Trust

Trustworthiness

 Trusted

Certification / Assessment is a spectrum

GAFAT
Websites | Apps

- Self Asserted
- Basic Check
- Self Certified
- Independent Verification
- Independently Assessed System
- Independently Assessed Services

Physical

Automated

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Independent assessment of Services

Trust Framework | Scheme

tScheme Profiles and Process

Identity Service
- Service elements
- Rules of the road
- Controls

PKI Network | Service
- Service elements
- Rules of the road
- Controls

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Modular Profiles for configurability

Identity Profiles
- Identity Provider
- Identity Registration
- Credential Management
- Credential Verification | Authentication
- Attribute Registration
- Physical Token Issuance

PKI Profiles
- Certification Authority
- Registration
- Certificate Generation
- Certificate Dissemination
- Certificate Status Management
- Certificate Status Validation
- Signing Key Pair Management (optional)

Profiles provide the scaffolding or chassis for the rules of the road and controls to be plugged into
The Approval journey

Select required tScheme Profiles for Trust Framework | Scheme

Select Independent UKAS approved Assessor

Agree Outline Specification of Service S3A

Apply for Registered Applicant Status Timescales | S3A

Registered Application Status

Work with Assessor towards final audit

Clarifications

Final Audit

Final Audit Report and Quality Assurance

tScheme Board

tScheme Approved

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Approval Journey - Headlines

Can be completed within 3 months, can take longer

Incremental costs along the way

- tScheme fees
- Assessor fees

Assessors are UKAS approved - must be a legal entity
minimum of two individuals required
Building and Maintaining tScheme Profiles

Profiles and Process Committee

Independent Assessor Feedback

Independent | Expert | Proactive | Stable
Gather > Develop > Test > Update > Approve > Publish > Adopt > Manage

Market Requirements
New Services

Independent Assessor Feedback
Improvements | New Profiles

Regulation & Legislation
GDPR | PSD 2 | AML 4

Approved Services
New Features | Changes

Threat Vectors
Current and Emerging
Legislation | Legislation
Automation | AI
TSP’s | ASP’s

Societal Trends
Trust | Security | Privacy
Inclusion | Portability
Person Centred Design

Market Trends
Attribute Exchange
Open API’s
Transparency | Portability

Technology Trends
Automation | AI
Blockchain | Distributed
Ledgers | Biometrics
Elliptic curve cryptography

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tScheme approval easier to get if you have..

**ISO 27001 Certification** is an auditable Information Security Management System and mechanism of selecting a control, defining how you inspect it and how you correct it where the control is not being followed or is not working as expected.

**ISO 9000 Certification** is a means of demonstrating why an organisation's service is of a given quality which in of itself can feed into the evidence for an assessment / audit against the tScheme profiles.

**tScheme profiles** are written as a set of controls and a chassis to enable assessment of a service against these controls to ensure they deliver the expected levels of service and trust.
Summary - tScheme ......

Is used where high levels of trust are required
is trusted, independent and available now
profiles can be applied to any Trust Framework or Scheme
can develop new profiles for new requirements
approval is open to any organisation | service
assessors are independent and we are seeking more……
has been delivering means to establish trust since 2000
tScheme is growing and changing.....

Growth: Demand for Trust in Digital Economy