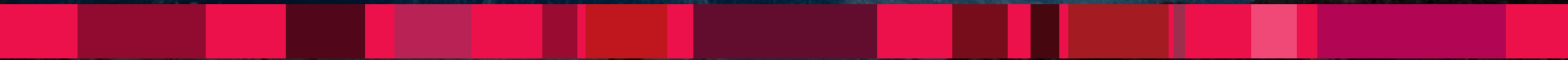




INFINITY
BUSINESS SOLUTIONS

Risk ALERT





riskALERT

Instrument pentru Management-ul Riscurilor, creat pentru gestionarea proactiva a riscurilor in cadrul unui proiect, program sau portofoliu.



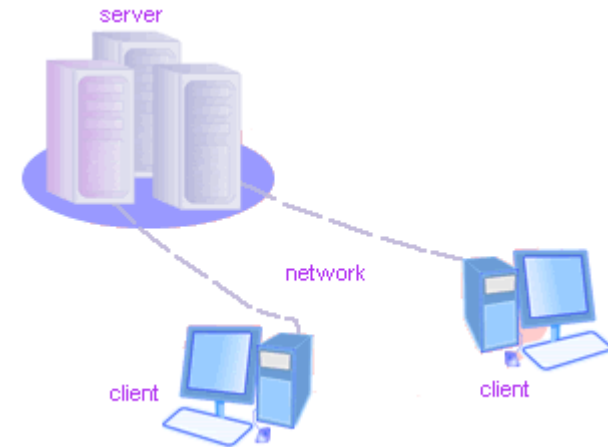
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Risk Alert - DEFINITIE

Client – Server, user-i multipli

Functionalitati:

- Crearea de sabloane de Risc
- Crearea si intretinerea Registrelor de Risc pentru Portofoliu de Proiecte
- Realizarea Analizei de Risc Calitativa – prioritizarea riscurilor prin evaluarea Probabilitatii de aparitie & a Impactului asupra obiectivelor
- Realizarea Analizei de Risc Cantitativa – cuantificarea numerica a impactului riscurilor si asocierea acestora la structura WBS
- Trimiterea Alertelor – Email-uri catre toti cei implicati (Manager de Proiect , Manager de Risc, Responsabil de Risc)



Sabloane de Risc – Scoring-ul Riscurilor

Template-uri de risc pot fi create pentru toate tipuri de investitii / proiecte.

Scoring –ul
Riscului

Sablon
Drumuri si
Conducte

Matrice
Probabilitate
si Impact

Probability Scale

Probability	Score
VL% <= 10	
L% > 10	
M% > 30	
H% > 50	
VH% > 70	

Tolerance Scale

Score	Color
L <= 5	Green
M > 5	Yellow
H > 23	Red

Impact Types

Impact Types	Score	Very Low	Low	Medium	High	VeryHigh
Schedule	<input checked="" type="checkbox"/>	<=5	>5	>10	>20	>40
Cost	<input checked="" type="checkbox"/>	<=30000	>30000	>50000	>70000	>100000
Safety	<input checked="" type="checkbox"/>	Failure to meet	Failure to r	Shortfall in n	Significant	Failure to meet

Probability and impact scoring

Risk score is based on: Highest Impact Average of Impacts Average of Individual Impact Scores

	VL	L	M	H	VH
VH%	6	12	18	36	72
H%	4	7	14	28	56
M%	3	5	10	20	40
L%	2	3	6	12	24
VL%	1	1	2	4	8

Sabloane de Risc

Bazat pe Matricea Probabilitate – Impact realizata in Scoring-ul Riscului, scorurile de pre / post mitigare sunt evaluate pentru fiecare risc din registru.

Template Pre-Mitigare

General Info Risk Scoring Risk Register

RiskId	RiskType	RiskName	PreMitigation Probability	PreMitigation Schedule	PreMitigation Cost	PreMitigation Safety	PreMitigation Score
001	Threat	Supplier Delay	M	H	M	VH	40
002	Threat	Unpredicted Works	H	VH	H	VH	56
003	Threat	Bad Engineering	L	H	H	M	12
004	Threat	Authorisations and Permits Delay	M	H	L	VH	40
005	Threat	Weather	L	H	L	N	12
006	Threat	Project Team incomplete	H	H	H	L	28

Template Post-Mitigare

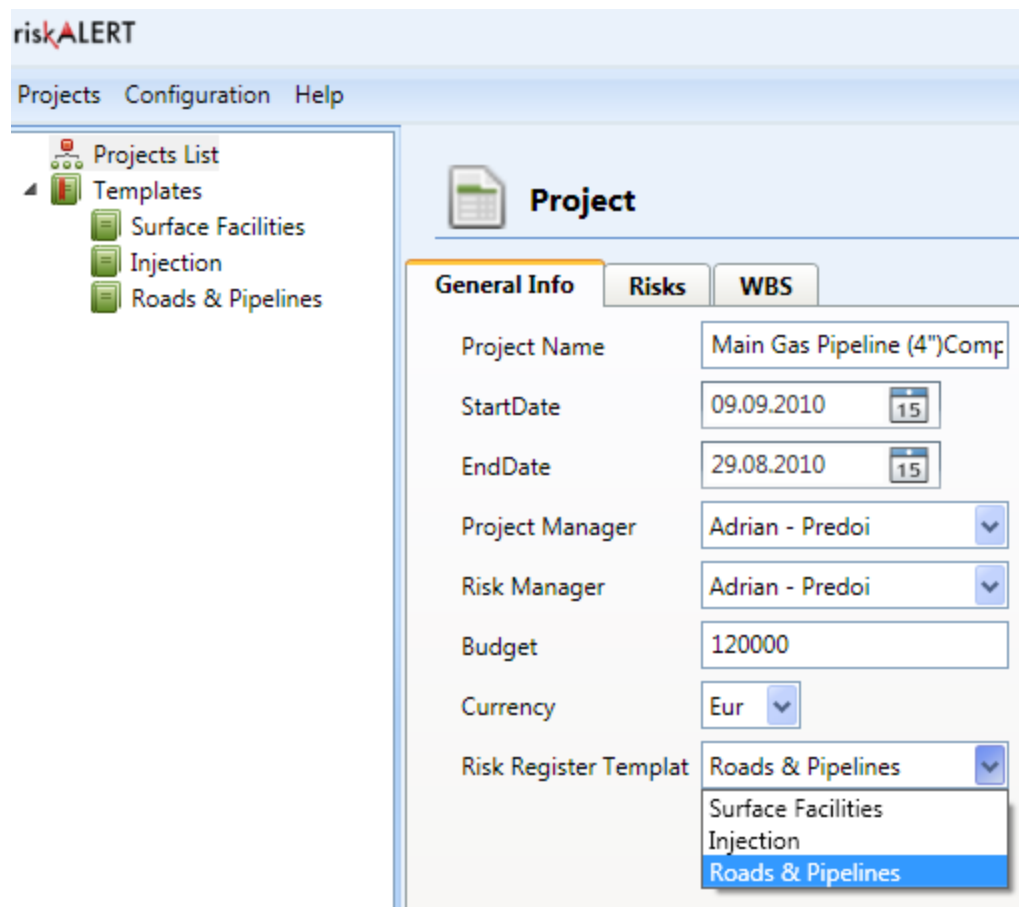
General Info Risk Scoring Risk Register

Response Type	ResponseName	ResponseCost	PostMitigation Probability	PostMitigation Schedule	PostMitigation Cost	PostMitigation Safety	PostMitigation Score
Avoid	New Supplier	4000	M	L	L	M	0
Reduce		4500	M	L	H	L	20
Accept	Qualified Personnel	1000	L	H	H	M	12
Reduce	More pressure on state authorities	1000	M	M	L	L	10
Accept		0	L	H	L	N	12
Reduce	Better allocation of resources	0	L	M	H	L	12

Asocierea Sablonului de Risc la Proiecte

Alegerea sablonul va importa toate riscurile in registru de risc al proiectului.

Sablonul va fi baza de la care se va porni, urmand ca pe parcursul desfasurarii ciclului de viata al proiectului alte riscuri sa fie adaugate.



The screenshot displays the 'riskALERT' application window. The title bar reads 'riskALERT'. Below it is a menu bar with 'Projects', 'Configuration', and 'Help'. On the left is a tree view with 'Projects List' expanded, showing 'Templates' with sub-items: 'Surface Facilities', 'Injection', and 'Roads & Pipelines'. The main area is titled 'Project' and has three tabs: 'General Info', 'Risks', and 'WBS'. The 'General Info' tab is active, showing the following fields:

Field	Value
Project Name	Main Gas Pipeline (4")Comp
StartDate	09.09.2010
EndDate	29.08.2010
Project Manager	Adrian - Predoi
Risk Manager	Adrian - Predoi
Budget	120000
Currency	Eur
Risk Register Templat	Roads & Pipelines

Asocierea riscurilor unui structuri WBS

Name	Code	Planned Cost	Realized Cost	Wanted Cost	Planned StartDate	Planned EndDate	Realized StartDate	Realized EndDate
Main Gas Pipeline (4")Comp.Cart toTransGas		40000						
Project Management								
Planning & Engineering		40000						
Prepare SoW & PR for engineering (SoR)	Act_2				27-09-2010	08-10-2010		
Q1-ready for engineering (HP1)	M03				08-10-2010	08-10-2010		
Engineering PR Approval	Act_3				11-10-2010	29-10-2010		
Tendering engineering	Act_4				01-11-2010	19-11-2010		
Tender Evaluation & negociations	Act_5				22-11-2010	10-12-2010		
Contract award engineering					10-12-2010	10-12-2010		
Basic engineering (Route planning and LLI)	Act_6				13-12-2010	04-01-2011		
HP2 - Basic engineering completed					04-01-2011	04-01-2011		
Detailed engineering	Act_7				05-01-2011	31-01-2011		
Detail Design Done	M04				01-02-2011	01-02-2011		
Planning & Engineering Costs	Cost01	40000			13-12-2010	01-02-2011		
Approval for Execution								
AFE Approval for Construction & Materials	Act_8				02-02-2011	21-02-2011		
AFE Approval					02-02-2011	02-02-2011		
Land aquisition & permits								
Procurement & Contracts								
Construction								
Precommissioning & Commissioning								
Project Close Out								

Pentru fiecare proiect o structura WBS va fi creata urmand ca o parte din riscuri sa fie asociate.

Layout - Risk

Project

General Info Risks WBS

Qualitative Analysis Quantitative Analysis Risk Scoring

Risk Definition Risk View Task View

Scenario Name	RiskId	Probability (%)	Mitigation Cost	Mitigation Actions
PreMitigation	001 - Supplier Delay	40	4000	New Supplier
PostMitigation	001 - Supplier Delay	20	4000	New Supplier
PreMitigation	002 - Unpredicted Works	60	4500	
PostMitigation	002 - Unpredicted Works	10	4500	
PreMitigation	003 - Bad Engineering	40	1000	Qualified Personnel
PostMitigation	003 - Bad Engineering	10	1000	Qualified Personnel
PreMitigation	004 - Authorizations and Permits Delay	40	1000	More pressure on state authorities
PostMitigation	004 - Authorizations and Permits Delay	40	1000	More pressure on state authorities
PreMitigation	005 - Weather	20	0	
PostMitigation	005 - Weather	20	0	
PreMitigation	006 - Project team incomplete	60	0	Better allocation of resources
PostMitigation	006 - Project team incomplete	10	0	Better allocation of resources

- [-] Main Gas Pipeline (4")Comp.Cart toTransGas
 - [-] Project Management
 - Project Start
 - AFE approval
 - Project Assignment Signed
 - AFE approval for Engineering & Permits
 - [+] Planning & Engineering
 - [-] Approval for Execution
 - AFE Approval for Construction & Materials
 - AFE Approval
 - [+] Land aquisition & permits
 - [+] Procurement & Contracts
 - [+] Construction
 - [+] Precommissioning & Commissioning
 - [+] Project Close Out

Riscul 'Supplier Delay' este asociat pe WBS-ul Procurement & Contracts

Crearea Portofolilului de Proiecte si a structurii EPS

In meniul 'Project List' proiectele care au fost create pot fi asociate pe structura EPS realizandu-se astfel viziunea de ansamblu asupra intregului portofoliu.

The screenshot displays the riskALERT software interface. On the left, there is a navigation pane with 'Projects List' selected. Below it, a tree view shows the 'EPS' (Enterprise Project Structure) hierarchy, including folders for 'Petrom - OMV Portfolio', 'E & P - HQ - Projects', 'Projects Petrom Assets', and 'Roads & Pipelines'. The 'Main Gas Pipeline (4")Comp.Cart toTransGas' entry is highlighted with a red box. On the right, a table titled 'Project List' shows project details. A red arrow points from the 'Main Gas Pipeline' entry in the tree to the corresponding row in the table.

Project Name	Project Manager	Risk Manager	StartDate	EndDate	Budget
Oil pipeline (4in)wells :567,574(Ob.Env.),569	Tiberiu - Vulpes	Adrian - Predoi	09-09-2010	02-08-2011	350000 Eur
Greening of surface and roll out to 20 wells in II	Adrian - Predoi	Adrian - Predoi	09-09-2010	12-07-2011	120000 Eur

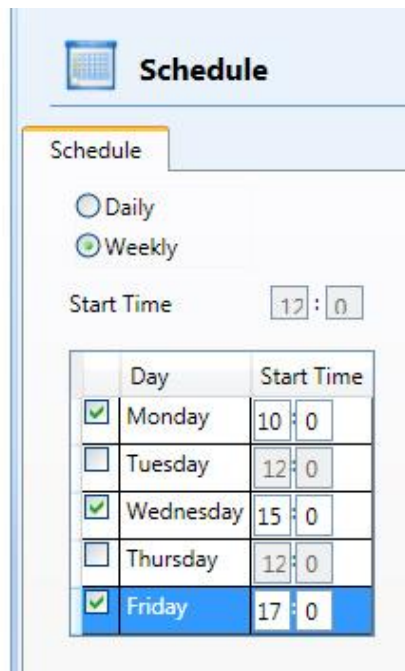
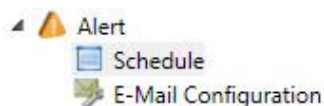
EPS

Proiectele sunt asociate cu functia 'Drag & Drop'

Configurarea Alertelor

Procesul de Management al Riscului trebuie sa fie monitorizat si controlat. Toti responsabili de risc trebuie sa fie alertati in legatura cu actiunile de mitigare care trebuiesc efectuate precum si in legatura cu impactul riscului si posibilele consecinte asupra obiectivelor proiectului.

Alertele pot fi configurate sa apara cu o frecventa zilnica sau saptamanal la o anumita ora, persoana responsabila va primi un email cu toate datele legate de riscurile ca pot afecta proiectul.



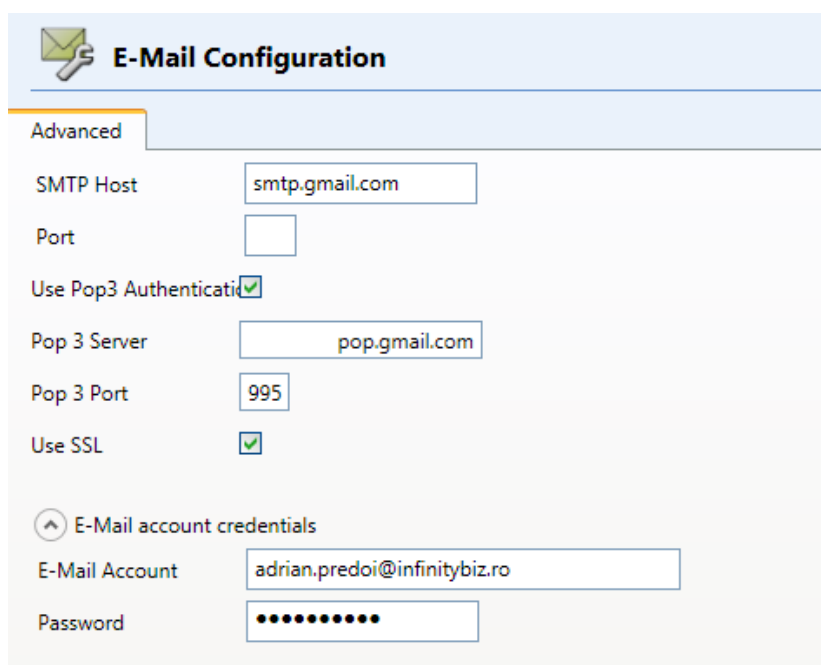
Schedule

Schedule

Daily
 Weekly

Start Time: 17 : 0

	Day	Start Time
<input checked="" type="checkbox"/>	Monday	10 : 0
<input type="checkbox"/>	Tuesday	12 : 0
<input checked="" type="checkbox"/>	Wednesday	15 : 0
<input type="checkbox"/>	Thursday	12 : 0
<input checked="" type="checkbox"/>	Friday	17 : 0



E-Mail Configuration

Advanced

SMTP Host: smtp.gmail.com

Port: []

Use Pop3 Authentication:

Pop 3 Server: pop.gmail.com

Pop 3 Port: 995

Use SSL:

E-Mail account credentials

E-Mail Account: adrian.predoi@infinitybiz.ro

Password: []

Beneficii

- ❑ Aplicatie de tipul Server - Client;
- ❑ Asigura integrarea intregului portofoliu de proiecte;
- ❑ Standardizeaza procesul de management al riscului in cadrul companiei;
- ❑ Asigura trasabilitatea riscurilor si a actiunilor de mitigare efectuate;
- ❑ Creaza o baza pentru 'lessons learned' prin pastrarea istoricul tuturor riscurilor aparute in cadrul ciclului de viata al unui proiect;
- ❑ Pastreaza un registru de risc 'deschis' pentru toate proiectele din cadrul portofoliului companiei;
- ❑ Trimite alerte catre toti membri implicati prin intermediul unor email-uri configurabile.

Va multumesc!



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