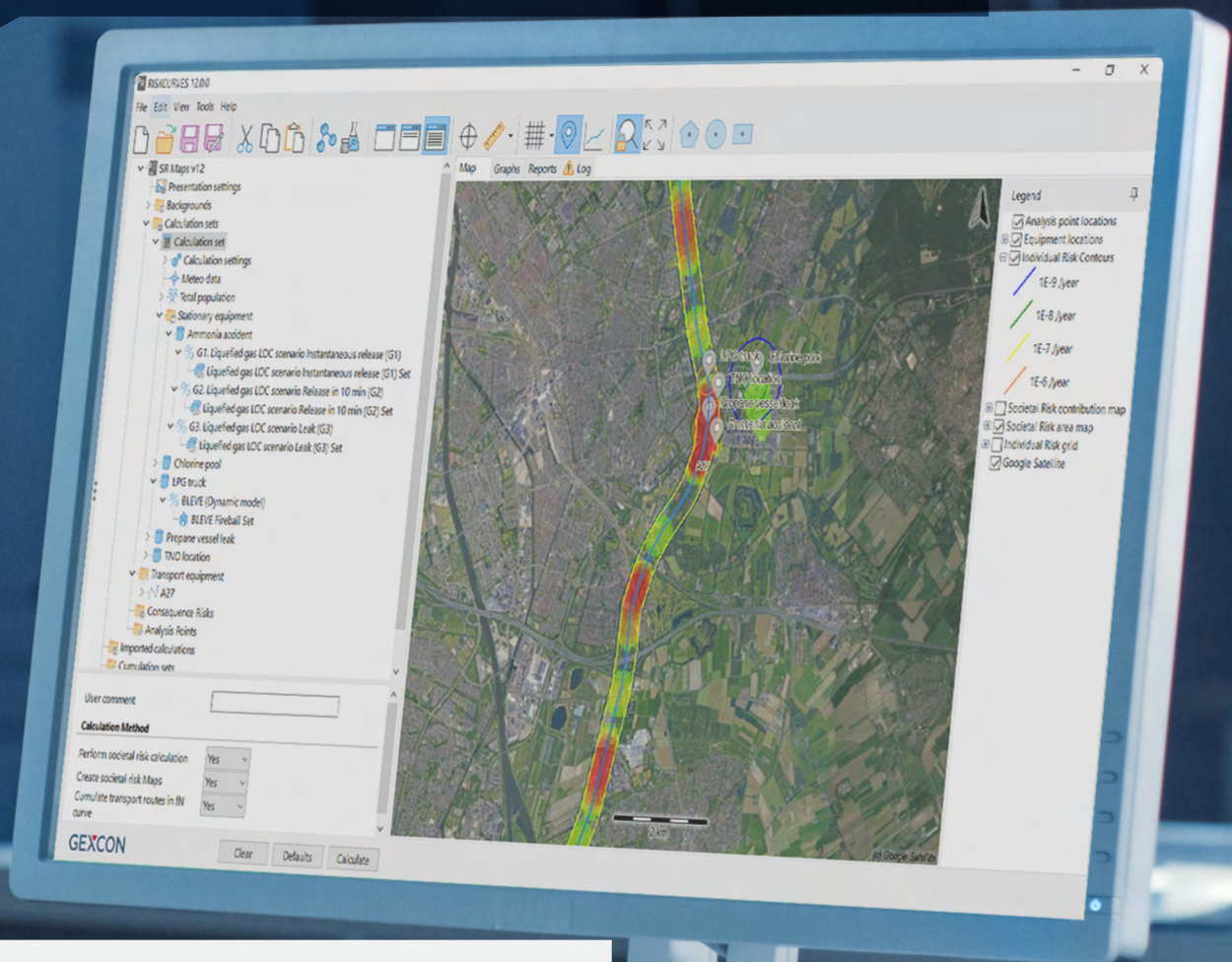


RISKCURVES

Comprehensive Quantitative Risk Analysis



Software that
streamlines
safety analysis

RISKCURVES: Comprehensive Quantitative Risk Analysis

RISKCURVES is an advanced software tool to perform Quantitative Risk Analysis (QRA) to assess the total risk of storing, handling, and transporting dangerous substances in process, chemical and petrochemical facilities. The results can be used for evaluation of high-risk activities, urban planning and to comply with regulatory and corporate criteria.

Comprehensive result presentations

RISKCURVES presents calculation results in a range of ways, from the physical effects of the individual scenarios, to the resulting iso-risk curves, FN curves for societal risks and risk ranking reports.

The software's highly flexible method allows you to accumulate any part of the calculation results and compare it to any other part. To further analyse the results, RISKCURVES offers 'analysis points' to inspect risk contribution of scenarios in specific geographic locations.

A complete and open QRA suite

Although consequence modelling based on EFFECTS models is fully integrated, RISKCURVES allows you to use consequence results calculated by other consequence analysis software available in the market, offering an open and flexible QRA environment.

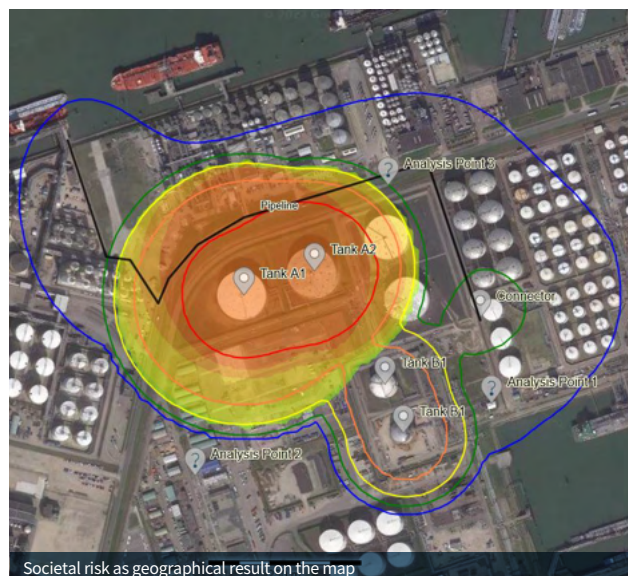
RISKCURVES comes with an extensive database of over 2200 chemical components based on the latest DIPPR® data. What's more, it allows you to define customised chemicals and mixtures, specific to your own organisation.

Societal risk maps

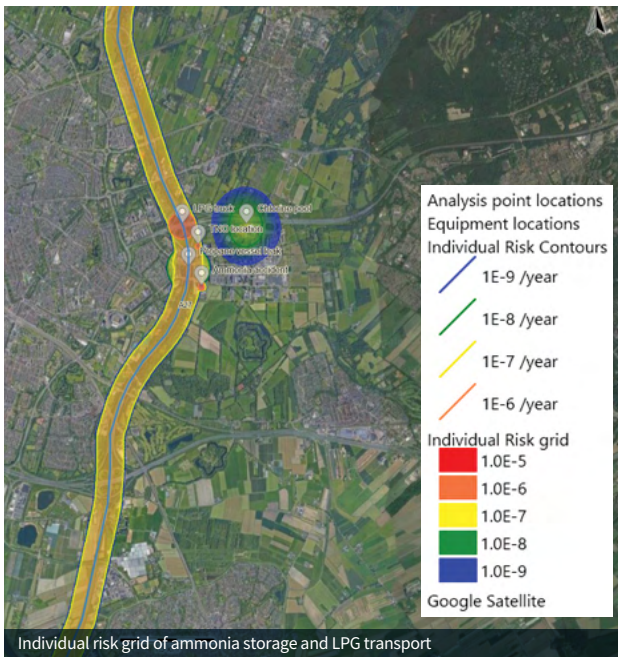
One of RISKCURVES' unique functionalities is the 'societal risk map': a geographical representation of societal risk. This provides insight at a glance, even for non-specialists.

Societal risk maps are offered as an additional representation, and accompany the commonly known FN curves.

They add the possibility to locate the area(s) that cause societal risk parameters to be exceeded, and to identify the areas that contribute most to risk.



Societal risk as geographical result on the map



Easy to use and share

RISKCURVES is designed to have a short learning curve and be configurable for both experts and occasional users. Its modern and intuitive interface allows users to quickly determine the risk of accidental releases.

Results in RISKCURVES are presented in graphs, reports, tables, and integrated GIS environments.

Use your own maps, and drawings, or online satellite data from various sources. Seamless integration with Microsoft Office™, Google Earth® and dedicated GIS software, so you can quickly create professional presentations.

Reliable results

RISKCURVES was originally developed based on the Coloured Books and has been continuously expanded and improved since then for more than 35 years to ensure it is kept up to date with the most recent research and scientific data.

The software is also extensively validated for new energy carriers applications, including hydrogen jet fires, gas fireballs, and rising buoyant plumes.

Experience you can trust

Gexcon is a world-leading company in the field of safety and risk management and advanced dispersion, explosion and fire modelling.

Gexcon's detailed knowledge of these phenomena is built up throughout the years by performing extensive research projects, accident investigations and validating their models with physical experiments.

This ensures that the company has the expertise in developing safety tools you can trust for your safety needs. With RISKCURVES, you can ensure complete, accurate and effective risk analysis.

Cost-effective with flexible licensing options

RISKCURVES offers a variety of flexible licensing options to suit your specific situation best.

This includes cloud licensing which allows for the flexibility of a network license without the need for setting up your own license server.

The pricing allows you to use professional software regardless of if you are a large multinational company or a small engineering firm.



Want to know more?

Download a free viewing demo
version of RISKCURVES at
**[gexcon.com/
RISKCURVES](http://gexcon.com/RISKCURVES)**

For more information and product enquiries:

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