Assess and prioritize component risks and target investment in your generation assets with our easy-to-use PT-Risk™ software, a flexible and effective way to track asset status, risks and mitigation measures.

Our solution

Developed in close collaboration with our clients, Uniper’s PT-Risk™ software provides the tools to enable you to compile a comprehensive risk database for asset risk management within power plants of all types. You can share the data across your generation portfolio to achieve the most efficient and cost-effective mitigation strategies.

Using a straightforward interface, PT-Risk™ provides a consistent and structured approach to identifying, ranking and acting on the risks and opportunities facing your generation assets.

Clear screen guides help you to score component risks based upon frequency and their impact in terms of factors including safety, environmental protection, regulation, cost and reputation. Investment opportunities can be evaluated using detailed financial analysis tools. Access is secure and can be customized to each user.

Benefits

- **Assess individual risks** based on probability and impact on your business.
- **Independently score and assess** various risk types before and after mitigating actions.
- **Evaluate task components** using straightforward screen guides.
- **Try ‘what if’ scenarios** and quickly see the optimum choice.
- **Associate risks to assets** at different levels through a user-generated asset tree structure.
- **Evaluate investment opportunities** to aid financial decision making.
- **Attach important documents** such as inspection records or maintenance plans.
- **Utilize powerful data analysis** and extensive reporting capability.
- **Understand and communicate quickly** with clear graphics.
- **Easily and securely export reports** to other applications, such as Word and Excel.
**References**

<table>
<thead>
<tr>
<th>Project</th>
<th>Scope of work</th>
<th>Location</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>Implement company-wide, across all generation technologies, a comprehensive asset risk assessment process and underpinning software platform.</td>
<td>Roll-out PT-Risk™ across the business and include all generation assets: gas, hydro, coal, nuclear etc. Create access for hundreds of site-based users as well as central asset risk function.</td>
<td>Western Europe and Russia</td>
<td>38 GW</td>
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<tr>
<td>Implement PT-Risk™ across all renewable generation asset</td>
<td>Creation of separate PT-Risk™ instance to ensure full data separation and security from other customers. Setting up user accounts and asset structure. Specific feature implementation to facilitate easy management of a large number of similar assets (e.g. wind turbines).</td>
<td>Western Europe and the US</td>
<td>5 GW</td>
</tr>
<tr>
<td>Implement PT-Risk™ across a fleet of CHP assets.</td>
<td>Creation of a PT-Risk™ instance specifically for this customer including user accounts and asset structure.</td>
<td>UK</td>
<td>300 MW</td>
</tr>
<tr>
<td>Implement PT-Risk™ across a fleet of CHP assets.</td>
<td>Creation of a PT-Risk™ instance specifically for this customer including user accounts and asset structure.</td>
<td>Sweden</td>
<td>&gt;200 MW</td>
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