersecurity posture and can priorize risk reduction and mitigation actions based on actionable financial data"

Ken Young
COO at Apex Clean Energy

APEX CLEAN ENERGY

Your Next Steps

Sign up for a demo at https://www.denexus.io to know more!

Quantify Cyber Risk. Save Money.

We are DeNexus

DeNexus is the leading provider of cyber risk modeling for ICS/OT organizations and global (re)insurers. Our platform empowers the industrial enterprise and risk underwriters to identify exposures and quantify cyber risk using the world's first evidence-based data analytics software and services. The DeRISK Platform from DeNexus is the world's first self-adaptive, cloud-based platform that uses evidence-based data to predict where and how breaches are likely to occur, what their business impact will be and how to mitigate them. DeNexus is headquartered in Sausalito, California with engineering based in Madrid, Spain.

Fortune 500 companies rely on Denexus to understand their bespoke cybersecurity economics and optimize their risk reduction ROI. Leverage DeNexus to make asset, vulnerability, configuration, operational anomaly, supply chain and cyber intrusion data work for you.

DENEXUS

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SB-DeRISK Industrial-4.0 v2