



RISK SPECTRUM

RiskSpectrum®

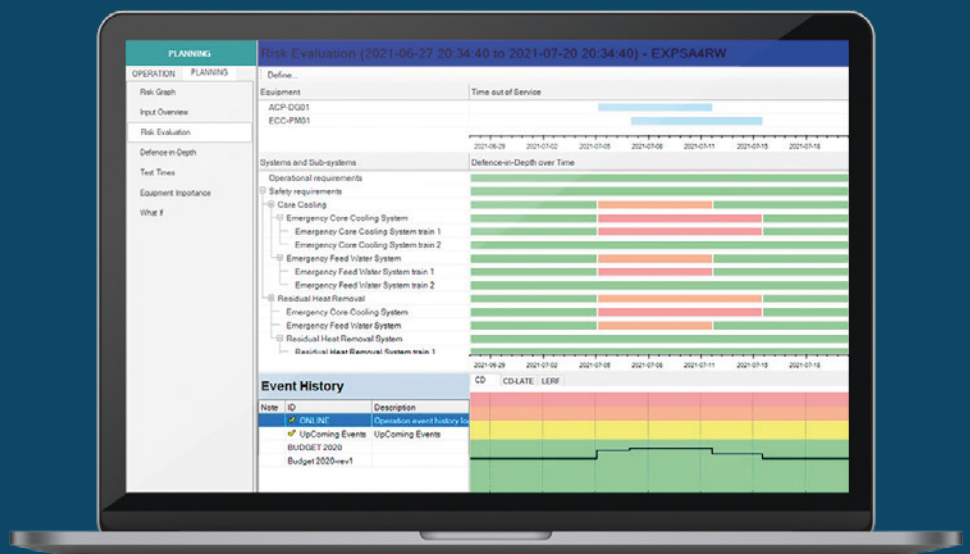
The RiskSpectrum® suite offers a complete software solution for modelling, quantifying and monitoring risk and reliability for operators in safety-critical industries to assure safety, reliability and prove regulatory compliance.

We are trusted by over 60% of the world's nuclear power plants to deliver effective safety risk management where it matters most.

Commitment in software development is the core of our vision. RiskSpectrum®'s overarching strategic goal is to provide RiskSpectrum® licensees with the next generation of software tools, ensuring that you have a sustainable solution for uninterrupted risk and reliability activities.

RiskSpectrum® is developed and maintained by a leading team of software developers, physicists and mathematicians. Our subject matter experts have many years of experience in risk, reliability and safety assessments. We understand our customer's needs and expectations and are committed to delivering the best-in-class technology, support and services, giving you the tools to enhance your operations and performance.

Operational Performance: Activated



RiskSpectrum® Benefits

RiskSpectrum® is a proven suite of software tools that enables operators and planners to precisely, and proactively calculate, visualise, monitor and manage risk. Users have instant access to projected and real time insights from RiskSpectrum® ensuring safe and efficient operations, providing peace of mind, and empowering you to run your business with confidence.



Proven record

Regulatory authorities require risk assessments to verify that your operations are safe and do not pose a public hazard. The RiskSpectrum® software suite is considered the industry standard for risk assessment in many countries.

With its long history of use, results are easy to verify and validate. It is also easy to communicate results from RiskSpectrum®, as most regulatory bodies are familiar with it and have validated its calculation algorithms.



Quality assurance

Quality assurance and documentation are essential factors when managing risk and performing reliability analyses. RiskSpectrum® makes tracing and logging any changes you make when updating your models simple and provides documentation to reflect new operations, new instructions, or new installations. This simplifies review and makes it possible for you to trace, track and review all changes and the impact they may have on your results and operations.



Appropriate level of risk

By providing a comprehensive understanding of safety, RiskSpectrum® enables you to identify ways to increase productivity without reducing your safety level, or, vice-versa, ways to improve your safety level without decreasing productivity, an essential component of maximising return from your operations.



Tools for risk-informed decision-making

Risk monitoring and risk follow-up are other important areas for informed decision-making, risk reporting and optimisation of operations. RiskSpectrum® can share data and incorporate different but consistent models producing both qualitative and quantitative results to support strategic risk-informed decision making.

An advanced, knowledge-driven approach to risk assessments

Results generated by one tool can be seamlessly transferred to another in order to finalise the analysis and carry out a complete risk assessment that is consistent, manageable and transparent.

The RiskSpectrum® suite is designed to fulfil these requirements.



RiskSpectrum® PSA



RiskSpectrum® ModelBuilder



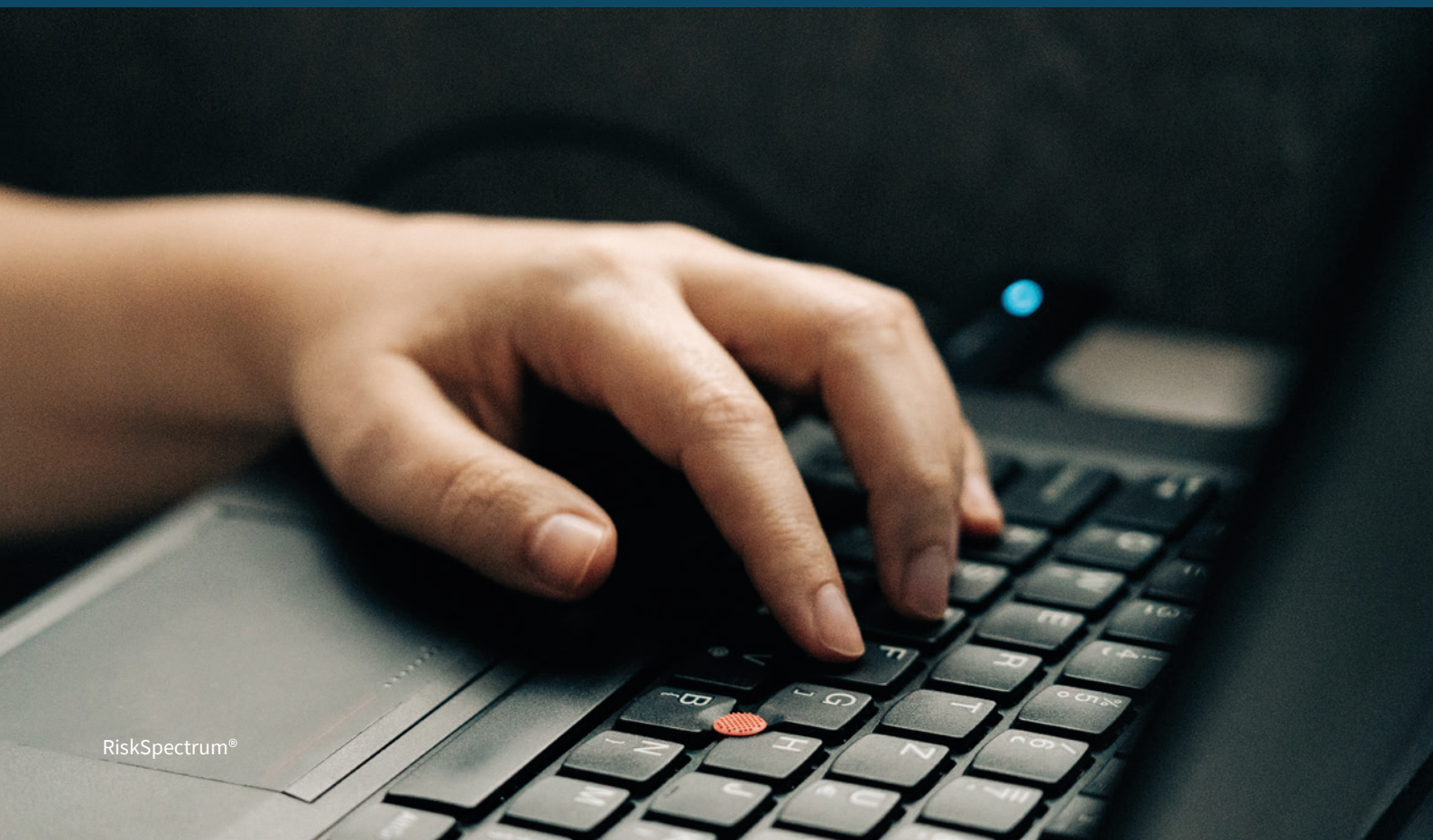
RiskSpectrum® HRA



RiskSpectrum® RiskWatcher



RiskSpectrum® SDP



Our Solutions for Advanced Risk Management



RiskSpectrum® PSA is the complete fault tree, linked event tree software for realising all parts of a PSA/PRA/QRA model in a single application. It is the software of choice for more than 60% of the world's nuclear power plants.



RiskSpectrum® RiskWatcher is used for monitoring online risk, simulating different scenarios and planning outages in nuclear power plants, as well as for evaluating risk exposure at offshore oil & gas installations. It is optimised to work with the PSA models created using RiskSpectrum® PSA.



RiskSpectrum® ModelBuilder is a software tool for building and maintaining risk-, reliability- and availability models. It enables design engineers and risk analysts to automatically generate fault trees from P&IDs and component diagrams by drawing on a single, central repository of asset properties. This brings new levels of efficiency, productivity and consistency to the risk assessment of complex, safety-critical systems.



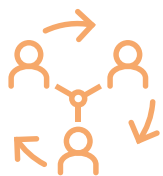
RiskSpectrum® SDP is a tool designed to support the Significance Determination Process as defined by the US Nuclear Regulatory Commission. The tool includes guidance and forms where findings and events can be reported and ranked regarding risk significance. It is linked to your PSA models and findings and events can be assessed using the full scope risk model in RiskSpectrum® PSA.



RiskSpectrum® HRA includes a number of commonly-used HRA methods, such as THERP, ASEP, HCR/ORE, SPAR-H and HEART. It facilitates the review of necessary HRA steps to generate Human Error Probabilities (HEPs) for the defined Human Failure Events (HFEs), while documenting important assumptions, conditions, input and results in the HRA process at the same time.



RiskSpectrum® Community



We regularly organise user-group meetings to establish a clear and expansive view of the risks your organisation, and the industry at large, face, and the tools required to address and manage them.

Our goal is to make our customers stronger and more resilient, and we do this through continuous, collaboration with our customers.



During these meetings, we host risk and reliability-related lectures given by industry leaders, listen to your ideas and showcase the exciting development roadmap of our solutions and how they are applicable to your operations.

Your feedback is essential to us and builds the basis of our future innovations.

RiskSpectrum® Training

The RiskSpectrum team organises training courses in RiskSpectrum® led by leading risk and reliability experts. We offer a range of training packages suitable for all, ranging from complete beginners to experts.

The RiskSpectrum online training spans from 3-5 days and includes 3-4 hours of presentations and short exercises each day. Participants are given tasks built around key learning outcomes to enhance their understanding. A tutor from the RiskSpectrum® team is available for questions and each participant can book a 20 minute private session to ask questions each day.

We also offer in person training with a duration of 4-5 days depending on the course in Stockholm, Sweden. Customised training courses, can be held at your offices or a location chosen by you.



Support services



Updates

Customers holding a maintenance & support agreement have free access to updates of the RiskSpectrum® application. Updates are normally supplied on an annual basis at no additional charge.



Hot line support

The maintenance & support agreement includes access to a support hotline via e-mail or telephone. Today, 99% of all RiskSpectrum® support is handled via e-mail, allowing us to offer rapid response times.



Discounts

Maintenance & support agreement holders can buy additional copies or upgrade to another program version at a significant discount.



www.riskspectrum.com

On the RiskSpectrum® product website you can find information about the software and its development. Maintenance & support agreement holders also have access to the password-protected area of the site, which provides information about known problems and downloads.

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Get in touch!

Please visit www.riskspectrum.com
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