The CORAS Rationale

- Model-based risk assessment employs modelling technology for three main purposes: •To describe the target of assessment at the right level of
- abstraction

As a medium for communication and interaction between different groups of stakeholders involved in risk assessment -To document risk assessment results and the assumptions on which these results depend



Model-based risk assessmen Ĵ methodo logy Ĵ Platform for tool-inclusion based on data integration

The CORAS Framework

Risk

The risk management process provides the core for the CORAS process from a traditional risk analysis background. Combined with the risk documentation framework this provides the basis for the development of the integrated risk management and development process. The fourth anchor point represents the CORAS platform, which is a tool that is interoperable with different other tools from both the risk analysis field and the modelling world, providing a modelbased risk assessment product that can be used on either existing systems or systems under development.

Risk

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Integrated manager and developr

The risk management process The risk management process in CORAS is based on the AS/NZS:4360 standard. This standard divides the process into the five sub-processes mentioned in the figure.





Risk Assessment of Security Critical Systems

Values for consequence and likelihood are assigned for each unwanted incident This is done by medical experts and technical developers and in accordance with definitions they have made.

Please contact us



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