

WebID Solutions GmbH

# Trust Service Practice Statement

Version 1.12  
Date: 06.03.2025

## Document History

Version	Date	Changes
1.0	21.09.2017	Initial version
1.1	02.01.2019	Minor changes and annual review
1.2	29.04.2019	Minor additions and refinement
1.3	29.08.2019	Changes and amendments in Chapters 1; 1.1; 1.3.5; 1.5.4; 2.3, 3.2.3; 5.1.8; 5.2.1; 5.5.2; 5.2.4; 5.4.1; 5.5.2; 5.7.1; 6.2; 6.5; 6.5.1; 6.6.1; 6.6.2; 6.6.4; 9.12.2 to address further ETSI EN 319-401 requirements
1.4	12.10.2020	General improvements, integration of external callcenters, integration of emergency home-office
1.5	08.01.2021	Amendment in Chapter 3.2.3
1.6	30.05.2022	Minor changes and annual review
1.7	22.05.2023	Minor changes and annual review
1.8	26.06.2023	Changes and amendments in Chapters 5.1.2,5.2.3, 5.4.2, 5.7.1, 5.7.4, 6.5.1 and 6.6.4 to address further ETSI EN 319-401, 319-411-1 and 319-411-2 requirements.
1.9	13.12.2023	Changes and amendments in chapters 5.1.6, 6.6.4 and 9.15 to address further requirements of ETSI EN 319-401, 319-411-1 and 319-411-2.
1.10	05.06.2024	Improvement of 6.5 and 9.15. Expertise also required for vulnerability scans. Update for partial fulfilment of eIDAS2 and ETSI EN 319 401, v3.1.0
1.11	28.06.2024	Handling of third-party trust service components added to 6.5.1. Usage only according to manufacturer specifications.
1.12	06.03.2025	Integration of new requirements from eIDAS 2.0, improvements for compliance with new version of ETSI EN 319 401, v3.1.1, new chapters for crisis management, supply chain, etc

**CONTENT**

- 1 Introduction ..... 7
  - 1.1 Overview ..... 7
  - 1.2 Document Name and Identification..... 8
  - 1.3 PKI Participants..... 8
    - 1.3.1 Certification Authorities ..... 8
    - 1.3.2 Registration Authorities ..... 8
    - 1.3.3 Subscribers ..... 8
    - 1.3.4 Relying Parties ..... 8
    - 1.3.5 Supplier (Third-Parties) ..... 8
  - 1.4 Certificate Usage..... 9
  - 1.5 Policy Administration ..... 9
    - 1.5.1 Organization Administering the Document ..... 9
    - 1.5.2 Contact Person ..... 9
    - 1.5.3 Person Determining CPS Suitability for the Policy ..... 10
    - 1.5.4 TSPS Approval Procedures..... 10
  - 1.6 Definitions and Acronyms..... 10
    - 1.6.1 Definitions ..... 10
    - 1.6.2 Acronyms ..... 10
    - 1.6.3 References..... 10
- 2 Publication and Repository Responsibilities ..... 11
  - 2.1 Repositories ..... 11
  - 2.2 Publication of Certificate Information ..... 11
  - 2.3 Time or Frequency of Publication ..... 11
  - 2.4 Access Controls on Repositories..... 11
- 3 Identification and Authentication..... 11
  - 3.1 Naming..... 11
  - 3.2 Initial Identity Validation..... 11
    - 3.2.1 Method to Prove Possession of Private Key ..... 11
    - 3.2.2 Authentication of Organization Entity..... 11
    - 3.2.3 Authentication of Individual Identity ..... 11
    - 3.2.4 Non-verified Subscriber Information ..... 12
    - 3.2.5 Validation of Authority ..... 12
    - 3.2.6 Criteria for Interoperation ..... 12
  - 3.3 Identification and Authentication for Re-key Requests..... 12
  - 3.4 Identification and Authentication for Revocation Requests ..... 12

4	Certificate Life-Cycle Operational Requirements .....	13
5	Facility, Management and Operational Controls .....	13
5.1	Physical Controls .....	13
5.1.1	Site Location and Construction.....	13
5.1.2	Physical Access .....	14
5.1.3	Power and Air Conditioning.....	14
5.1.4	Water Exposure .....	14
5.1.5	Fire Prevention and Protection .....	14
5.1.6	Media Storage.....	14
5.1.7	Waste Disposal .....	15
5.1.8	Off-site backup.....	15
5.2	Procedural Controls.....	15
5.2.1	Trusted Roles.....	15
5.2.2	Number of Persons Required per Task .....	16
5.2.3	Identification and Authentication for Each Role .....	16
5.2.4	Roles Requiring Separation of Duties.....	16
5.2.5	Supply Chain.....	16
5.3	Personnel Controls.....	17
5.3.1	Qualification, Experience, and Clearance Requirements.....	17
5.3.2	Background Check Procedures.....	17
5.3.3	Training Requirements .....	18
5.3.4	Re-Training Frequency and Requirements.....	18
5.3.5	Job Rotation Frequency and Sequence.....	18
5.3.6	Sanctions for Unauthorized Actions.....	18
5.3.7	Independent Contractor and external Identification Center Requirements .....	19
5.3.8	Documentation Supplied to Personnel .....	19
5.4	Audit Logging Procedures .....	19
5.4.1	Types of Events Logged.....	19
5.4.2	Frequency of Processing Log.....	20
5.4.3	Retention Period for Audit Log .....	20
5.4.4	Protection of Audit Log .....	20
5.4.5	Audit Log Backup Procedures .....	20
5.4.6	Audit Collection System (Internal vs. External) .....	20
5.4.7	Notification to Event-Causing Subject .....	21
5.4.8	Vulnerability Assessments.....	21
5.5	Records Archival .....	21

5.5.1	Types of Records Archived .....	21
5.5.2	Retention Period for Archive.....	21
5.5.3	Protection of Archive .....	21
5.5.4	Archive Backup Procedures .....	22
5.5.5	Requirements for Time-Stamping of Records.....	22
5.5.6	Archive Collection System (Internal or External).....	22
5.5.7	Procedures to Obtain and Verify Archive Information .....	22
5.6	Key Changeover .....	22
5.7	Compromise and Disaster Recovery .....	22
5.7.1	Incident and Compromise Handling Procedures, Crisis Management .....	22
5.7.2	Computing Resources, Software, and/or Data are Corrupted.....	24
5.7.3	Entity Private Key Compromise Procedures.....	24
5.7.4	Business Continuity Capabilities after a Disaster.....	24
5.8	CA or RA Termination .....	25
5.8.1	Termination of Identification Service.....	25
6	Technical Security Controls .....	25
6.1	Key Pair Generation and Installation .....	25
6.2	Private Key Protection and Cryptographic Module Engineering Controls.....	25
6.3	Other Aspects of Key Pair Management.....	25
6.4	Activation Data.....	25
6.5	Computer Security Controls .....	25
6.5.1	Specific Computer Security Technical Requirements .....	27
6.5.2	Computer Security Rating .....	28
6.6	Life Cycle Technical Controls .....	28
6.6.1	System Development Controls.....	28
6.6.2	Security Management Controls .....	28
6.6.3	Life Cycle Security Controls .....	28
6.6.4	Network security controls .....	28
6.7	Time-Stamping.....	29
7	Certificate, CRL, and OCSP Profiles .....	29
8	Compliance Audit and Other Assessments.....	30
8.1	Frequency and Circumstances of Assessment.....	30
8.2	Identity/Qualifications of Assessor.....	30
8.3	Assessor's Relationship to Assessed Entity .....	30
8.4	Topics Covered by Assessment .....	30
8.5	Actions Taken as a Result of Deficiency.....	31

8.6	Communications of Results.....	31
9	Other Business and Legal Matters .....	31
9.1	Fees.....	31
9.2	Financial Responsibility.....	31
9.2.1	Insurance Coverage.....	31
9.2.2	Other Assets .....	31
9.3	Confidentiality of Business Information.....	31
9.3.1	Scope of Confidential Information.....	31
9.3.2	Information Not Within the Scope of Confidential Information.....	32
9.3.3	Responsibility to Protect Confidential Information.....	32
9.4	Privacy of personal information .....	32
9.4.1	Privacy Plan .....	32
9.4.2	Information Treated as Private .....	32
9.4.3	Information not Deemed Private.....	32
9.4.4	Responsibility to Protect Private Information .....	32
9.4.5	Notice and Consent to Use Private Information .....	32
9.4.6	Disclosure Pursuant to Judicial or Administrative Process .....	32
9.4.7	Other Information Disclosure Circumstances.....	32
9.5	Intellectual Property Rights.....	32
9.6	Representations and Warranties .....	32
9.6.1	CA Representations and Warranties .....	32
9.6.2	RA Representations and Warranties .....	33
9.6.3	Subscriber Representations and Warranties .....	33
9.6.4	Relying Party Representations and Warranties .....	33
9.6.5	Representations and warranties of other participants.....	33
9.7	Disclaimers of Warranties.....	33
9.8	Limitations of Liability .....	33
9.9	Indemnities.....	33
9.9.1	Indemnification by Subscribers.....	34
9.10	Term and Termination .....	34
9.10.1	Term .....	34
9.10.2	Termination.....	34
9.10.3	Effect of Termination and Survival.....	34
9.11	Individual notices and communications with participants .....	34
9.12	Amendments.....	34
9.12.1	Procedure for Amendment .....	34

9.12.2	Notification Mechanism and Period .....	34
9.12.3	Circumstances under Which OID Must be Changed.....	35
9.13	Dispute Resolution Provisions.....	35
9.14	Governing Law .....	35
9.15	Compliance with Applicable Law .....	35
9.16	Miscellaneous provisions.....	35
9.16.1	Entire agreement.....	35
9.16.2	Assignment .....	35
9.16.3	Severability .....	35
9.16.4	Enforcement (Attorneys' Fees and Waiver of Rights) .....	36
9.16.5	Force Majeure.....	36
9.17	Other provisions .....	36

# 1 Introduction

WebID Solutions GmbH is a trust service provider offering online services for identity verification of persons in order to support WebID Solution's partners needing reliable identification of their customers.

In addition, in collaboration with certification service providers and contract partners WebID Solutions enables individual customers of the contract partners to electronically sign legally binding contracts using qualified electronic signatures according to the eIDAS regulation.

The identity verification services are compliant with the requirements of the German "Geldwäschegesetz" (prevention of money laundering act) and the Regulation No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS).

In particular, WebID Solutions verifies the identity of natural persons in accordance with eIDAS, Article 24, paragraph 1 d) by using "other identification methods" recognized under national regulation which provide equivalent assurance in terms of reliability to physical presence.

This document is the Trust Service Practice Statement (TSPS) of WebID Solutions GmbH. It is not a full Certification Practice Statement (CPS) according to RFC 3647 because WebID Solutions only provides identity verification services, but does not offer other certification services like issuing certificates or the provision of certificate validation services.

The purpose of this document is to serve as a base for compliance with eIDAS.

## 1.1 Overview

The services of WebID Solutions allow customers of contract partners to be reliably identified using online video conferencing for identification while the customer is at home or at his/her workplace. WebID Solutions delivers the results of identity verifications in electronic form to its contract partners and/or to certification service providers for the issuance of qualified electronic certificates. The qualified certificates may then be used to sign legally binding electronic contracts.

WebID Solutions offers its services to all customers of its contract partners without discrimination.

While the services cannot be provided for people with mutism and deafness, the service provided is accessible for persons with disabilities and can be used without any restrictions by persons with other disabilities.

The services of WebID Solutions are in conformance with the German Geldwäschegesetz (prevention of money laundering act) and the eIDAS regulation on electronic identification and trust services.

The services of WebID Solutions have been assessed for compliance with the requirements of eIDAS according to the standards ETSI EN 319 401, ETSI EN 319 411-1, and ETSI EN 319 411-2 and the compliance with the requirements of eIDAS has been confirmed by an independent conformity assessment body.

The video identification services offered by WebID Solutions can be used by Trust Service Providers (TSPs) for the issuance of qualified certificates and qualified seals according to the policies QCP-n, QCP-n-qscd, QCP-I, and QCP-I-qscd of ETSI EN 319 411-2. For QCP-I and QCP-I-qscd WebID can only identify the natural person representing the organization, the organization itself must be identified by the TSPs.

The video identification is performed by trained and experienced identity verification specialists according to legally admitted procedures. The video conference replaces the personal (physical) presence of the person to be identified.

## 1.2 Document Name and Identification

This document is the “Trust Service Practice Statement of the WebID Solutions GmbH.

Name of the document	WebID Solutions GmbH – Trust Service Practice Statement
Version	1.12, 06.03.2025

## 1.3 PKI Participants

### 1.3.1 Certification Authorities

A Certification Authority (CA) is an entity authorized to issue public key certificates. A CA is also responsible for the distribution, publication, and revocation of certificates.

WebID Solutions does not operate a CA but offers identification services on behalf of CAs.

### 1.3.2 Registration Authorities

A Registration Authority (RA) acts on behalf of a CA. RAs are responsible for verifying both business information and personal data contained in a subscriber’s certificate.

An RA submits certificate requests to issuing CAs, approves applications for certificates, renewal, or re-keying, and handles revocation requests.

WebID Solutions does not operate an RA but offers identification services on behalf of a CA’s RA.

### 1.3.3 Subscribers

Subscribers are the owners of certificates issued by a CA. Subscribers can be individual persons or legal entities.

WebID Solutions identifies the subscribers on behalf of contract partners or CAs. For legal entities WebID only identifies the natural person representing the organization. The organization itself must be identified by the TSP.

### 1.3.4 Relying Parties

A Relying Party is an individual or entity that relies on a certificate. A Relying Party uses a Subscriber’s certificate to verify the integrity of a digitally signed document and to identify the signer of the document.

### 1.3.5 Supplier (Third-Parties)

Where the provisioning of services involves subcontracting, outsourcing, or other third-party arrangements, WebID Solutions has documented agreements and contractual relationships in

place to ensure that there is clear understanding between WebID and the supplier regarding both parties' obligations to fulfil relevant information security requirements.

In the contractual agreements and/or third-party agreements WebID Solutions defines the outsourcers' or subcontractor's liabilities and ensures that outsourcers and subcontractors are bound to implement any controls required by WebID Solutions. These controls include those which must be implemented by WebID Solutions, those which must be implemented by the subcontractor, and those which must be implemented by the subcontractor in case of termination of the subcontracted service.

All suppliers are obliged to take appropriate security measures addressing WebID Solutions' security requirements aligned with the risk assessment.

WebID Solutions uses a supplier for the operation of the datacenter. It provides managed dedicated servers for storing data. The operator of the external datacenter is obliged to protect the servers in the datacenter against physical and environmental threats and to maintain the security of the servers in the datacenter up to the operating system level.

The datacenter's conformance with the information security policy is ensured through regular audits performed by WebID personnel.

Furthermore, in addition to its internal identification centers, WebID uses subcontracted external callcenters as suppliers for external identification services.

Whereas all external contractors providing video identification services will be subject to respective security requirements and controls as applicable to WebID Solutions (i.e. as described under section 5.1, 5.2 etc.), WebID Solutions retains overall responsibility for conformance with the procedures specified in its information security policy, the supply chain policy (see chapter 5.2.5), and this TSPS, even when the specific functionality is undertaken by outsourcers.

## 1.4 Certificate Usage

Not applicable. WebID Solutions provides identity verification services and does not issue certificates.

## 1.5 Policy Administration

### 1.5.1 Organization Administering the Document

This TSPS is administered by:

WebID Solutions GmbH  
Unter den Linden 10  
10117 Berlin

### 1.5.2 Contact Person

WebID Solutions GmbH  
Compliance Officer  
Unter den Linden 10  
10117 Berlin  
Phone: +49 30 55574760  
E-Mail: [compliance@webid-solutions.de](mailto:compliance@webid-solutions.de)

### 1.5.3 Person Determining CPS Suitability for the Policy

WebID Solutions' Compliance Officer determines the suitability of this TSPS with the Policy.

### 1.5.4 TSPS Approval Procedures

This TSPS document has been prepared for compliance with the requirements of eIDAS on identity verification.

The TSPS document is approved by WebID Solutions' Management Board, published and communicated to all relevant employees and external parties.

The Management Board is also responsible for implementing the practices as specified in this document.

The TSPS and the Terms and Conditions are reviewed in regular intervals. Amendments to these documents must be approved by WebID Solutions' Management Board before becoming effective.

Changes to the TSPS that might affect the acceptance of the service are communicated to third parties including customers, relying parties (like the CAs that issue certificates based on the TSPs identification services).

The Terms and Conditions are made available to all subscribers and relying parties through durable means of communication. Terms and Conditions are available in a readily understandable language in German and English. They can be downloaded from <https://webid-solutions.com/de/agb/> and <https://webid-solutions.com/en/conditions/>.

## 1.6 Definitions and Acronyms

### 1.6.1 Definitions

Not required.

### 1.6.2 Acronyms

Not required.

### 1.6.3 References

ETSI EN 319 401	ETSI EN 319 401, Electronic Signatures and Infrastructures (ESI); General Policy Requirements for Trust Service Providers
ETSI EN 319 411-1	ETSI EN 319 411-1, Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements
ETSI EN 319 411-2	ETSI EN 319 411-1, Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 2: Requirements for trust service providers issuing EU qualified certificates
eIDAS	Regulation No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC

## 2 Publication and Repository Responsibilities

### 2.1 Repositories

WebID Solutions publishes this TSPS and other relevant documents like General Terms and Conditions (AGB) and the Data Protection Statement on its website [www.webid-solutions.com](http://www.webid-solutions.com).

### 2.2 Publication of Certificate Information

Not applicable. WebID Solutions does not issue certificates.

### 2.3 Time or Frequency of Publication

This TSPS and any subsequent amendments are immediately made publicly available after approval.

The websites of WebID Solutions are publicly available 24 hours per day, 7 days per week. Upon system failure or other kind of outages WebID Solutions will restore proper functionality without delay.

### 2.4 Access Controls on Repositories

The repository is publicly and internationally available. Read access is unrestricted.

WebID Solutions protects the integrity and authenticity of all documents in the repository. The repository is subject to access control mechanisms to protect its availability and prevent unauthorized adding, deleting, or modifying of information in the repository.

## 3 Identification and Authentication

### 3.1 Naming

Not applicable. WebID Solutions does not issue certificates.

### 3.2 Initial Identity Validation

#### **3.2.1 Method to Prove Possession of Private Key**

Not applicable. WebID Solutions does not issue certificates.

#### **3.2.2 Authentication of Organization Entity**

Not applicable. WebID Solutions does not issue certificates.

#### **3.2.3 Authentication of Individual Identity**

The customer's identity is checked against an official, valid, government-issued photo ID document that fulfills legal and regulatory requirements.

The customer has to be present in a video conference call and screenshots and a voice protocol are recorded as evidence.

The information collected during the identification include the full name (surname and given name(s)) of the applicant, the date and place of birth, the current address, the type, validity period, issuing authority, and the reference number of the identity document presented. The

current address is either part of the data of the ID document (if contained) or is filled out by the customer before the beginning of the identification process.

WebID Solutions also verifies the customer's mobile phone number for authentication purposes when the customer applies for a qualified certificate at a cooperating CA.

After performing the video identification WebID Solutions transfers the collected identification data to the CA.

If the requirements of the RA's national supervisory body go beyond the national requirements for user identity verification applicable to the CA, there is no obligation for the RA to implement such for a certificate creation for the CA, provided it is ensured that the requirements of the regulations applicable to the CA for the implementation of the identification are met. Insofar the CA will coordinate and address corresponding questions to its supervisory body.

Provided that the

- i) correctness of the collected data, and
- ii) the comparison of the identity documents used and the applicant

(4-eyes principle) is to be confirmed to the TSP, the RA will carry out this process in agreement with the TSP within 24 hours.

All data exchanged electronically with the customer is protected through encryption. All data included in the transmission to the TSP is encrypted and digitally signed.

### **3.2.4 Non-verified Subscriber Information**

Not applicable. WebID Solutions offers only identity validation services.

### **3.2.5 Validation of Authority**

Not applicable. WebID Solutions offers only identity validation services.

WebID Solutions does not validate the customer's authority to apply for a certificate; this must be done by the CA issuing the certificate.

### **3.2.6 Criteria for Interoperation**

No stipulation.

## **3.3 Identification and Authentication for Re-key Requests**

Not applicable. WebID Solutions does not issue certificates.

WebID Solutions does not differentiate between identifications for initial certificate issuance or re-key requests.

## **3.4 Identification and Authentication for Revocation Requests**

Not applicable. WebID Solutions does not issue certificates and does not handle revocation requests.

## **4 Certificate Life-Cycle Operational Requirements**

Not applicable.

WebID Solutions performs identification services according to chapter 3.2.3. WebID Solutions does not issue certificates, does not process certificate applications, and does not provide certificate status validation services.

## **5 Facility, Management and Operational Controls**

WebID Solutions carries out regular risk assessments to identify, analyze, and evaluate risks related to its services considering business and technical issues.

WebID Solutions's risk assessment identifies and documents product or service components that are critical for maintaining functionality.

WebID Solutions then selects appropriate risk treatment measures considering the results of the risk assessment.

The risk treatment measures chosen ensure that the level of security is commensurate with the degree of risk.

The risk assessment is reviewed in regular intervals and approved by WebID Solutions management who accepts the residual risks identified in the risk assessment with this approval.

### **5.1 Physical Controls**

WebID Solutions has implemented a general security policy which supports the security requirements of the services, processes, and procedures covered by this TSPS.

These security mechanisms are commensurate with the level of threat in the identity validation environment.

#### **5.1.1 Site Location and Construction**

For redundancy purposes, WebID Solutions operates two facilities at two different locations. Both of them are capable to provide all services required for identity verification.

At both locations the systems of WebID Solutions are located in secure rooms with biometric access control and CCTV surveillance. For data protection reasons the CCTV system is configured in such a way that it does not record the video conferencing screens of the identity validation specialists.

In addition, WebID cooperates with external video-identification service providers at several different locations. At all locations the systems used for identification services are located in secure rooms with access control and CCTV surveillance.

WebID Solutions' servers are located in a secure data center and managed and operated (at the operating system level) by data center staff. WebID Solutions' applications and data are stored encrypted and not accessible for data center personnel.

All operations related to identity verification are conducted within a physically protected environment that deters, prevents, and detects unauthorized use of, access to, or disclosure of sensitive information and systems.

Several layers of physical security controls restrict access to the sensitive hardware and software systems used for performing operations. The systems used for identity validation services are physically separated from other systems so that only authorized employees can access them.

### **5.1.2 Physical Access**

WebID Solutions protects its relevant systems, especially database servers and the systems used by the identity validation specialists for video conferencing, with physical security mechanisms to:

- permit no unauthorized access to the hardware;
- store all identity validation data in encrypted form;
- monitor, either manually or electronically, for unauthorized intrusion at all times;
- maintain and periodically inspect an access log.

WebID Solutions has implemented physical access controls to reduce the risk of unauthorized persons being able to access WebID Solution's premises. This includes the workplaces of identity validation specialists as well as database servers, routing and switching components, and firewalls.

Physical access to systems is strictly controlled. Only trustworthy individuals with a valid business reason are provided access. The access control system is always functional and uses biometrics in combination with access chips.

Access to WebID Solutions' premises requires multi-factor authentication with chip and biometrics.

Visitors to WebID's premises cannot enter those without support of authorized employees. All visitors must present their personal ID document for identification, which is documented by WebID personnel. In all relevant security areas visitors must be accompanied by authorized employees. Visitors are required to wear a visitor badge at all times.

### **5.1.3 Power and Air Conditioning**

All systems at the locations where identity verification takes place and all systems in the secure data center have industry standard power and air conditioning systems to provide a suitable operating environment.

Furthermore, all relevant systems are provided with an uninterruptable power supply sufficient for a short period of operation in the absence of commercial power, to support either a smooth shutdown or to re-establish commercial power.

### **5.1.4 Water Exposure**

All systems have reasonable precautions taken to minimize the impact of water exposure.

### **5.1.5 Fire Prevention and Protection**

All systems have industry standard fire prevention and protection mechanisms in place.

### **5.1.6 Media Storage**

WebID Solutions does not use removable media (like USB-sticks or portable harddisks) for storing data. Short-time storage e.g. for transferring data between two systems is not considered as media storage and does not require measures against obsolescence and deterioration (see below).

All storage media is managed through its life cycle of acquisition, use, transportation and disposal in accordance with the WebID Solution's classification scheme and handling requirements.

Storage media is always securely handled to protect it from damage, theft, unauthorized access and obsolescence.

Storage media management procedures are implemented such that they protect against obsolescence and deterioration of storage media within the period of time that records are required to be retained.

Media which might be needed for a longer period of time is stored in safes to protect it from accidental damage (such as water, fire, electromagnetic, etc.). Media that contains audit data, archive data, or backup information is duplicated and stored securely in a location separate from the main location. Hence, at least two copies of all relevant data exist and the stored data is protected against obsolescence and deterioration.

After longer storage periods data will be checked for readability. If considered necessary data will be transferred to fresh media before becoming unreadable.

### **5.1.7 Waste Disposal**

Sensitive documents and materials occur only in electronic form. Media used to collect or transmit sensitive information are securely erased before disposal. Paper-based media is disposed according to DIN 66399 category P-5. Other waste is disposed of in accordance with normal waste disposal requirements.

### **5.1.8 Off-site backup**

WebID Solutions performs regular routine backups of critical system data, audit log data, and other sensitive information.

WebID Solutions is not obliged to keep identity verification data for a long period of time because all relevant identity verification data is sent to the CA for the purpose of issuing a qualified certificate immediately after being collected. The CA is then obliged to archive these data according to the regulations made in eIDAS.

The copy of all identity data stored on WebID Solutions' systems can be viewed as secondary backup stored off-site.

## **5.2 Procedural Controls**

### **5.2.1 Trusted Roles**

WebID's management appoints Trusted Roles with job duties considered critical for the trustworthy provision of the Trusted Services. All employees that have access to or control video identification data are appointed to Trusted Roles. For the services provided by WebID Solutions these roles are internal and external Identity Verification Specialists (or Identity

Verification Agents), System Administrators (internal and external), Security Officers, System Operators, Developers, and Auditors; job descriptions are available for all roles.

### **5.2.2 Number of Persons Required per Task**

No stipulation.

### **5.2.3 Identification and Authentication for Each Role**

Initially, the identity of all personnel in Trusted Roles is verified through personal, physical presence and the check of an official photo ID document. Identity is further confirmed through the background checking procedures in section 5.3.2., which also apply to all external identification centers and their employees.

WebID's personnel in Trusted Roles is named and approved by senior management of WebID Solutions before being permitted to access RA relevant systems. The relevant employees have accepted the Trusted Role.

Personnel in Trusted Roles of external identification centers is named and approved by the service provider's senior management. A list of persons in Trusted Roles employed in external identification centers is made available to WebID.

Identification and authentication during operations for each role is based on individual passwords and individual access tokens and PINs.

Specific privileged accounts are set-up intended to be used for administrative purposes like installation, configuration, management or maintenance. Persons with privileged accounts are permitted to use their privileges only if it is necessary for the specific activity. Strong identification, authentication and authorization procedures apply for privileged accounts.

### **5.2.4 Roles Requiring Separation of Duties**

All personnel performing sensitive operations are assigned a Trusted Role. A segregation of conflicting duties and areas of responsibility is implemented to reduce opportunities for modification and misuse to its minimum. Sufficient computer security controls for the separation of identified Trusted Roles, including the separation of security administration and operation functions, are in place. Access management is designed on a need-to-know basis.

### **5.2.5 Supply Chain**

WebID Solutions has identified risks associated with the use of products and services provided by suppliers like external callcenters, including the ICT supply chain, and has defined, documented and implemented processes and procedures to address risks associated with such suppliers.

A supply chain policy has been created which identifies and communicates WebID's role in the supply chain especially for customers and certificate issuing Trust Service Providers that use WebID Solutions' services. The supply chain policy defines criteria for selecting and (sub)contracting suppliers or service providers. These criteria include

- a) the ability of the supplier or service provider to meet the cybersecurity specifications, risks and classification levels of an Identification Service Provider's services, systems or products delivered by the supplier or service provider;
- b) the ability of WebID Solutions to diversify sources of supply and to limit vendor lock-in; and
- c) the results of the coordinated security risk assessments of critical supply chains.

Processes and procedures are defined and implemented to manage information security risks associated with the supply chain. In particular, compliance with WebID's security policies and requirements is considered in the selection process of direct suppliers or service providers as part of the procurement process. The applicable security policies and requirements are included in contracts with the suppliers, subcontractors or service providers.

Rules for sharing of information regarding the supply chain and any potential issues and compromises among WebID Solutions and certificate issuers (Trust Service Providers) are defined.

The acquisition of ICT products and services is included in the Information Security Policy.

Sub-contracted ICT services suppliers, e.g. external call centers and data centers, are required to propagate WebID's security requirements throughout the supply chain. They are regularly monitored, reviewed and evaluated whether they still fulfil the requirements. Changes in supplier information security practices and service delivery are managed by WebID Solutions.

For that purpose, WebID Solutions maintains a register of suppliers/subcontractors and their respective agreements to track where the information is managed and/or archived. The registry of suppliers is reviewed in regular intervals, validated and updated to ensure that the agreements are still valid, fit for purpose, and include the relevant information security clauses.

WebID Solutions does not use cloud services for the provision of Video-Ident services.

## 5.3 Personnel Controls

### 5.3.1 Qualification, Experience, and Clearance Requirements

All employees involved in the operation of WebID Solutions' systems and all Identity Verification Specialists, including those of external identification service providers, have appropriate knowledge and experience related to their duties. They must have demonstrated security consciousness and awareness regarding their duties and receive appropriate training in organizational policies and procedures.

Employees involved in identity verification services have signed a confidentiality (non-disclosure) agreement as part of their initial terms and conditions of employment.

Employees in the role of the IT Security Officer are responsible for network and information security and reporting to top management.

Managerial personnel possess professional experience with the services provided and are familiar with security procedures for personnel with security responsibilities.

Personnel in Trusted Roles are held free from conflict of interest that might prejudice the impartiality of operations.

### 5.3.2 Background Check Procedures

All WebID Solutions' employees and all validation specialists and System Administrators employed by external identification service providers involved in identity verification services have passed a background check which, at a minimum, covers the following areas:

- Employment;
- Education;

- Place of residence;
- Criminal background check; and
- References (if available).

The extent to which these investigations are performed is restricted by the applicable local legislation.

Criminal background checks in Germany consist of presenting a criminal record (Führungszeugnis) according to § 30 Bundeszentralregistergesetz. The checks must be clear of records related to trustworthiness.

Background checks in other countries are performed in accordance with local law and the procedures which are common practice in the country in question.

Regular periodic reviews are performed to verify the continuous trustworthiness of all personnel.

### **5.3.3 Training Requirements**

All personnel performing duties with respect to the operation of the WebID Solutions systems and services receives comprehensive training. This also includes persons in management functions. Training is conducted in the following areas:

- security principles and mechanisms,
- use and operation of identity verification equipment and applications,
- job responsibilities including training about validity and authenticity of ID documents,
- incident handling and reporting especially regarding fraudulent attempts during identifications,
- disaster recovery procedures.

WebID Solutions maintains records of all trainings performed.

### **5.3.4 Re-Training Frequency and Requirements**

Retraining is performed to the extent and frequency required to ensure that the required level of proficiency is maintained.

In addition, the identity verification specialists and other staff are trained appropriately if any significant change to systems or processes occurs. This includes regular updates on new threats and current security practices (at least every 12 months).

### **5.3.5 Job Rotation Frequency and Sequence**

No stipulation.

### **5.3.6 Sanctions for Unauthorized Actions**

Appropriate administrative and disciplinary actions are taken in case of unauthorized actions (i.e., not permitted by this TSPS or other policies).

A formal disciplinary process exists and is followed for employees (internal and external) who have violated organizational security policies and procedures.

### **5.3.7 Independent Contractor and external Identification Center Requirements**

WebID Solutions has not planned to employ individual independent contractor personnel to perform identity verifications. If independent contractors are required to support the regular employees they must fulfill the same requirements as regular employees.

External identification centers and their employees of that are involved in identity verification services on behalf of WebID Solutions must fulfill the same requirements as WebID employees.

### **5.3.8 Documentation Supplied to Personnel**

This TSPS, applicable system operations documents, operations procedures documents, and any relevant other documents required to perform their jobs is made available to WebID Solutions' employees.

## **5.4 Audit Logging Procedures**

### **5.4.1 Types of Events Logged**

WebID Solutions keeps audit trails and system log files that document actions taken as part of the identity verification services. All relevant events related to the services provided are logged.

Function, availability and utilization of relevant services and systems are monitored and allow immediate recognition of system failures and incidents. Capacity demands are monitored and allow projections of future capacity requirements to ensure that adequate processing power and storage are available.

Log entries include the following elements:

- date and time of the entry
- serial or sequence number of entry, for automatic journal entries
- identity of the entity making the journal entry
- description/kind of entry
- when external identification service providers are used, data allowing the identification of the external identification service provider.

The identity verification logs include:

- kind of identification document presented by the customer,
- record of unique identification data of identification document (e.g. ID document serial number)
- identity of the identity verification specialist performing the identity proofing.

Furthermore, all relevant events are logged. Such security events include

- a) outbound and inbound network traffic;
- b) activities regarding user administration and permission management, access (including privileged access) to systems and applications;
- c) activities performed with administrator accounts;
- d) assess or changes to critical configuration files and backups;
- e) security relevant logs;
- f) use and performance of system resources;
- g) physical access to facilities, where appropriate;
- h) access and use of network equipment and devices; and

- i) environmental events, where appropriate;
- j) changes relating to the security policy;
- k) system crashes and hardware failures;
- l) firewall and router activities.

Where possible, the security audit logs are automatically collected. Where this is not possible, a logbook, a paper form, or other physical mechanism is used.

#### **5.4.2 Frequency of Processing Log**

WebID Solutions' system and its components are continuously monitored and can provide real time alerts if unusual security and operational events occur and allow an immediate review by system security administrators.

Quality management measures require regular reviews of the audit logs including automatic mechanisms to process the audit logs and verification that the logs have not been tampered with. If any alerts or irregularities are detected in the log data personnel will be alerted and an investigation of the event will be initiated resulting in an analysis of the reported event(s) and an assessment its/their severity. If necessary, WebID Solutions reassess and reclassifies events based on new inputs.

Actions taken based on audit log reviews are also documented.

Audit logs collected by external identification service providers are collected by these service providers and handled according to the service provider's procedures. Because the external identification service providers are obliged to operate in compliance with this TSPS their systems are also continuously monitored and provide real time alerts if unusual events occur.

External identification service providers perform regular reviews of the audit logs including verification that the logs have not been tampered with and including the investigation of any alerts or irregularities detected in the logs.

Incidents that may affect the systems used for operating the identification service must be reported by the external identification service providers to WebID by undue delay and must also be reviewed by WebID's system and security team.

#### **5.4.3 Retention Period for Audit Log**

Records are archived for at least ten years.

This also applies to external identification centers.

#### **5.4.4 Protection of Audit Log**

Procedures are implemented to protect archived data and audit data from destruction or modification prior to the end of the audit log retention period. Audit logs are moved to a safe, secure storage location separate from the component which produced the log. This also applies to external identification centers.

Access to audit logs is restricted to authorized personnel.

#### **5.4.5 Audit Log Backup Procedures**

Audit logs are stored securely and their availability is ensured by appropriate measures. Insofar as system logs of WebID servers are concerned, they are synchronized to a separate location.

#### **5.4.6 Audit Collection System (Internal vs. External)**

Audit data is generated and recorded automatically at the application, network, and operating system level.

Where this is not possible audit data is generated and recorded manually.

#### **5.4.7 Notification to Event-Causing Subject**

No stipulation. Typically, users are not notified about audit events.

#### **5.4.8 Vulnerability Assessments**

WebID Solutions keeps itself informed about possible technical vulnerabilities of all its information systems. WebID Solutions evaluates its exposure to such vulnerabilities and takes appropriate measures if required.

In particular, if suspicious or irregular events occur in the log files WebID's Security Officer initiates a vulnerability assessment.

External identification service providers are obliged to report incidents that may affect the systems used for operating the identification service to WebID without undue delay. The events will be reviewed by WebID's system administration and IT security team. The external identification center's Security Officer will comprehensively support WebID as far as possible in all related matters.

### **5.5 Records Archival**

#### **5.5.1 Types of Records Archived**

At a minimum, WebID Solutions records the following data for archival:

- this TSPS
- contractual obligations
- system and equipment configuration
- modifications and updates to systems or configurations
- all evidences collected during identifications (photos of ID documents and voice recording) including supporting documentation
- audit logs mentioned in section 5.4
- documentation required by compliance auditors.

#### **5.5.2 Retention Period for Archive**

All records except for evidences collected during video identifications and supporting information are archived for at least ten years.

Long term archival of evidences collected during video identifications and supporting information, i.e. identification data according to the requirements of eIDAS, is regulated by contractual agreements with the CAs.

Currently the CA is responsible for archival of identification data and contractually agrees with WebID Solutions on a shorter archive period specified in the contractual agreements.

In this case all person related data is deleted from WebID Solutions' systems after the agreed upon archiving period has expired.

#### **5.5.3 Protection of Archive**

WebID Solutions protects the archive so that only authorized persons in trusted roles are able to access the archive. The archive is stored in a trustworthy system protecting it against unauthorized viewing, modification, deletion, or other tampering. The media holding the archive data and the applications required to process the archive data is maintained to ensure that the archive data can be accessed for the time period defined above.

#### **5.5.4 Archive Backup Procedures**

WebID Solutions performs daily database backups. Full system backups are performed regularly. Once per day an additional backup is written to external media.

#### **5.5.5 Requirements for Time-Stamping of Records**

Electronic time-stamping is not required.

#### **5.5.6 Archive Collection System (Internal or External)**

The archive collection systems are internal.

#### **5.5.7 Procedures to Obtain and Verify Archive Information**

Access to the archive is restricted to personnel in trusted roles.

Information in the archive is verified in regular intervals as described in section 5.4.2.

### **5.6 Key Changeover**

Not applicable. WebID Solutions does not handle CA keys.

### **5.7 Compromise and Disaster Recovery**

WebID Solutions has implemented a disaster recovery and business continuity plan intended to allow restoration of business operations in a reasonably timely manner following interruption to, or failure of, critical business processes.

For emergency and disaster recovery purposes WebID can activate a secondary location (cold site) with all equipment required to perform identity verifications.

WebID has developed an emergency procedure for setting-up video identification in the home-office of the employees assigned to the trusted role Identity Verification Specialist. This emergency procedure for conducting video-identification sessions from the home-offices of the Identity Validation Specialists has been reviewed and accepted by the relevant Conformity Assessment Body.

Furthermore, WebID has contracted external identification centers which are able to provide identification services either as regular service supporting WebID's daily operations or as redundant emergency solution.

#### **5.7.1 Incident and Compromise Handling Procedures, Crisis Management**

Crisis management and incident reporting and response procedures are employed in such a way that damage from security incidents and malfunctions is minimized. The reporting obligations comply with the legislative frameworks (like eIDAS, NIS2, DORA and others) for network and information security incidents, including supervisory authorities and Computer Security Incident Response Teams (CSIRTs). In particular, process for managing and making use of information received from National CSIRT or, where applicable, competent authorities useful for crisis management are implemented.

WebID Solutions has established and maintains effective communication plans that address incident categorization, well-defined escalation procedures, and standardized reporting protocols via the WebID Statuspage (<https://status.webid-solutions.de/>). Using such communication plans WebID Solutions informs customers and contractors about incidents according to the agreed upon communication plans.

These reporting procedures may be used by WebID staff, contractors and customers by submitting incident reports via e-mail or WebID's intranet.

The reporting procedure is communicated to contractors and customers. WebID staff is trained to follow the reporting procedure and to address such incident reports to the suitable point of contact. They ensure that relevant incidents are reported in line with the WebID's procedures.

WebID Solutions has employed staff that possesses the necessary competencies to proficiently detect and respond to security incidents. Personnel in trusted roles is responsible to follow up on alerts of potentially critical security events.

WebID documents all relevant security incidents, including information about the incident detection and the response process.

Backup copies of information and sufficient resources are maintained, including facilities, network and information systems as well as personnel in accordance with risk assessment and business continuity plan.

Backups of essential business information are taken on a regular basis following the procedures of 5.1.6 and 5.1.8. This allows WebID Solutions to resume the identification services in a timely manner in case of incidents or compromise (compare 5.7.2). WebID Solutions tests internal disaster recovery plans and procedures regularly.

At planned intervals the recovery of backup copies and redundancies are tested in order to assure the backup copies' integrity, completeness and accuracy. Corrective actions are taken in case of findings of irregularities. The results of these tests are documented.

Incidents affecting the security or the integrity of WebID's services are reported to the relevant CA(s) and to the supervising authority, and, if applicable, to affected subscribers and third parties, without unnecessary delay (in any case within 24 hours) after WebID Solutions has become aware of the incident by the required means of communication.

WebID Solutions has implemented appropriate controls for maintaining network and information security in crisis situations. WebID Solutions has established mechanisms to detect potential security incidents and to respond accordingly by implementing tools and processes which allow continuous monitoring and logging of all activities on the network and information systems. Among others, function, availability and utilization of relevant services and systems are monitored and allow immediate recognition of system failures and incidents.

WebID has implemented and maintains effective communication plans that include incident categorization, well-defined escalation procedures, and standardized reporting protocols.

Roles, responsibilities and procedures involved in crisis management and incident handling are reviewed and tested in regular intervals and, in addition, after an incident occurred.

After any incident WebID investigates the incident, identifies the root cause(s) of the incident and conducts a post-incident review which might result in measures mitigating the risk of recurrence of similar incidents. It is ensured that each past incident led to a post-incident review. At planned intervals or in the post-incident review process, the crisis management plan is tested and reviewed.

In order to distinguish between incident handling and business continuity management functions WebID has defined clear interfaces between incident handling and business continuity. This separation ensures a coordinated and cohesive responses during incidents.

### **5.7.2 Computing Resources, Software, and/or Data are Corrupted**

WebID Solutions maintains backup copies of its databases and software in order to be able to rebuild business capabilities in case of software and/or data corruption.

In the event of corruption of computing resources, software, and/or data employees immediately report such an occurrence to the Security Officer. The Security Officer invokes the emergency plan if required.

If software or data has been corrupted the affected system is completely wiped to remove any possible remaining causes of the corruption. The system is then restored (after approval) from a clean image.

WebID Solutions serves only as identity service provider and not as a full TSP. Therefore, WebID Solutions has no obligation to store identity data, instead all identity data collected during video identifications is immediately forwarded to the contracted TSPs.

WebIDs databases and configuration files can be restored from images.

### **5.7.3 Entity Private Key Compromise Procedures**

Not applicable. Key compromise must be handled by the CA.

### **5.7.4 Business Continuity Capabilities after a Disaster**

WebID Solutions has created and maintains a business continuity plan so that in the event of a business disruption critical business functions can be resumed.

WebID Solutions maintains a secondary callcenter location geographically separate from the primary location which serves as a disaster recovery facility (see sections 5.1.1 and 5.7). In addition, the external identification centers can serve as emergency callcenters if WebID's primary callcenter is unavailable.

In the event of a disaster requiring permanent cessation of operations from the primary facility, WebID Solutions' management will assess the situation and formally declare a disaster situation, if required.

Once a disaster situation is declared, the restoration of services functionality at the secondary site will be initiated.

The recovery time objective is no greater than 24 hours.

Parallel to the handling of the disaster and the restoration of services the situation is investigated and analyzed in order to find the cause for the disaster situation and, if necessary, implement additional measures to avoid repetition of the disaster.

WebID Solutions conducts at least one disaster recovery test per calendar year to ensure functionality of services at the secondary site. Formal business continuity exercises are also conducted yearly.

## 5.8 CA or RA Termination

Not applicable. WebID Solutions does not operate a CA or RA.

### 5.8.1 Termination of Identification Service

WebID Solutions has implemented a termination plan which defines which actions must be taken in case of termination of services. Among others, the termination plan covers the aspects which entities must be informed about the termination, to whom remaining obligations will be transferred, and who will store relevant data that needs to be retained.

As after termination of services no systems are required to be operational for a longer period of time WebID Solutions will bear the costs for the execution of the termination plan.

## 6 Technical Security Controls

### 6.1 Key Pair Generation and Installation

Not applicable. WebID Solutions does not generate keys.

### 6.2 Private Key Protection and Cryptographic Module Engineering Controls

Not applicable for cryptographic module engineering controls because WebID Solutions does not operate cryptographic modules.

WebID Solutions manages only private keys for its own purposes, in particular for encrypting the applications and data stored on the servers in the third-party datacenter.

For encrypting the communication with the TSP, the TSP has provided an 4096 bit encryption key. Identification data is encrypted with a randomly chosen AES key, the AES key is then encrypted with the public part of the 4096 bit encryption key. Encrypted key and encrypted data are then sent to the TSP.

WebID Solutions keeps the number of personnel authorized to use these keys to a minimum. Unauthorized use is prohibited. The passphrases for these keys are kept secret.

### 6.3 Other Aspects of Key Pair Management

Not applicable. WebID Solutions does not generate and manage keys.

### 6.4 Activation Data

Not applicable. WebID Solutions does not generate and manage keys or cryptographic devices.

### 6.5 Computer Security Controls

A general information security policy document (security policy) is available and has been approved by management. It is published, and communicated, as appropriate, to all employees

and contracted partners affected by it including assessment bodies and supervisory or other regulatory bodies.

Changes to the information security policy are communicated to third parties including customers, relying parties (like the CAs that issue certificates based on the TSPs identification services), assessment bodies, supervisory or other regulatory bodies. In particular, any changes that will impact on the level of security provided are approved by management.

This policy may be supplemented by detailed policies and procedures for personnel involved in identity verification.

The information security policy contains a definition of information security, its overall objectives and scope, and the importance of security as an enabling mechanism for information sharing. It contains a statement of management intent, supporting the goals and principles of information security, and gives an explanation of the security policies, principles, standards, and compliance requirements of particular importance to the organization.

The information security policy lists general and specific responsibilities for information security management, including reporting security incidents, and contains references to documentation which supports the policy. Responsibilities for the protection of individual assets and for carrying out specific security processes are clearly defined. An authorization process for new information processing facilities exists and is followed.

WebID Solutions' management ensures that there is clear direction and visible management support for security initiatives. WebID Solutions' management is responsible for documenting, implementing and maintaining the security policy and coordinates the implementation of information security measures. This includes the security controls and operating procedures for TSP's facilities, systems and information assets providing the services and regular reviews (at least yearly or if significant changes occur) of the information security policy and associated documents like the risk assessment, the inventory of assets, and the TSPS.

The risk assessment is approved by WebID Solutions' management, reviewed regularly and revised if necessary. The management accepts with this approval the residual risks identified in the risk assessment.

WebID Solutions maintains an accurate inventory of assets which supports effective technical vulnerability management and assigns a classification level consistent with the risk assessment (i.e. based on requirements for protecting confidentiality, integrity, authenticity and availability).

The asset inventory contains, when applicable: at least the following information:

- a) a unique asset ID;
- b) an asset description;
- c) the asset owner;
- d) the asset location;
- e) the asset type (e.g. software, hardware, services, facilities, HVAC systems, personnel, physical records);
- f) the type of information processed or/stored in the asset and its information classification;
- g) the date and version of the asset's last update or patch;
- h) the classification level of the asset; and i) the asset's end of life.

WebID Solutions assures that the availability requirements of each asset, or group of assets, classified are aligned with the delivery and recovery objectives as described in the business and disaster recovery plan.

The classification levels of the assets are periodically reviewed.

### **6.5.1 Specific Computer Security Technical Requirements**

All statements of this section apply not only to WebID's systems; they apply to External Identification Centers as well.

WebID Solutions ensures that the systems storing and processing software and data are trustworthy systems protected against unauthorized access.

If WebID Solutions uses a trust service component provided by another party, WebID Solutions ensures that the component interfaces are always used in accordance with the manufacturer's specifications and operating manuals. Therefore, the security and functionality required by the trust service component will always comply with the relevant requirements of the applicable policies and practices of the component provider.

All network and information systems are protected against viruses, malicious, and unauthorized software by means of malware detection and removal software, which is updated at least on a daily basis.

Patches or updates for network security software components or operating system components are applied within a reasonable time after their relevance and applicability has been verified. Reasons for not applying security patches are documented.

All systems are hardened, i.e. all unnecessary user accounts, applications, protocols, and ports are removed or disabled.

Access to systems is restricted to individuals with a valid business reason for such access. General application users have no accounts on production systems. The access control policy applies. User and account management has been implemented. Access rights are granted based on the role concept and the need-to-know principle; the principle of least privilege is applied for all roles. Rights are immediately removed if no longer required. In addition, user accounts, roles, and access rights are regularly reviewed. Particularly, use of system utility programs are restricted and controlled.

All data is stored in encrypted form to protect it against manipulations and unauthorized access.

The network with systems for identity verification is logically separated from other components. This separation prevents network access to critical systems except through defined application processes and network paths. Firewalls are installed to protect the production and management network from internal and external intrusion or other forms of attacks.

Direct access to databases supporting identity verifications and storing customer's identity data is limited to persons in Trusted Roles having a valid business reason for such access.

The workplaces of the identity verification specialists must be physically separated from each other in such a way that the video cameras and microphones of one workplace cannot capture screen images or voices of video conferences at other workplaces. Workplaces are created

with minimum application set-up and user account access rights necessary for operating the identification process.

Bringing personal belongings to the workplaces is prohibited.

### **6.5.2 Computer Security Rating**

The use of evaluated components is not required.

## **6.6 Life Cycle Technical Controls**

### **6.6.1 System Development Controls**

Development systems are separated from production systems.

Within the system development projects for the identification services of WebID Solutions security requirements are reviewed and analyzed to ensure security of WebID Solutions' IT systems for the service.

New software or new applications, releases, modifications and emergency software fixes are installed on production systems only after they have been successfully tested according to the change control policy. Installation of new software or applications prior to approval is not permitted.

### **6.6.2 Security Management Controls**

WebID Solutions documents, implements, monitors, and reviews the configurations of its systems, including security configurations, of hardware, software, services and networks. Configurations are reviewed on a regular basis to verify configuration settings. For example password strengths and assess activities performed are reviewed and evaluated.

The integrity of video conferencing software and database applications are under permanent control through automatic integrity checking mechanisms for detecting unauthorized modification to the software or configuration. WebID Solutions reviews configurations on a regular basis to verify configuration settings, evaluate password strengths and assess activities performed.

After an incident has occurred the involved roles, responsibilities and appropriate procedures are tested and reviewed.

Critical vulnerabilities are addressed within a maximum period of 48 hours after their discovery.

### **6.6.3 Life Cycle Security Controls**

Not applicable for WebID's hardware. The PCs and servers are commercial off-the-shelf products.

System development is done in WebID's development environment, development personnel undergoes background checks before employment.

System configuration is managed through change control mechanisms. Security management controls are applied to ensure that the operational systems and networks adhere to configured security. This includes regular checking of the integrity of the software applications, firmware, and hardware in monthly intervals to ensure their correct operation.

### **6.6.4 Network security controls**

WebID Solutions has installed adequate protection from both inside and outside attacks (firewalls, intrusion detection mechanisms, etc.).

Routing controls are in place to ensure that computer connections and information flows do not breach the access control policy.

Configurations of servers, clients, and all network routing systems including firewalls are regularly checked for compliance with the requirements of this TSPS.

Access to all servers is subject to authentication.

Communication of sensitive information, especially the video conference stream and the identification data submitted to the CA, is always protected through encryption.

Penetration tests are performed on a yearly basis by an independent third party<sup>1</sup> for all of WebID Solutions network components and systems; additional tests are carried out insofar as security-relevant changes have been made. Vulnerability scans are performed by WebID Solutions on a weekly basis or on an ad hoc basis, for example after relevant changes.

Any vulnerability assessed during such scans are fully reviewed and mitigation actions are taken according to the determined impact of the assessed vulnerability, or, in case it is determined that the vulnerability does not require remediation, the factual basis for such decision is documented.

WebID has separated its network into different zones. It uses separate dedicated networks for the administration of its operational IT systems (e.g. databases) and the video identification clients. The communication between the IT systems and zones is limited to the necessary communication regarding the identification process.

All systems relating to the identification process are located in the same secure zone. WebID applies the same security controls to systems which are co-located in the secure zone, for example the change controls, hardening measures and patching procedures are the same for all systems in the same zone.

Systems used for the administration of the security policy implementation are not used for other purposes.

## 6.7 Time-Stamping

Cryptographic time-stamps are not required.

However, database entries about identification sessions contain time and date information. File names of protocols and other relevant records like log files must include at least the date of creation.

Systems synchronize their internal time via ntp protocol. WebID Solutions' ntp server synchronizes with Physikalisch-Technische Bundesanstalt UTC(PDB) once per hour.

## 7 Certificate, CRL, and OCSP Profiles

---

<sup>1</sup> Penetration tests and vulnerability scans are performed by a person or entity with the skills, tools, proficiency, code of ethics, and necessary independence to provide a reliable report.

Not applicable. WebID Solutions does not issue certificates or CRLs and does not operate OCSP responders.

## **8 Compliance Audit and Other Assessments**

WebID Solutions is subject to regular external audits. These include audits pursuant to ETSI EN 319 401, ETSI EN 319 411-1 and ETSI EN 319 411-2 which are required to prove conformity with the regulations made in eIDAS. The external callcenters used for identity verification services are subject of the same audits.

These audits require demonstration of a maximum level of security and conformity to well-recognized policies and practices.

In addition, WebID Solutions performs internal audits as well as audits on contracting external call centers. Topics covered by these audits include checks of proper implementation of applicable policies and extensive checks on the quality of identifications performed and on the quality of collected evidence collected during identifications.

The results of these compliance audits are documented and archived. They may be released at the discretion of WebID Solutions management to compliance auditors and if required by government authorities for the purpose of legal proceedings.

### **8.1 Frequency and Circumstances of Assessment**

According to eIDAS, article 20 (1) compliance audits according to section 8 must be performed at least every 24 months.

Additional assessments are required if substantial changes are made to WebID Solutions' systems, configurations, or processes that might affect the overall security of the services.

### **8.2 Identity/Qualifications of Assessor**

The conformity assessment required by eIDAS is performed by an accredited conformity assessment body.

### **8.3 Assessor's Relationship to Assessed Entity**

Compliance audits must be performed by a public firm that is independent of WebID Solutions.

### **8.4 Topics Covered by Assessment**

The purpose of a compliance audit is to verify that WebID Solutions' and the contracted external identification service providers' components comply with the statements of this TSPS, with the eIDAS regulation, and with the requirements specified in the audit standard under consideration.

Thus, all applicable aspects of this TSPS and all the standards mentioned in section 8 are covered by the compliance audits.

The scope of the ETSI audit includes (but is not limited to) environmental controls, infrastructure and administrative CA controls, network controls, and identity verification processes and procedures.

## **8.5 Actions Taken as a Result of Deficiency**

If significant exceptions or deficiencies are identified during the compliance audit as defined in section 8 this will result in a determination of actions to be taken. This determination will be made by WebID Solutions' management in cooperation with the auditor. WebID Solutions' management is responsible for developing and implementing a corrective action plan.

If it is determined that such exceptions or deficiencies pose an immediate threat identity verification services a corrective action plan must be developed within a period of time agreed upon with the auditor and implemented within a reasonable period of time. For less serious exceptions or deficiencies, the management evaluates the significance of such issues and determines the appropriate actions.

## **8.6 Communications of Results**

No stipulation.

# **9 Other Business and Legal Matters**

## **9.1 Fees**

Fees for the identity verification services are subject to contractual agreements between WebID Solutions and its business partners.

WebID Solutions does not charge a fee for access to this TSPS. Any use other than viewing, such as reproduction, redistribution, modification, or creating derivatives is not permitted.

## **9.2 Financial Responsibility**

For both contractual and non-contractual customers and business partners the regulations of indemnification of German law are binding.

WebID Solutions undergoes regular financial assessments to verify that it has the financial stability and resources required to operate in conformity with this TSPS and the requirements of eIDAS.

### **9.2.1 Insurance Coverage**

WebID Solutions maintains a Professional Liability insurance coverage.

### **9.2.2 Other Assets**

No stipulation.

## **9.3 Confidentiality of Business Information**

### **9.3.1 Scope of Confidential Information**

Confidential information includes any information provided by customers for purposes of identity verification.

### **9.3.2 Information Not Within the Scope of Confidential Information**

Documents and other information in the repository are not considered confidential/private information.

### **9.3.3 Responsibility to Protect Confidential Information**

All of WebID Solutions' personnel and the personnel of the external identification service providers are responsible for protecting the confidential information in their possession in accordance with this TSPS, in accordance with contractual agreements, and in accordance with the German data protection regulations.

## **9.4 Privacy of personal information**

### **9.4.1 Privacy Plan**

All information that allows the identification of customers is protected from unauthorized disclosure.

### **9.4.2 Information Treated as Private**

German statutory data privacy law defines which information must be treated as private.

Further information to be treated as private can be contractually agreed upon.

### **9.4.3 Information not Deemed Private**

Information included in the certificates that are issued by a CA based on identity verifications performed by WebID Solutions is considered not to be private.

### **9.4.4 Responsibility to Protect Private Information**

All employees of WebID Solutions receiving private information are obliged to protect it from compromise and disclosure to third parties.

All employees must adhere to German privacy laws.

### **9.4.5 Notice and Consent to Use Private Information**

Unless otherwise stated in this TSPS WebID Solutions will not use private information without the owner's consent.

### **9.4.6 Disclosure Pursuant to Judicial or Administrative Process**

If disclosure of private information about customers is necessary in response to judicial, administrative, or other legal proceedings the information shall be given only to the requesting authority or the customers themselves.

### **9.4.7 Other Information Disclosure Circumstances**

No Stipulation.

## **9.5 Intellectual Property Rights**

Not applicable. WebID Solutions provides identification services for natural persons. These services do not affect intellectual property rights of other parties.

## **9.6 Representations and Warranties**

### **9.6.1 CA Representations and Warranties**

Not applicable. WebID does not operate a CA.

### **9.6.2 RA Representations and Warranties**

WebID Solutions has overall responsibility for all technical and organizational processes and procedures of its video-ident services.

WebID Solutions warrants that it performs identity verification functions as described in this TSPS even if these functions are performed by subcontracted identity verification callcenters.

WebID Solutions forwards complete, accurate, and verified data about subjects for further processing to the CA.

Retention, archiving, and protection of data are performed according to the stipulations of this TSPS.

Archived subscriber data is protected in compliance with German data protection legislation, All data is stored in encrypted form and accessible only for employees in trusted roles.

All services related to identity verification and all handling of customer data described in this TSPS are performed either by WebID Solution's employees or by the employees of subcontracted identity verification callcenter.

Technical services may be performed by reliable third-party data center personnel. Data center personnel have no access to customer data.

### **9.6.3 Subscriber Representations and Warranties**

Customers warrant that all representations made in the video conference are true,

### **9.6.4 Relying Party Representations and Warranties**

Not applicable. WebID Solutions does not issue certificates and has no contact with relying parties.

### **9.6.5 Representations and warranties of other participants**

Not applicable. There are no other participants involved in WebID's identification services

## **9.7 Disclaimers of Warranties**

Disclaimers of warranties are regulated in the contractual agreements with the CAs.

## **9.8 Limitations of Liability**

Limitations of Liability are subject to contractual agreements between WebID Solutions and its business partners. In any case, limitations of liability contained in WebID Solutions' General Terms and Conditions (available at <https://webid-solutions.com/de/agb/> and <https://webid-solutions.com/en/conditions/>) shall apply. Limitations of Liability as specifically agreed on in each individual case, where applicable, remain unaffected.

## **9.9 Indemnities**

The regulations of indemnification of German law are binding.

### **9.9.1 Indemnification by Subscribers**

To the extent permitted by applicable law, customers and CAs issuing qualified certificates based on the identity verification performed by WebID Solutions may be required to indemnify WebID Solutions for:

- submitting false facts or misrepresenting facts on the customer's identity,
- failure to disclose a material fact on the identity verification with intent to deceive any party,
- failure to protect the customer's private data, use of an untrusted system, or to otherwise take the precautions necessary to prevent the compromise, loss, disclosure, modification, or unauthorized use of the customer's private data.

## **9.10 Term and Termination**

### **9.10.1 Term**

The TSPS becomes effective upon publication on WebID Solutions' web site. Amendments to this TSPS become effective upon publication.

### **9.10.2 Termination**

This TSPS is amended from time to time and shall remain in force until it is replaced by a new version.

### **9.10.3 Effect of Termination and Survival**

Despite the fact that this TSPS may eventually no longer be in effect, the following obligations and limitations of this TSPS shall survive: section 9.6 (Representations and Warranties), section 9.2 (Financial Responsibility), and section 9.3 (Confidentiality of Business Information).

## **9.11 Individual notices and communications with participants**

Not applicable. Communication with subscribers to the TSP's CA services is in the CA's responsibility.

## **9.12 Amendments**

### **9.12.1 Procedure for Amendment**

Amendments to this TSPS may be made by WebID Solutions' management. Amendments shall either be in the form of a document containing an amended form of the TSPS or an update. Amended versions or updates shall be published in the repository.

### **9.12.2 Notification Mechanism and Period**

When relevant changes are intended to be made to this TSPS, WebID Solutions will inform the CAs for which WebID acts as subcontractor, WebID's customers (e.g. banks), if required, and the assessment body (see section 8.2). If required also the supervisory authority will be informed.

There is no need to inform certificate applicants and relying parties. Certificate applicants must accept the (new) TSPS during the identification process. Relying parties have no relationship with WebID Solutions; for relying parties only the CA's TSPS is relevant.

### **9.12.3 Circumstances under Which OID Must be Changed**

Not applicable.

## **9.13 Dispute Resolution Provisions**

WebID Solutions only provides identity verification services in order to support the registration authorities of the CAs that issue the certificates. WebID Solutions has no contractual agreements with end-users or relying parties.

For disputes with end-users and relying parties the dispute resolution procedures of the issuing CAs apply.

Complaints regarding WebID Solutions' services can be submitted to [datenschutz@webid-solutions.de](mailto:datenschutz@webid-solutions.de).

## **9.14 Governing Law**

Applicable law is the law of the Federal Republic of Germany.

## **9.15 Compliance with Applicable Law**

This TSPS is subject to applicable national law, in particular the eIDAS regulation.

In particular, WebID Solutions has created appropriate policies and takes corresponding measures to manage legal, business, operational and other direct or indirect risks to the provision of identity proofing services, including at least measures related to the following:

- (i) registration and on-boarding procedures for a service;
- (ii) procedural or administrative checks;
- (iii) the management and implementation of services;

Evidence that the video ident procedures which WebID Solutions applies and which are described in this TSPS is given through this TSPS and the results of the conformity assessment which has been performed by an accredited Conformity Assessment Body.

In particular, this applies to the requirements stated in "Verfügung gemäß § 11 Absatz 1 VDG" published in "Mitteilung Nr. 208/2018" and "Vfg Nr. 118/2021" of the „Amtsblatt der Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen“.

## **9.16 Miscellaneous provisions**

### **9.16.1 Entire agreement**

Not applicable.

### **9.16.2 Assignment**

Not applicable.

### **9.16.3 Severability**

If parts of any of the provisions in this TSPS are incorrect or invalid, this shall not affect the validity of the remaining provisions until the TSPS is updated. The process for updating this TSPS is described in section 9.12.

#### **9.16.4 Enforcement (Attorneys' Fees and Waiver of Rights)**

Not applicable for WebID's services.

#### **9.16.5 Force Majeure**

The WebID Solution GmbH shall not be responsible for any breach of warranty, delay, or failure in performance under this TSPS that result from events beyond its control, such as strike, acts of war, riots, epidemics, power outages, fire, earthquakes, and other disasters.

#### **9.17 Other provisions**

No stipulation.