



Risk Management

Overview

Efficient Risk Management with OMNITRACKER Risk Management

- Tool to cover the entire processing from recording risks, analysing and assessing them up to planning and controlling measures to be taken
- Workflow-based process control
- Generic information model, easily adaptable and extensible
- Involving external stakeholders via web interface
- Transparency about the current state respectively the progress for all stakeholders
- Rule-based notification about state transition, new risks, etc.
- Periodic or event-driven reporting
- Personalised filter functions
- Freely definable risk-category tree
- Compliant with major OGC PRINCE2 requirements

- Recording and identifying all existing risks of an company
- Risks are categorised and prioritised in OMNITRACKER
- The display of risks in a risk map provides the management to focus on top risks
- Risks are workflow-based administrated and monitored in OMNITRACKER
- After analysing and assessing risks the responsibilities, strategies for handling and measure plans are defined as well as the realisation of the initiated measures are monitored

General

- Risk management and control system
- Easy initiation, fast ROI
- Information model easy extensible and adaptable
- Extensible category tree
- Grouping and structuring of risks by means of risk category tree
- Expanding of the control process possible dependent on risk category, e.g.
 - Escalations, reminders
 - Systematic routing to the right authority
 - Default values depending on the risk category
- The powerful OMNITRACKER data structures support the connection of risks, measures, affected persons and their visualisation across abstraction levels

- Transparency through connection of risks with business objects of further business processes (e.g. ITIL Management)
- Control of carrying out measures (traceability) by powerful filter and search mechanism
- Automated creation of documentation with report function for risks, measures packs and particular measures
- Documentation and tracking of all actions between process members (risk responsible, risk manager, measure responsible, stakeholder, etc.)

Process control

- Role based authorisation concept
- Workflow based process control of risks and measures
- Workflow dependent escalations

Miscellaneous

- Web portal for external access (e.g partner portal)
- Integration of further OMNITRACKER solutions

Overview risk catalogue and risk areas:

- External risks: e.g. economic, social,...
- Internal risks: e.g. strategic, functional, financial

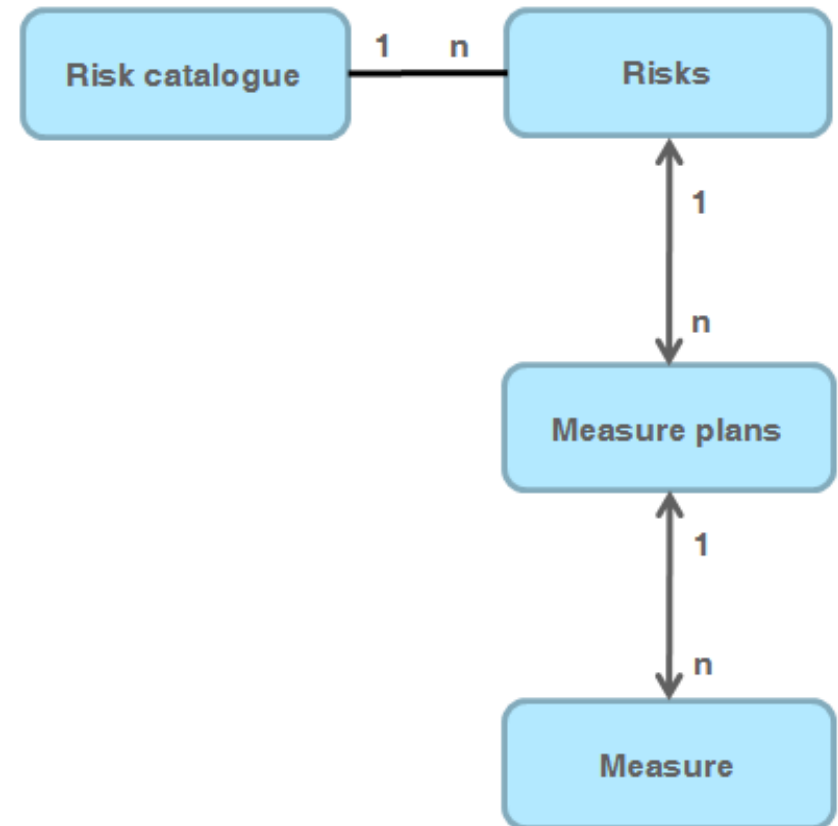
External Risks			Internal Risks		
Economic	Social	Environment	Strategic	Functional	Financial
<ul style="list-style-type: none"> ▪ Supply ▪ Production resource ▪ Maintenance ▪ Quality ▪ ... 	<ul style="list-style-type: none"> ▪ Politics ▪ Human resource ▪ Infrastructure ▪ ... 	<ul style="list-style-type: none"> ▪ Natural disaster ▪ Weather ▪ Water ▪ ... 	<ul style="list-style-type: none"> ▪ Product range ▪ IT-Strategy ▪ ... 	<ul style="list-style-type: none"> ▪ Processes ▪ Technologies ▪ Compliance ▪ Human Capital ▪ Management Information ▪ ... 	<ul style="list-style-type: none"> ▪ Exchange rates ▪ Liquidity ▪ Financing ▪ ...

Risk catalogue:

- external / internal; functional, strategic etc.
- Processes, data security, ...

Risks:

- Describes the unexpected deviation from targets or consequences of requirements which are not fulfilled
- Run through a life cycle

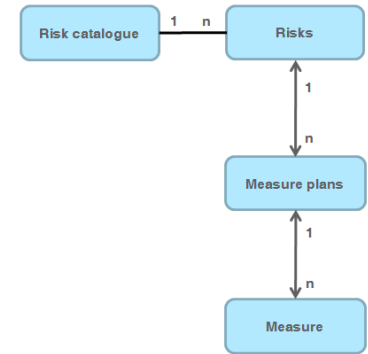


Measure plans:

- Define the strategy of the risk handling (accept, reduce, avoid, transfer)
- Bundle of actions which belong logically together
- Several measures to be taken for implementation of the strategy

Measures:

- Define specific actions, which are determined to reduce or to avoid the risk
- contain a "time plan", i.e. unique or repeatedly procedure of measures, which is monitored automatically
- History of actions a company takes within Risk Management



Risk Management User:

- All persons of company, who are allowed to record risks
- After a risk is recorded, it is sent to the user group "Risk Manager"

Risk Manager:

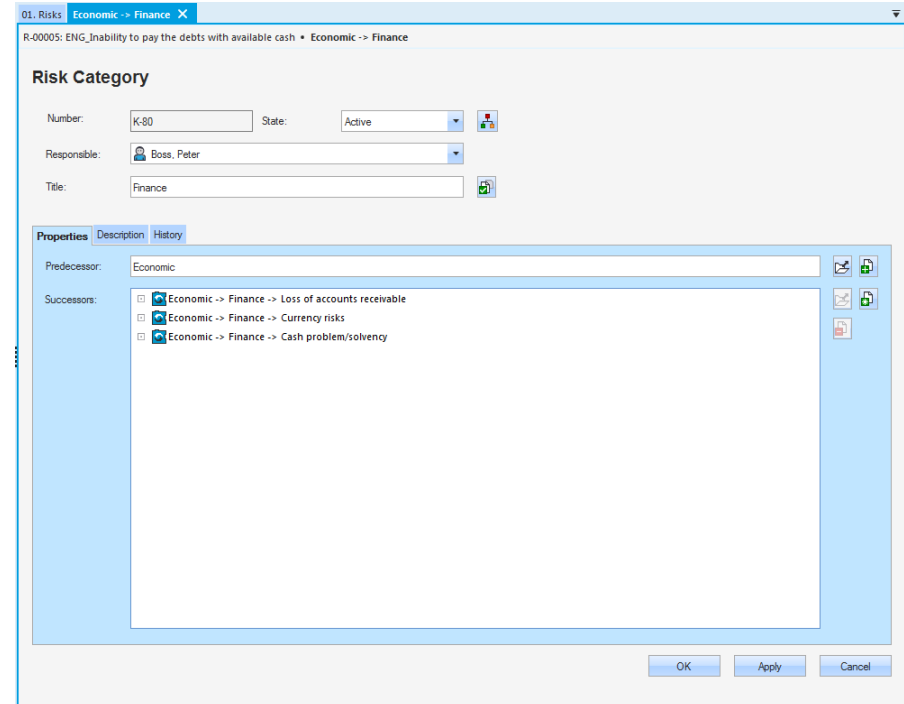
- Group members are responsible for the risk identification
 - Responsible for accepting or rejecting a recorded, potential risk
 - Accepted risks are delegated to a specific member of the user group "Risk Responsibles"

Risk Responsibles:

- Responsible for a risk, to assess and to analyse the risk as well as to define suitable measures
- Monitoring that the defined measures are taken and implemented

Risk catalogue:

- Creating new risk catalogue items with predecessor and successor relationship
- Modelled as category tree:
 - Extensible
 - Adaptable
- The risk catalogue is administrated by the risk manager



The screenshot shows a software window titled "01. Risks" with a sub-tab "Economic -> Finance". The main title bar reads "R-00005: ENG_Inability to pay the debts with available cash • Economic -> Finance".

Risk Category

Number: K-80 State: Active

Responsible: Boss, Peter

Title: Finance

Properties | Description | History

Predecessor: Economic

Successors:

- Economic -> Finance -> Loss of accounts receivable
- Economic -> Finance -> Currency risks
- Economic -> Finance -> Cash problem/solvency

Buttons: OK, Apply, Cancel

Creation:

- Recording of a potential risk

Identification:

- Qualitative evaluation, identification of problem fields and person responsible for processing the risk

Assessment:

- Qualitative and quantitative risk assessment

Analysis:

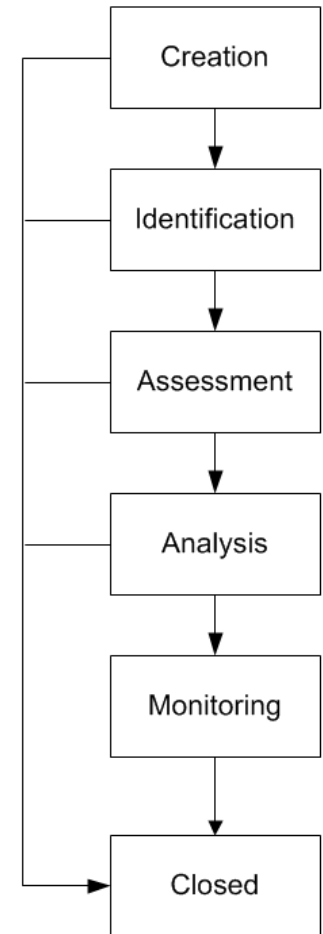
- Analysis of reasons and evaluation of potential loss
- Contingency plans, measure plans

Monitoring:

- Carry out measures
- Audits
- Continuous monitoring of realization of measures


Closed:


- Risk does not exist anymore




01. Risks **New Risk** X


Risk

Number: State: 

Responsible: 

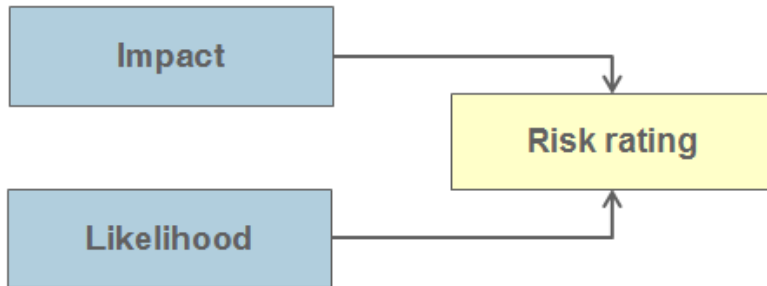
Title: * 

* **Description** Attachments (0)

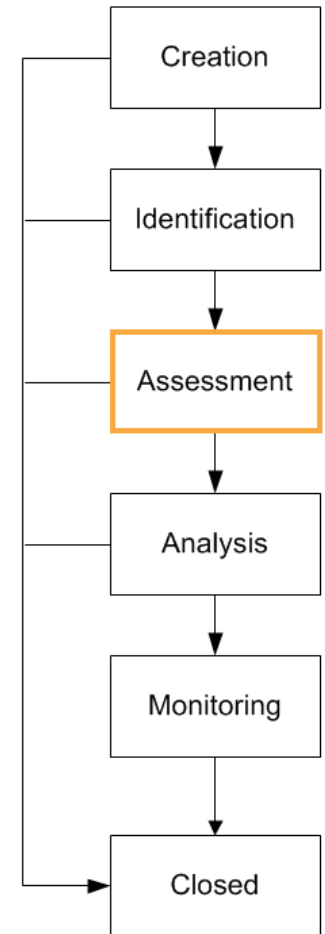
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Risk assessment:

- Modelling the likelihood of an risk
- Impact of the risk
- Risk matrix to specify the risk on the basis of likelihood and impact

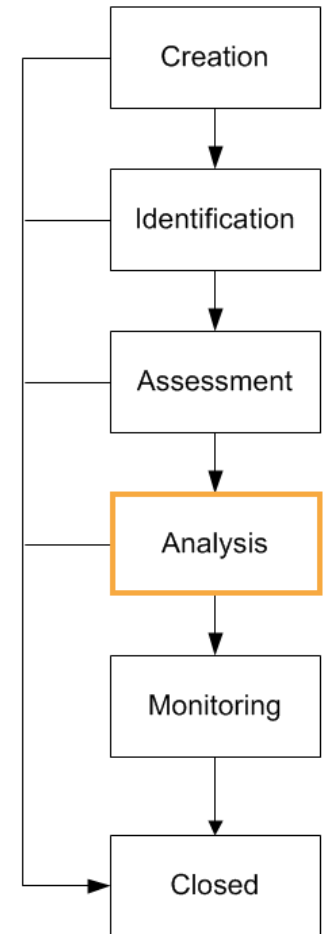


Risk assessment on basis of impact and likelihood



Measure plans:

- Contains minimum one measure
- Measure plan defines the risk strategy:
 - Accept
 - Reduce
 - Avoid
 - Transfer



Measures – Workflow:

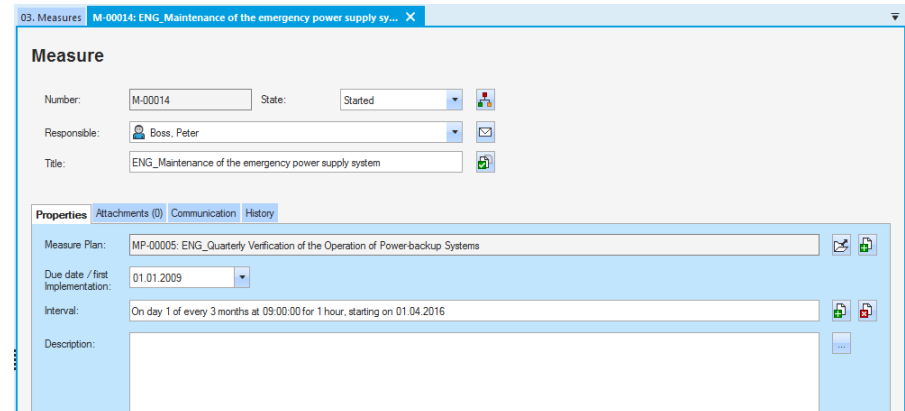
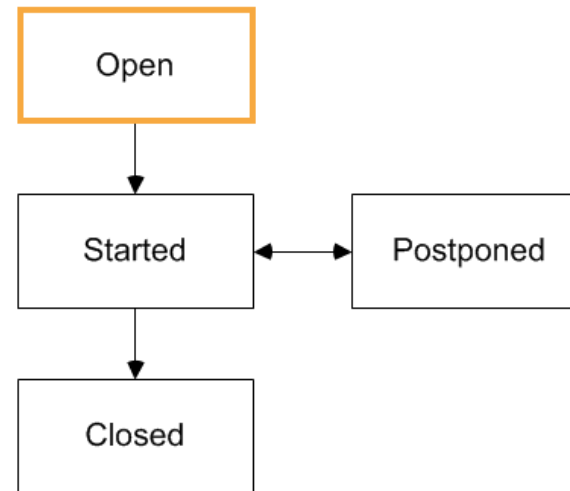
- Open
- Started
- Postponed
- Closed

Workflow state "Open":

- A measure is created
- A measure is assigned to a measure plan.

Activities

- Define due date
- Interval to carry out the measure regularly
- Assign an responsible for the measure



03. Measures: M-00014: ENG_Maintenance of the emergency power supply sy... X

Measure

Number: M-00014 State: Started

Responsible: Boss, Peter

Title: ENG_Maintenance of the emergency power supply system

Properties Attachments (0) Communication History

Measure Plan: MP-00005: ENG_Quarterly Verification of the Operation of Power-backup Systems

Due date / first implementation: 01.01.2009

Interval: On day 1 of every 3 months at 09:00:00 for 1 hour, starting on 01.04.2016

Description:

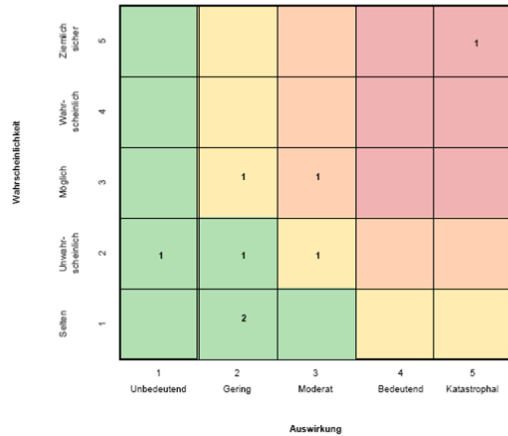
The following emails are generated during the lifecycle of risks:

- After sending the risk the user responsible receives an email.
- After re-assigning responsibility the user responsible receives an email.

Creation of necessary documents:

- Automatically creation of documents in different file-formats (e.g. MS Word, PDF, RTF, MS Excel, XML)
- Risk and measure state:
 - Grouping by category
 - Risks inclusive relevant attributes
 - Filtering and sorting by state, risk-level, etc.
- Creation
 - On demand
 - Time-triggered
 - Event-triggered
- Creation of user defined reports
 - Easy and flexible adaption of existing reports

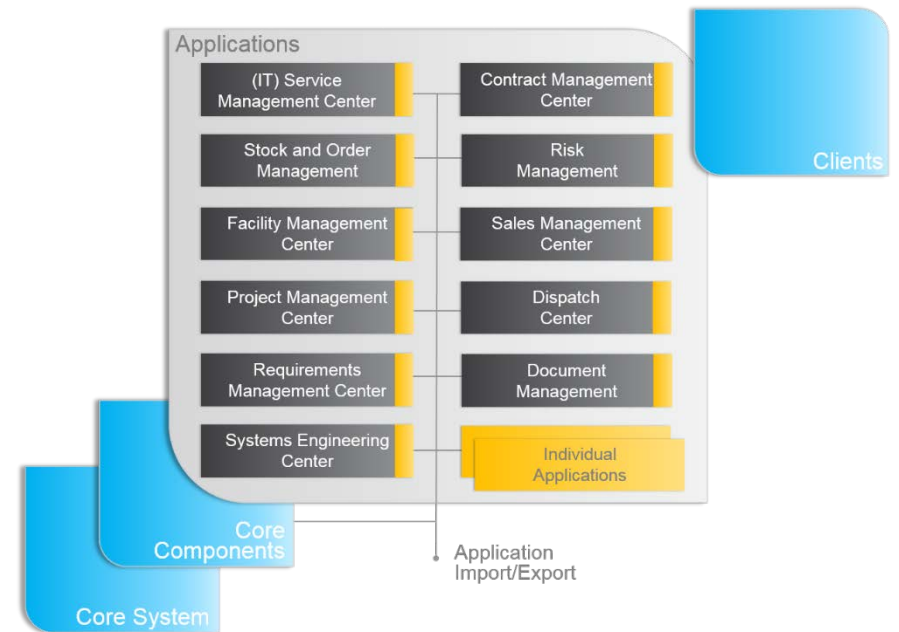
Risikolandkarte



Risk Overview of all Risks (incl. unrated Risks)

Number	Title	Impact	Likelihood	Risk-Rating	Responsible	State
R-00007	GER_Forderungsausfälle	Moderat	Selten	4 - Niedrig	superuser	Überwachung
R-00006	ENG_Loss of accounts receivable	Moderat	Selten	4 - Niedrig	superuser	Überwachung
R-00005	ENG_Inability to pay the debts with available cash	Moderat	Selten	4 - Niedrig	superuser	Identifikation
R-00004	ENG_Ausstehende Zahlungen können nicht beglichen werden	Moderat	Selten	4 - Niedrig	superuser	Identifikation
R-00011	ENG_Loss of market share and turnover through competitors	Moderat	Unwahrscheinlich	3 - Normal	superuser	Analyse
R-00010	GER_Verlust von Marktanteilen und Umsatz durch Wettbewerber	Moderat	Unwahrscheinlich	3 - Normal	superuser	Analyse
R-00024	SWEntwicklung im Projekt - Mehrere internationale Entw. Teams involviert	Moderat	Ziemlich sicher	2 - Hoch	superuser	Analyse
R-00009	GER_Explosion oder Feuer in der Region	Bedeutend	Unwahrscheinlich	2 - Hoch	superuser	Erfassung
R-00008	ENG_Explosion or fire in the region	Bedeutend	Unwahrscheinlich	2 - Hoch	Risk Manager	Identifikation
R-00028	Rechtzeitige Verfügbarkeit der Applikationssoftware	Bedeutend	Möglich	1 - Sehr Hoch	Risk Manager	Identifikation
R-00013	ENG_Outage of the Data Processing Center	Katastrophal	Möglich	1 - Sehr Hoch	superuser	Überwachung
R-00012	GER_Ausfall des Rechenzentrums (Gesamtheit der IT Systeme)	Katastrophal	Möglich	1 - Sehr Hoch	superuser	Überwachung
R-00027	ENG_Outage of the Data Processing Center				BossPeter	Erfassung

- OMNITRACKER Risk Management can be integrated in current OMNITRACKER installations
- Integration further OMNITRACKER solutions e.g. OMNITRACKER Project Management Center or OMNITRACKER Document Management



Questions?



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