



# Risk Assessment example

Denise Dittrich

RWTH Aachen University, IT Center

# Example

---

- Using cloud licensing für Microsoft 365
- Use case
  - New contract with Microsoft in May 2021
  - Initial situation: device based licenses, no cloud usage
  - New situation: user based licensed, cloud-managed licenses
  - Allowed cloud based applications: Microsoft Teams
- Questions:
  - Which data are transferred?
  - What are the risks we take by using cloud-managed licenses?

## Steps to take

---

- Identify the transferred data
  - Documents
  - Search in user information
- 2 types of data
  - transferred by us (user information for authentication)
  - Collected by Microsoft during licensing process
- Identify the (additional) risks
  - List of cloud risks



# Scaling

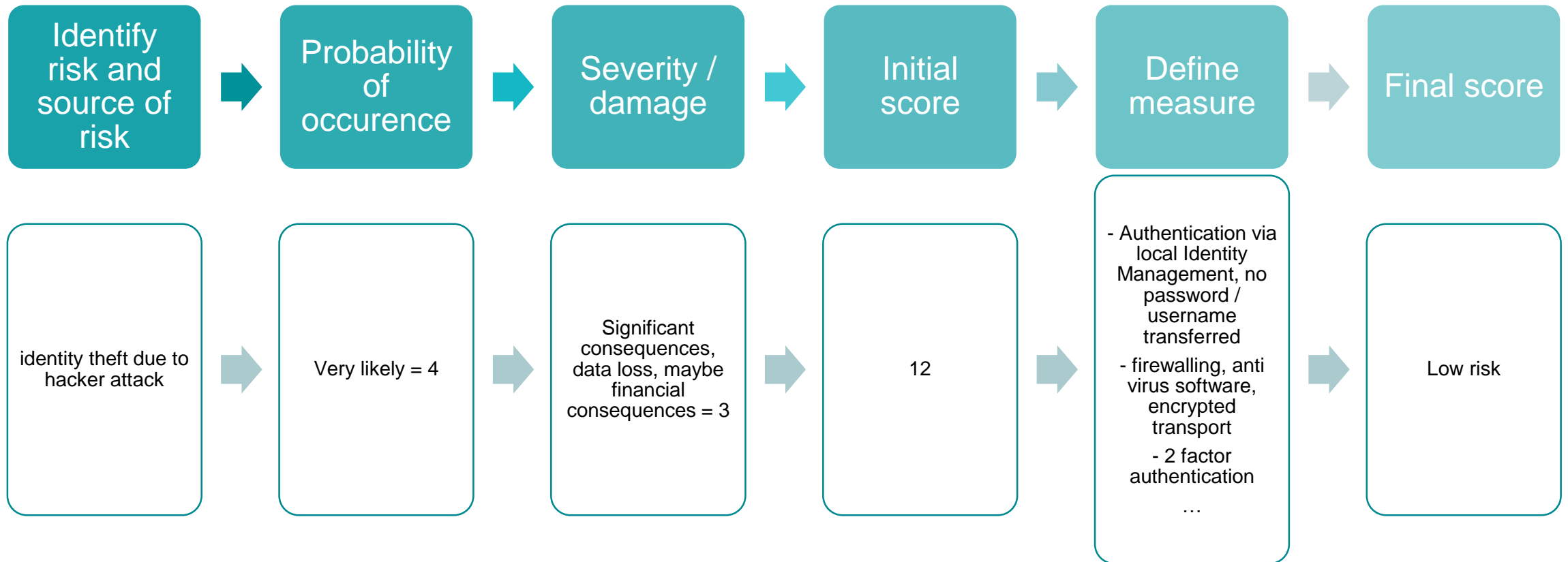
impact	4	4	8	12	16
	3	3	6	9	12
	2	2	4	6	8
	1	1	2	3	4
		1	2	3	4
		probability of occurrence			

# Process

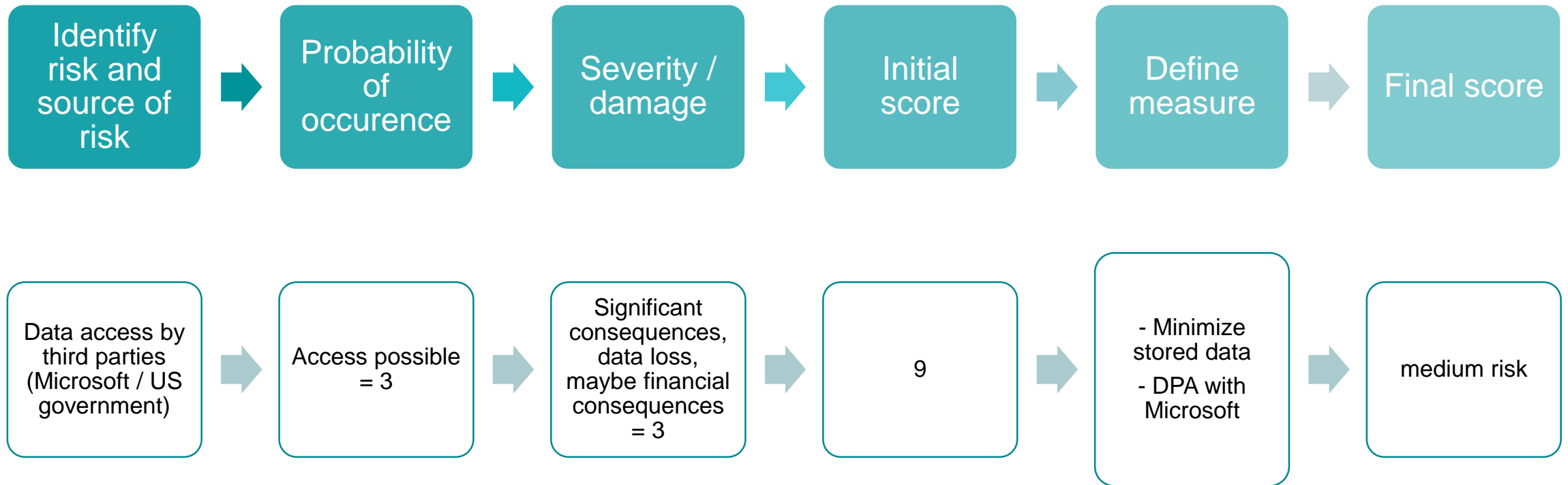
---



# Process



# Process



## Measures to lower risk (examples)

---

- Organisational measures
  - Data processing contracts
  - Support contracts (to minimize impact)
  
- Technical measures
  - Minimize transferred data
  - Backup / redundancies
  - Configuration set
  - Use local authentication methods and 2 FA





# Results

---

- „Verify“ scores
  - With team members
  - Data security officer
- Actual risks are visible for everybody
- No risk labelled as „high risk“ (after regarding measures)
- Planned: risk assessments for M365 applications

**Thank you  
for your attention**

