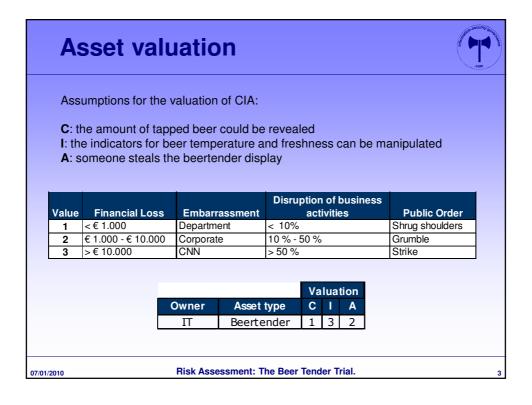


# **Risicoanalyse: The Beer Tender Trial**

Aart Bitter 7 January 2010





## Threats and vulnerabilities



### **Amount of BEER revealed**

 Network Intrusion – Insecure Network Architecture

### Wrong BEER (Overdue/Warm)

 Unauthorised System Access – Use of weak passwords

#### **No BEER**

• Theft of the Beertender display - Inadequate use of physical access controls

07/01/2010

Risk Assessment: The Beer Tender Trial.

#### Impact & Likelihood Likelihood Definition Less than twice a year 2 Between 3-5 times a year Over 5 times a year 3 **Definition Impact** If the vulnerability is exploited, up to 33% of the asset will be lost 1 If the vulnerability is exploited, up to 2 66% of the asset will be lost If the vulnerability is exploited, the 3 asset will be completely lost Risk Assessment: The Beer Tender Trial. 07/01/2010

## **Threat - Vulnerabilities**



#### **Amount of BEER revealed**

- (Asset Value C=1)
- · Threat: Network Intrusion
- Vulnerability: Insecure Network Architecture (routers, firewalls, etc.)
- Likelihood: 1
- Impact: 2
- Risk =  $1 \times 1 \times 2 = 2$
- Possible control:
  - 11.4.7 Network Routing Control

07/01/2010

Risk Assessment: The Beer Tender Trial.

### **Threat - Vulnerabilities**



### Wrong BEER (Overdue/Warm)

- (Asset Value I=3)
- Threat: Unauthorised System Access
- · Vulnerability: Use of weak passwords
- Likelihood: 2
- Impact: 3
- Risk =  $3 \times 2 \times 3 = 18$
- Possible control:
  - 11.3.1 Password Use

07/01/2010

Risk Assessment: The Beer Tender Trial.

## **Threat - Vulnerabilities**



#### **No BEER**

- (Asset Value A=2)
- Threat: Theft of the Beertender:
- Vulnerability: Inadequate use of physical access controls
- Likelihood: 2
- **Impact**: 3
- **Risk** = 2x2x3=12
- Possible control:
  - 8.2.2 Security Awareness, education & training

07/01/2010

Risk Assessment: The Beer Tender Trial.

