

# OCEANS99

## Information Risk Management

OCEAN's

# 99

a serious Business Simulation by GamingWorks

*"Experience the most important aspects of Information Risk Management just in one day."*

### About this simulation

After Oceans11, 12 and 13 now we have Oceans99, a business simulatie about Information Risk Management!

The story is about a large exhibition in the Tokyo Museum. This important Bank is sponsoring this challenging event.

During the preparation of this exhibition there is a rumour Oceans99 has made plans to steal the precious objects.

We don't know how Oceans99 wants to do this but your challenge is to analyse possible risks, protect you against threats and to make the exhibition a success.

As a participant you are part of the international team that will transport the objects from

**WHEN TO USE;** *create awareness, use as assessment instrument and to support training & teambuilding.*

Amsterdam, London and Las Vegas to the local airports. Then fly the objects to Tokyo and transport them to the Tokyo museum where the objects will be exhibited for 4 months.

During the preparation the team will develop an Information Security Policy. This document will contain the objectives, the threats, the measures and activities to manage to protect the objects against theft.

The measures will be implemented and maintained to keep the assurance levels.

Would Oceans99 be able to execute their plans?

**Welcome to Oceans99.**



*“How to maintain the needed assurance level”*

As a business initiative the marketing director of the National Bank of Tokyo has agreed to sponsor an exhibition of valuable treasures from around the World at the Tokyo museum. His aims are to raise the brand and image of the bank, to attract new customers, and also he wants to make a significant profit.

To generate maximum interest the exhibition at the Tokyo museum want to show three extremely valuable ‘star attractions’ to lure visitors in, these are:

- The ‘Star of Africa’ – the biggest diamond in the World, being loaned from a museum in London.
- The ‘The Jewish bride’ by Rembrandt – one of Rembrandt’s most valuable oil paintings, being loaned from a museum in Amsterdam.
- A Bugatti Type 59 Grand Prix car, built in 1933 and one of only five built, being loaned from a private collection in Las Vegas.

However: Oceans99 (a notorious, incredibly creative, and extraordinarily successful group of thieves) are aware of the situation and have made plans to steal all three treasures.

## The Learning Objectives

1. *How to use a well defined and structured process to identify business drivers and critical success factors.*
2. *How to align security with business needs and corporate risk appetite to achieve business objectives.*
3. *How to measure and prioritise business risk by systematically analysing business opportunities balanced against threats and vulnerabilities.*
4. *How to manage trust between parties, systems, and processes.*
5. *How to manage secrecy (providing and receiving information on a ‘need-to-know’ basis).*
6. *How to manage authorisation, responsibility, and capability within parties, systems, and processes to ensure appropriate governance.*
7. *The importance of an holistic and balanced security implementation.*
8. *How to assess security principles in a realistic environment and then to use this to evaluate your own organisation’s level of potential and maturity.*

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The National Bank of Tokyo, the Tokyo museum, and the current owners of the treasures are extremely concerned about the vulnerability of the treasures during transit to Tokyo. Your challenges are, as a group, to transport the three extremely valuable treasures from their separate locations in Europe to the museum in Japan. Time is short and your budgets are not unlimited: the treasures must arrive on time and safely (incurring no damage or loss).

## The Subject

1. *Information Security Policy*
2. *Information Risk Management*
3. *Measures*
4. *Assurance Levels*
5. *Business Objects*
6. *Employees Discipline*

*"The secret of success is to manage business risks balancing between chance of success or threat of loss."*

## The Programm

**Round 1** - The team sets up an Information Security Policy. The team will perform a risk analysis and counter measures are implemented.

**Round 2** - The objects will be transported from the museum to the local airport. The team will be tested with events.

**Round 3** - The objects will be loaded on aircraft and transported from the local airports to Tokyo Airport.

**Round 4** - After the objects arrived on Tokyo airport, they will be transported to the museum?

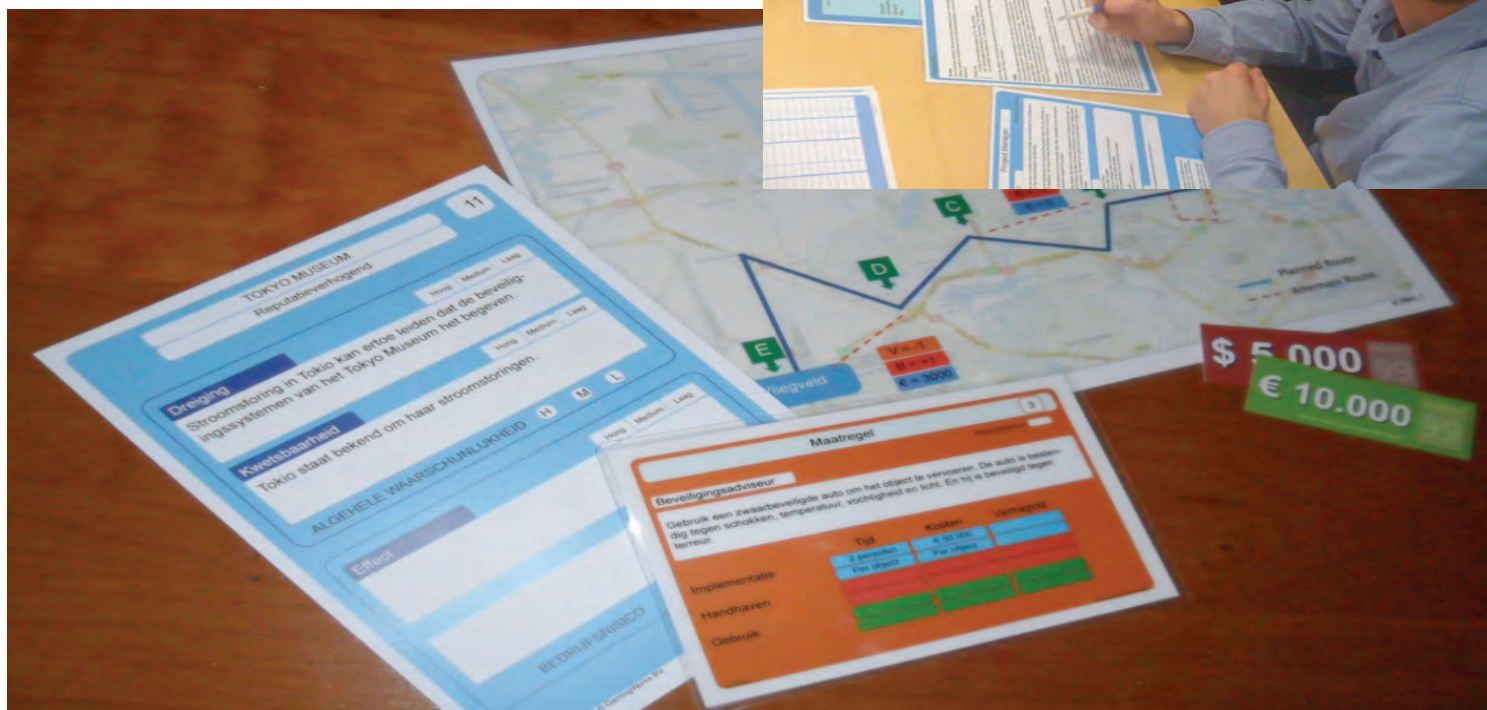
**Round 5** - During the last round of the Business Simulation the team will reflect on this day and capture all Lessons Learned. During this reflection the objects will be shown to the visitors of the museum. But, are the objects safe?

A considerable threat is posed by Oceans99: a significant task will be to deny Oceans99 every opportunity to steal any of these valuable treasures.

Successful transportation of the three valuable treasures to Japan will result in a popular exhibition for the Tokyo museum and extremely profitable business for the National Bank of Tokyo.

After each round the team will reflect back, analyze and improve their process focussing on:

- processes
- behavior
- knowledge



*“Analyze your own processes, improve them and implement measures in such a way the business accepts the risks.”*



## The Facts

**Duration**

1 day

**Participants**

10-12

### Key words

Information Security, Information Analysis, Risk Analysis, Priority Setting, Governance, team work.

## When to Use

### Awareness for Information Security

- At the start of projects
- When new ways of working are to be introduced
- To create awareness about the desirable behavior in the organization

### Training

- SABSA® training
- ISO 27000 -trainingen
- Exercises to learn more about Risk Analysis, decision making, setting priorities

### Assessment

- What is the current level of awareness, understanding, behavior?
- What are possible improvements to increase Information Security maturity

### Teambuilding

- Team development in a serious environment related to Information Security Management.
- Collaboration within an organization with different teams, people...

## Delivered by:

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