Issued

Glossary of Terms

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Executive summary

This document describes the specialised terms used within *tScheme* documentation, publications and on the *tScheme* website.

DOCUMENT HISTORY

Status	Release	Date	Comment	Approved
tSi	1.00	2001-08-17	First issue of the document	CEO
tSd	2.00	2002-09-09	The following terms have had their definitions materially modified: • Accreditation • Accreditation Body • Approval • Approved • Recognition (now renamed Assessor Recognition) The following new terms have been defined: • Assessor's Component Description • Assessor's Service Definition • C3A • CSA • Electronic Trust Service Component • Grant • Grant of Approval • Grant of *tScheme*-Ready Status • Operational {Service} • Public Component Description • Public Service Description • S3CA • Service Component • Service Component Subject to Assessment • Specification of Service Component Subject to Assessment • Trust Service Component • Trust-enabled Service • *tScheme*-Ready • *tScheme*-Ready Component The following term is now obsolete: • Service Definition Additional para in §1.1 to establish this as a definitive document and required reading	*tScheme* Board
tSd	2.01	2008-08-05	The following new terms have been defined: • Component Supplier • Electronic Trust Service Component Supplier	*tScheme* Secretariat
tSd	2.02	2009-08-07	Add terms for new IdP Profile set The following new terms have been defined: • Authentication Broker • Authentication data • Authentication information • Credential • Credential authentication • Credential validation • Credential Validation Service • Credential Validation Service Provider • Documentation	*tScheme* Secretariat

Status	Release	Date	Comment	Approved
			- Electronic identity - End user - Identity authentication - Identity Provider - Identity Registration Service - Identity Registration Service Provider - Identity Service Provider - Identity Services - IdP - Impact - Impact Level - Proxy - Real-world identity - Recognised Verification Requirements - Registrant - Registration information - RVR - Scheme - Token - Validate - Verify The following terms have had their definitions modified slightly to improve consistency: - Approval - Approval Profile - Approved - Assessment - Assessment Report - Assessor Recognition - Assessor's Component Definition - Assessor's Service Definition - Grant - Grant of Approval - Grant of tScheme-Ready Status - Registered Applicant *tScheme*-Ready	
tSd	2.03	2009-09-15	Ratified by board to align with new IdP Profiles	*tScheme* Board

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1.   INTRODUCTION

1.1   Purpose

This document describes the specialised terms used within *tScheme* documentation, publications and on its Web site. It also acts as a repository for any new and specialised terms which merit recognition in the context of *tScheme*.

This is a definitive *tScheme* document which is required reading for those actively participating within the assessment and approval processes.

1.2   Readership

Providers and users of electronic trust services, suppliers and users of electronic trust service components, and other parties wishing to obtain maximum understanding of *tScheme*'s documents, publications and website.

Authors and editors of *tScheme* documentation who wish to ensure consistent use of specialised terms within *tScheme* material.

1.3   Overview

tScheme employs its own specialised use of terms. The Memorandum, Articles and Rules, Approval Profiles and other Definitive documents create a vocabulary that, while in itself internally self-consistent, is easily capable of misuse to the confusion of readers and listeners. This Glossary of Terms provides a guide to the correct usage.

Where the singular is used this is intended to include the use of the plural, unless the wording specifically excludes the possibility. Hence, for example, 'Approved Service' and 'Service Subject to Assessment' may equally be 'Approved Service*s*' and 'Service*s* Subject to Assessment', respectively.

Inevitably, the rapid evolution of any ground-breaking entity such as *tScheme* results in corresponding developments in its vocabulary. Words and phrases come and go and modify in meaning as understanding improves. This Glossary accommodates such changes by:
> recording in Document History which terms have been added, which existing terms have been redefined and which terms have been deleted;
> indicating by means of italics which entries are obsolescent even though still found in extant *tScheme* documents (apart, obviously, from its usage in the name of the scheme).

The aim is to increase clarity and understanding.

The Glossary is subject to regular review to maintain its currency. Anyone wishing to report a flaw or to add a new entry should contact the *tScheme* Secretariat.

2. TERMS

Bold text within definitions indicates that the word or phrase is defined within the Glossary.

Italicised text indicates a term that is obsolescent and hence not to be used for new documents – apart from the specific usage in *tScheme*, which is the trademark used by the scheme.

Numbering preceding the terms is for maintenance purposes only (serving to ensure non-circularity within the Glossary's contents) and should be ignored by all save those responsible for editing the document.

600	Accreditation	The formal recognition by an authoritative body that an organisation is competent to perform **Assessments** against **Approval Profiles**.
700	Accreditation Body	An authoritative body that conducts and administers an **Accreditation** system and grants **Accreditation**. In the UK, this is the United Kingdom Accreditation Service (UKAS).
800	Accredited Assessor	A body that has been granted an **Accreditation** by an **Accreditation Body**.
1300	Approval	The formal recognition process by *tScheme* of a **TSP**'s application for the issuance of a **Grant of Approval**.
100	Approval Profile	A collection of expressed criteria that an **Electronic Trust Service** and its provider must satisfy in order to operate according to current best industry practice for the class of service to which it pertains, as accepted by the information security industry.
1100	Approved	The status of an **Electronic Trust Service** that has been subjected to an **Assessment** by a *tScheme*-**recognised Assessor** and, when operated by its named provider, meets the requirements of one or more named **Approval Profiles** and other express criteria.
1310	Approved Service	An **Electronic Trust Service** that has been awarded, and continues to be subject to, a current **Grant of Approval**.
500	Assessment	The investigation and analysis of an **Electronic Trust Service** and its provider or of an **Electronic Trust Service Component** and its supplier against the criteria specified in one or more **Approval Profiles**.
1320	Assessment Report	A written report, produced by a *tScheme*-**recognised Assessor**, that describes the results of an **Assessment** and which an applicant **Provider** must present to *tScheme* in support of its application for the **Grant of Approval** of the subject **Service** or for recognition of the *tScheme*-**Ready** status of the subject **Service Component**.
1110	Assessor	An abbreviation for *tScheme*-**recognised Assessor** or an individual representative thereof - not recommended out of context.

900	Assessor Recognition	The process by which an **Accredited Assessor** contracts with **tScheme Limited** so as to be permitted to perform **Assessments** based upon *tScheme*'s **Approval Profiles**.
610	Assessor's Component Definition	A precise definition of an **Electronic Trust Service Component**, its constituent parts and its internal functions, suitable for an assessor to identify and scope the component for the purpose of an **Assessment**. It provides information beyond the extent of that found in the **Public Component Definition** that an assessor would need to know about the component in order to effectively conduct the **Assessment**.
620	Assessor's Service Definition	A precise definition of an **Electronic Trust Service**, its constituent parts and its internal functions, suitable for an assessor to identify and scope the service for the purpose of an **Assessment**. It provides information beyond the extent of that found in the **Service (Certification) Policy**, **Service Practice Statement** and **Service Policy Disclosure Statement** that an assessor would need to know about the service in order to effectively conduct the **Assessment**.
510	Authentication Broker	A service whereby the **credential authentication** phase of an **End User** access request is provided on behalf of one or more relying parties.
630	Authentication data	Information passed to a **Credential Validation Service Provider** by the relying party or by the **Authentication Broker**, as appropriate, during the process of **credential authentication.**
640	Authentication information	Information that needs to be passed to a **Credential Validation Service Provider** by the relying party or by the **Identity Provider Service**, as appropriate, on initial registration of the **End User** and on subsequent change.
810	C3A	See **Specification of Service Component Subject to Assessment** (the acronym is chosen for its phonic association with 'S3A' in preference to using the strict abbreviation which would possibly be S3CA).
200	Certificate Policy	The **Service Policy** for a certification authority.
300	Certification Practice Statement	The **Service Practice Statement** of a certification authority.
520	Component	An abbreviation for **Electronic Trust Service Component** – not recommended out of context.
650	Component Supplier	An abbreviation for **Electronic Trust Service Component Supplier** – not recommended out of context.
210	Credential	Electronic data that links: − a given **electronic identity**; − optionally, additional attributes relating to the subject, the credential provider and/or the credential; and − an authentication mechanism by which the subject can demonstrate their ownership of the credential.
400	Credential authentication	The interaction with the **End User** to determine whether a **credential** represents a claimed **electronic identity** that is still valid. This includes **credential validation**.

310	Credential validation	The process whereby checks are performed to determine whether a **credential** represents a valid claimed **electronic identity**.
410	Credential Validation Service	An **Electronic Trust Service** used by a relying party to perform **Credential validation** on an **End User**.
530	Credential Validation Service Provider	A body operating or offering one or more **Credential Validation Services**.
710	CSA	See **Service Component Subject to Assessment**. (the acronym is chosen for its phonic association with 'SSA' in preference to using the strict abbreviation).
220	Documentation	Physical or electronic data used to provide evidence to support either a claimed **real-world identity** or an additional attribute to be linked to an **electronic identity**.
110	Electronic identity	A name or similar identifier that can be used in electronic transactions and that is capable of being linked to a **real-world identity**.
010	Electronic Trust Service	A service that enhances trust and confidence in electronic transactions, typically but not necessarily using cryptographic techniques or involving confidential material.
420	Electronic Trust Service Component	A service-related offering intended for use within an **Electronic Trust Service**, but whose scope does not fulfil all of the applicable **Approval Profile** criteria. An Electronic Trust Service Component is not capable, nor is it intended to evolve to become capable, of being offered as a stand alone **Operational Service**. When deployed, it is always as part of an encompassing **Service.**
540	Electronic Trust Service Component Supplier	A body operating or offering one or more **Electronic Trust Service Components**.
120	Electronic Trust Service Provider	A body operating or offering one or more **Electronic Trust Services**.
320	End User	The individual who is using a **credential** to support an **Electronic identity** in order to gain access to an online service.
1330	Grant	Either a **Grant of Approval** or a **Grant of *tScheme*-Ready Status**, as the context dictates (used when it is not necessary to be specific as to which is meant).
1200	Grant of Approval	The result of a formal recognition by *tScheme* that a named **Electronic Trust Service** is **Approved** and that its named provider has contracted with **tScheme Limited** in regard to the future provision of the service.
1210	Grant of *tScheme*-Ready Status	The result of a formal recognition by *tScheme* that a named **Electronic Trust Service Component**, intended for use within an **Electronic Trust Service**, is *tScheme*-**Ready** and that the named supplier has contracted with **tScheme Limited** in regard to its future supply of the named **Component**.
660	Identity authentication	The procedure used by an **Identity Service Provider** to **validate** and **verify** a **registrant**'s **real-world identity**.

330	Identity Provider	An **Electronic Trust Service** that allocates unique **electronic identities** to users of the service and provides **credentials** to enable relying parties to authenticate a user against their assigned **electronic identity**.
730	Identity Registration Service	An **Electronic Trust Service** that carries out **Identity authentication** on behalf and **Identity Provider** service.
820	Identity Registration Service Provider	A body operating or offering one or more **Identity Registration Services**.
430	Identity Service Provider	A body operating or offering one or more **Identity Services**.
340	Identity Services	**Electronic Trust Services** that create, support and/or manage **credentials** to enable users to participate in electronic transactions.
440	IdP	See **Identity Provider**
020	Impact	Adverse change to the level of business objectives achieved.
130	Impact Level	The **impact** of compromise is measured here on a four-point scale of **impact**, where Impact Level 0 (IL0) represents a negligible impact of compromise and Impact Level 3 (IL3) represents a significant **impact** of compromise.
350	Member	A body or individual currently subscribing to **tScheme Limited**, whether an **Electronic Trust Service Provider** or not, who enjoys rights and undertakes duties as defined under *tScheme*'s constitution.
355	Operational {Service}	An **Electronic Trust Service**, having a **Service Policy**, a **Service Practice Statement** and a **Service Policy Disclosure Statement,** and which is deployed, staffed and ready to accept custom from the community of customers defined in the **Service Policy**. The service fulfils all of the criteria listed as being mandatory within a specified set of **Approval Profiles**.
360	PKI[1] Disclosure Statement	The **Service Policy Disclosure Statement** of a certification authority.
230	Profile	An abbreviation for **Approval Profile** – not recommended out of context.
240	Provider	An abbreviation for **Electronic Trust Service Provider** – not recommended out of context.
670	Proxy	An individual who registers on behalf of the **registrant** whose **real-world identity** is being **validated** and **verified**.
550	Public Component Description	A concise and accurate description of the scope and content of an **Electronic Trust Service Component,** which is suitable for public release.
140	Public Service Description	A concise and accurate description of the scope and content of an **Electronic Trust Service,** which is suitable for public release.
030	Real-world identity	A set of attributes (e.g. name, date of birth, physical characteristic) which together uniquely identify an individual.

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[1] Public Key Infrastructure - the technical means for assuring the correct attribution of public keys to individuals during the use of asymmetric key cryptography.

290	Recognised Verification Requirements	Document that lays down the minimum registration requirements that are appropriate to a particular relying party or community of relying parties. Such documents have been assessed and recognised by *tScheme* as being capable of being used as an 'External standard or guideline' as defined in *tScheme*'s Required Assessment Procedures [RAP]. The current list of these documents is maintained on the *tScheme* website (see *http://www.tscheme.org/*).
1340	Registered Applicant	*Either*: a **Trust Service Provider** that has established a plan for the **Assessment** of one or more **Electronic Trust Services** and entered into an agreement with **tScheme Limited** to subscribe to the *tScheme* Code of Conduct for the duration of its assessment programme and to meet a timetable of events that leads to a **Grant of Approval**,
		Or: a supplier that has established a plan for the **Assessment** of one or more of **Electronic Trust Service Components** and entered into an agreement with **tScheme Limited** to subscribe to the *tScheme* Code of Conduct for the duration of its assessment programme and to meet a timetable of events that leads to the **Grant of *tScheme*-Ready Status**.
450	Registrant	The individual who is registering with the **Identity Provider** in order to gain the means for transacting electronically.
560	Registration information	This is the **documentation** required by the relevant **Recognised Verification Requirements** to support the claimed **real-world identity**. It does not cover any other, supplementary information required by the **Identity Service Provider** when providing the service to the **registrant**.
365	RVR	See **Recognised Verification Requirements**
830	S3A	See **Specification of Service Subject to Assessment**
460	Scheme	A closed community of **Trust Service Providers**, relying parties and **End Users** with a governance structure controlling applicable policies that all parties agree to abide by and enforced by contract.
150	Service	An abbreviation for **Electronic Trust Service** – not recommended out of context.
570	Service Component	An abbreviation for **Electronic Trust Service Component** – not recommended out of context.
680	Service Component Subject to Assessment	The specific **Electronic Trust Service Component** that a supplier wishes to submit for **Assessment** - often abbreviated to "**CSA**".
160	Service Policy	The named set of rules that indicate the applicability of an **Electronic Trust Service**'s deliverables to a particular community and/or class of applications with common security requirements.
250	Service Policy Disclosure Statement	A statement of aspects of an **Electronic Trust Service** most important to an **Electronic Trust Service Provider**'s subscribers and relying parties, in a form that is unambiguous and conspicuous to them, albeit expressed in terms specific to the technology area.

260	Service Practice Statement	A statement of the practices that an **Electronic Trust Service Provider** employs in providing its **Electronic Trust Service.**
690	Service Subject to Assessment	The specific **Electronic Trust Service** that a **Trust Service Provider** wishes to submit for **Assessment** - often abbreviated to "**SSA**".
740	Specification of Service Component Subject to Assessment	A description of the **Service Component Subject to Assessment**, its **Assessor's Service Definition** and the relevant **Approval Profiles** against which the supplier wishes to have performed an **Assessment** of its **Component** - often abbreviated to "**C3A**".
750	Specification of Service Subject to Assessment	A description of the **Service Subject to Assessment**, its **Public Service Description**, **Assessor's Service Definition** and the relevant **Approval Profiles** against which the **Trust Service Provider** wishes to have performed an **Assessment** of its **Service** - often abbreviated to "**S3A**".
760	SSA	See **Service Subject to Assessment**.
370	Token	Any handheld device that is able to hold a **credential** in a secure manner e.g. a smartcard.
180	Trust Service	An abbreviation for **Electronic Trust Service** – not recommended out of context.
580	Trust Service Component	An abbreviation for **Electronic Trust Service Component** – not recommended out of context.
270	Trust Service Provider	An abbreviation for **Electronic Trust Service Provider** – not recommended out of context but frequently used, abbreviated further to "**TSP**".
1410	Trust-enabled Service	A specific business-focused service delivering added-value which employs only **Approved Services** for the trust services on which it is based and which has had its usage of those **Approved Services** judged by a *tScheme*-**recognised Assessor** as being properly integrated, operated and managed in the context of those services and which has been subsequently awarded and continues to be subject to a current **Grant of Approval.** Such an approval does not endorse the correctness or suitability of the Trust-enabled Service *per se*, only its use of the specified **Approved Services**. *NB – tScheme does not at the time of issue of this Glossary provide a process leading to formal recognition of Trust-enabled Services.*
170	*tScheme*	The self-regulatory scheme for **Electronic Trust Services**.
280	tScheme Limited	The not-for-profit limited company, registered in the United Kingdom, which owns and operates *tScheme* and owns all rights in the *tScheme* name and all related material.
1420	*tScheme* Mark	The graphic device that may be associated only with an **Approved Service** as an indication of its **Grant of Approval**.

1120	*tScheme*-Ready	The status of a **Electronic Trust Service Component** that has been subjected to an **Assessment** by a *tScheme*-**recognised Assessor** and, when operated by its named supplier, meets all of a subset of the applicable requirements of one or more named **Approval Profiles** and other express criteria.
770	*tScheme*-Ready Component	An **Electronic Trust Service Component** that has been, and continues to be, recognised as having *tScheme*-**Ready** status.
1000	*tScheme*-recognised Assessor	An **Accredited Assessor** who has been through the process of **Assessor Recognition** and which carries out **Assessments.**
380	TSP	See **Trust Service Provider**
390	Validate	Demonstrate that a claimed **real-world identity** exists (i.e. that a person, who has certain attributes, exists) and that presented **documentation** is genuine.
590	Verify	Demonstrate that the **registrant** is who they claim to be (i.e. that the person purporting to hold these attributes is not impersonating the actual owner of the **real-world identity**).

3. REFERENCES

[RAP]   tSd0244 - Required Assessment Procedures