



#### **Well-known Examples**

"Stuxnet Worm" CVE-2010-2772, CVE-2010-2568

"WannaCry" CVE-2017-0144

"BlueKeep" CVE-2019-0708



# CVE

#### Common Vulnerabilities and Exposures

CVE is the standard for uniform name conventions and identification of publicly known security vulnerabilities in information systems. In this way, vulnerabilities can be communicated internationally across all language barriers.



# Importance of CVEs in the Industry

Industry 4.0 makes IT security in production environments increasingly important

> "Spillover Effect" = Original attack in the office area (un)intentionally also affects industrial plants

CVEs provide a uniform system for the exchange and assessment of vulnerabilities

System failures can be prevented, high availability is ensured

## **Key Information**

- 🕜 CVE ID
- Date and time of publication and last editing
- References and a description of the vulnerability
- Directly and indirectly affected products (described via CPEs)
- Severity rating (described via CVSS) if available



# **Structure of the CVE**

### **CVE - 2019 - 1214**

