

# Enterprise Performance Optimisation **TECH**nologies

## Know-How – Methods – Tools



**Integrating Management of Opportunities & Risks  
consistently into Management Control by i.EPC™**

Here: By meaning of Approach, Benefits and References

## **Risk management is a primary component of value-oriented business management**

- i.EPC delivers a smooth and efficient integration of all risk management functions into the core business as well as the multi-project management of a company.
- This prevents redundant work and ensures that all measures are capable of being documented, checked and evaluated on a standardized basis.

## **Management of the company objectives continues to be in the focus**

- The fulfillment of all legal and tax-related documentation and control requirements is carried out with the integrated management functions, saving additional work otherwise to be done.

## **Access to i.EPC whenever, wherever, by any type of browser, by authorised user**

- Web based application which is available 24/7/365 anywhere safely for its great right system.

## **Flexible and open**

- Individual customization of masks, workflows, evaluations, reports, interfaces... as required.

## Step 01 - Analyse the Risk

**General data** | Controlling

**Basic information**

Id: 8 | Name: professionally competence

SituationDesc: Staff may not be professionally competent

**Structure**

ParentSituation: 7 Professional risks

SubSituations: [Table with columns Id, Name]

**Properties**

Risk type: KnowHow | SituationGroup: Employee

Strategy: reduce | Status: recorded

ExpectedValueSum: [Field]

SituationEffect: [Field]

**EarlyIndicators**

|   | Name                            | Description   | Potential | Risk type |
|---|---------------------------------|---|-----------|-----------|
| 1 | particular project requirements | Particular challenges for the project resulted fro... | 10        | Quality   |

**SituationCharge**

|   | Name      | First name |
|---|-----------|------------|
| 1 | Pfisterer | Rene       |

**General data** | Controlling

**Risk indicators**

|   | Name                     | Description  |
|---|--------------------------|--|
| 1 | missing assessment       | No assessment of how the projectteam meets project obligations |
| 2 | resignation of key staff | Projectleads resignate   |

## Step 02 - Evaluate or Rank the Risk

**General data** | Rating

Risk: 8 professionally competence

Id: 8-R-1

Risk report date: 20.03.2017

SituationEffect: 10

Controllability: 60 %

start: 20.03.2017

end: [Field]

Tendency: steady

Comment: [Field]

**General data** | Rating

**Quantification**

RatingType: FreeEntry | ExpectedValueSum: 300.000,00 EUR

binomial distribution

**Binomial**

five-point estimation

DamageAmo: FreeEntry %

ExpectedVal: normal distribution

three-point estimation

**NormalDistribution**

ExpectedValue: [Field] EUR | StandardDeviation: [Field] EUR

ExpectedValue: 0,00 EUR

You uncover, recognize and describe risks that might affect your project or its outcomes. Once risks are identified you determine the likelihood and consequence of each risk.

## Step 03 - Handle the Risk

Risk measure resignation of key staff training and development

Risk: 8 professionally competence

Project: 1203.2.2 rea 2

Name: training and development

Description: The "stakeholders" in training and development are categorized into several classes. The sponsors of training and development are senior managers

Status: recorded

MeasureCategory: self-sufficient

MeasureStart: 20.03.2017

MeasureEnd: 31.05.2017

ExpectedEffectDate: 27.04.2017

Expected effort: 240:00 30,000 Expected costs: EUR

| Process number | Description |
|----------------|-------------|
| 1 1203.2.2-2   | dev         |
| 2 1203.2.2-1   | dev3        |

Program: Portfolio

Units: 1 011 München

| TodoState      | Name              | TargetDate       |
|----------------|-------------------|------------------|
| 2 - Processing | First Workshop    | 20.03.2017 10:08 |
| 1 - Recorded   | Continuous Wor... | 27.03.2017 00:00 |

## Step 04 - Monitor and Review the Risk

Risk 8 professionally competence

Controlling

| Name                       | Description  |
|----------------------------|--|
| 1 missing assessment       | No assessment of how the projectteam meets project obligations |
| 2 resignation of key staff | Projectleads resignate   |

| Risk measures | Name                | Description        | Status   | MeasureCategory | MeasureStart | MeasureEnd | ExpectedEffectDate |
|---------------|---------------------|--------------------|----------|-----------------|--------------|------------|--------------------|
| 1             | training and dev... | The "stakeholde... | recorded | self-sufficient | 20.03.2017   | 31.05.2017 | 27.04.2017         |

| Actions | Due on           | Arranger       | To do | Customer | Contact | Note | Check                    |
|---------|------------------|----------------|-------|----------|---------|------|--------------------------|
| +       | 20.03.2017 00:00 | Pfisterer Rene |       |          |         |      | <input type="checkbox"/> |

| Meetings | Title             | Start            | End              | Topic      | City   | Notes              |
|----------|-------------------|------------------|------------------|------------|--------|--------------------|
| 1        | First Workshop    | 20.03.2017 09:00 | 20.03.2017 14:00 | Consulting | Munich |                    |
| 2        | Continuous Wor... | 27.03.2017 09:00 | 27.03.2017 14:00 | Consulting | Munich | in training center |

| RiskAssessment | Risk                | Id    | Risk report date | SituationEffect | Controllability | start      | end | Comment |
|----------------|---------------------|-------|------------------|-----------------|-----------------|------------|-----|---------|
| 1              | 8 professionally... | 8-R-1 | 20.03.2017       | 10              | 60 %            | 20.03.2017 |     |         |

**i.EPC supports all users in managing opportunities or risks regardless whether they are already known or unknown. Above that, it supports resolving problems when they occur. Risk Controlling by i.EPC means more than just risk administration.**

**The return on investment (ROI) can be expected to be achieved in less than a year. Essentially, both cost savings and increased performance and sales are achieved on the basis of the following advantages:**

- ✦ Portfolio management of all business units, programs and projects in a single solution
- ✦ Consistent integration of all functions and individual tasks; Single point of Truth (SoT)
- ✦ In-depth and wide-ranging transparency of the organization and workflows
- ✦ Multi-dimensional scalability for quick adaptation
- ✦ Reliable management from the steering wheel to the rudder (top down combined with a decentralized approach)
- ✦ High degree of elasticity due to the management of all aspects of the company in all its diversity

The greatest benefit for the customer lies in the fact that i.EPC gives him the facility to structure his entire company organization, comprised of a large number of what are generally dispersed subordinate organizations, units, projects, research teams, processes, etc., in such a way that at all times they remain transparent, can be controlled to optimum effect and are scalable.

**The high level of sophistication that can be achieved with i.EPC in terms of the integration of all management functions produces a significant improvement in adaptive and innovative capability thanks to the systematically controlled increase in the flexibility of the company and increased certainty even under conditions in which the pace of business change accelerates even further:**

- ✦ Conscientious, legally compliant corporate organization in all areas (governance)
- ✦ Management deal with information and delegation proactively and directly (controlling)
- ✦ Effective and efficient management using appropriate measures of action (risk management)
- ✦ Reliable preservation of evidence for managers due to automatic documentation (compliance)
- ✦ Early detection system for both opportunities and risks; safeguarding of the company due to transparency and timely analyses (e.g. by activity based accounting)
- ✦ Less intuitive, more rational decision-making and controlled management measures
- ✦ Bandwidth planning and management, simulation and optimization (Learning by i.EPC)
- ✦ Mis-en-place, provision of the necessary resources and know-how for employees
- ✦ Clear, documented definition and rights management systems with rules governing responsibility and access

# Customer References of Tool

▶ PHARMALEX

RHENUS  
LOGISTICS



Das Auto.

BITMARCK®

ACCOVION

Klar. Dynamisch.  
Einzigartig.  
**Namics.**



TÜVRheinland®

STATE STREET

on  
assystem

Deutsche  
Telekom

MAGNA

Deutsche Post DHL

ELAN-AUSY

XPE<sup>></sup>  
PHARMA & SCIENCE

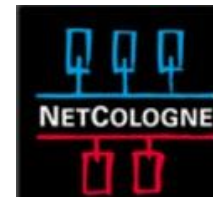
Hermes

euro  
engineering  
creating future

COMMERZ SYSTEMS  
Commerzbank Gruppe

Adecco  
better work, better life

Lauer & Weiss



Heidelberger Leben  
Lieber länger leben