



# 1 System Characterization

## 1.1 System Overview

Describe the system's mission, the system boundaries, and the overall system architecture, including the main subsystems and their relationships. This description should provide a high-level overview of the system, e.g., suitable for managers, that complements the more technical description that follows.

## 1.2 System Functionality

Describe the system's functions.

## 1.3 Components and Subsystems

List all system components, subdivided, for example, into categories such as platforms, applications, data records, etc. For each component, state its relevant properties.

## 1.4 Interfaces

Specify all interfaces and information flows, from the technical as well as from the organizational point of view.

## 1.5 Backdoors

Describe the implemented backdoors. **Do not add this section to the version of your report that is handed over to the team that reviews your system!**

## 1.6 Additional Material

You may have additional sections according to your needs.

# 2 Risk Analysis and Security Measures

## 2.1 Assets

Describe the relevant assets and their required security properties. For example, data objects, access restrictions, configurations, etc.

## 2.2 Threat Sources

Name and describe potential threat sources including their motivation.

## 2.3 Risks and Countermeasures

List all potential threats and the corresponding countermeasures. Estimate the risk based on the information about the threat, the threat sources and the corresponding countermeasure. For this purpose, use the following three tables.

Impact		Likelihood	
Impact	Description	Likelihood	Description
High	...	High	...
Medium	...	Medium	...
Low	...	Low	...

Risk Level			
Likelihood	Impact		
	Low	Medium	High
High	Low	Medium	High
Medium	Low	Medium	Medium
Low	Low	Low	Low

### 2.3.1 Evaluation Asset X

Evaluate the likelihood, impact and the resulting risk, after implementation of the corresponding countermeasures. For each threat, clearly name the threat source and the the threat action.

No.	Threat	Implemented/planned countermeasure(s)	L	I	Risk
1	...	...	<i>Low</i>	<i>Low</i>	<i>Low</i>
2	...	...	<i>Medium</i>	<i>High</i>	<i>Medium</i>

### 2.3.2 Evaluation Asset y

No.	Threat	Implemented/planned countermeasure(s)	L	I	Risk
1	...	...	<i>Low</i>	<i>Low</i>	<i>Low</i>
2	...	...	<i>Medium</i>	<i>High</i>	<i>Medium</i>

### 2.3.3 Detailed Description of Selected Countermeasures

Optionally explain the details of the countermeasures mentioned above.

### 2.3.4 Risk Acceptance

List all medium and high risks, according to the evaluation above. For each risk, propose additional countermeasures that could be implemented to further reduce the risks.

No. of threat	Proposed countermeasure including expected impact
...	...
...	...