Certificate

This is to certify that

Google LLC, Europe cloud region, Europe

has participated in the GSM Association Security Accreditation Scheme for Subscription Management (SAS-SM) and satisfied the scheme's requirements.

This certificate remains valid until the end of June 2023*.

Alex Sinclair
Chief Technology Officer
GSMA

* Dependent on continued supporting site certification (currently valid to end June 2023)

Check certificate validity: A list of accredited sites is published on the GSM Association website at www.gsma.com/sas/

Security Accreditation Scheme

Accredited Supplier

Scope of Certification

To be viewed as part of Security Accreditation Scheme Certificate No: GE-EU-SM-0623

Production Site: **Google LLC**

Site Address: **Google LLC data centres listed on page 3.**

Supporting site(s) details: **Type: Headquarters. Google LLC, Googleplex, 1600 Amphitheatre Parkway, Mountain View, California, 94043, USA. Expiry date: June 2023**

The auditors were provided with appropriate evidence that the processes and controls on the audit dates were consistent with those required by the SAS-SM Standard v3.1 and the SAS Consolidated Security Requirements and Guidelines v8.0, with the following scope:

Subscription Management – Data Preparation:	Out of scope	**Subscription Management – Secure Routing:**	Out of scope
Data Centre Operations and Management	Within audit scope for cloud hosting	**Subscription Management – Data Preparation+ (ref. SGP.22):**	Out of scope
Subscription Management – Discovery Service	Out of scope		

Notes & Exclusions: This certification (for Data Centre Operations and Management) excludes any management of SM applications or SM application data.
This audit used a data centre and service sampling approach. The audit team is satisfied that this approach has provided sufficient assurance of the cloud region's compliance with the SAS requirements.
Due to the Covid-19 pandemic travel restrictions, part of the audit was performed remotely in accordance with the GSMA SAS Covid-19 Audit and Certification Policy. This did not impact the ability of the auditors to assess the full scope of compliance.

For and on behalf of NCC Group
(Kent Quinlan)

For and on behalf of SRC GmbH
(Tom Schubert)

Google LLC data centres included within the scope of certificate GE-EU-SM-0623:

Dublin, Ireland	Frankfurt (2), Hesse, Germany	Ghlin, Hainaut, Belgium	London (5), United Kingdom	Paris (3), France
Eemshaven, Groningen, the Netherlands	Frankfurt (4), Hesse, Germany	Hamina, Finland	London (6), United Kingdom	Warsaw (1), Poland
Eemshaven, Groningen, the Netherlands (GRQ23)	Frankfurt (5), Hesse, Germany	London (1), United Kingdom	Middenmeer, Noord-Holland, the Netherlands	Warsaw (2), Poland
Frankfurt (1), Hesse, Germany	Frankfurt (6), Hesse, Germany	London (2), United Kingdom	Paris (1), France	Zurich, Switzerland
	Frankfurt (7), Hesse, Germany	London (3), United Kingdom	Paris (2), France	
	Frankfurt, Germany (FRA56)	London (4), United Kingdom		

Google LLC services included within the scope of certificate GE-EU-SM-0623:

Access Approval	Cloud Asset Inventory	Cloud Life Sciences (formerly Google Genomics)	Container Registry	Network Intelligence Center
Access Context Manager	Cloud Bigtable	Cloud Load Balancing	Data Catalog	Network Service Tiers
Access Transparency	Cloud Billing	Cloud Logging	Database Migration Service	Notebooks
AI Platform Data Labeling	Cloud Build	Cloud Monitoring	Dataflow	Persistent Disk
AI Platform Neural Architecture Search (NAS)	Cloud CDN	Cloud NAT (Network Address Translation)	Datalab	Pub/Sub
AI Platform Training and Prediction	Cloud Composer	Cloud Natural Language API	Dataproc	reCAPTCHA Enterprise
Anthos Config Management	Cloud Console	Cloud Profiler	Datastore	Recommender
Anthos Identity Service	Cloud Console App	Cloud Router	Dialogflow	Resource Manager API
Anthos Service Mesh	Cloud Data Fusion	Cloud Run	Document AI	Risk Manager
API Gateway	Cloud Data Loss Prevention	Cloud Run for Anthos	Eventarc	Secret Manager
Apigee	Cloud Debugger	Cloud Scheduler	Google Cloud Armor	Security Command Center
App Engine	Cloud Deployment Manager	Cloud Shell	Google Cloud Identity-Aware Proxy	Service Directory
Artifact Registry	Cloud DNS	Cloud Source Repositories	Google Cloud SDK	Service Infrastructure
Assured Workloads	Cloud Endpoints	Cloud Spanner	Google Cloud Storage	Speech-to-Text
AutoML Natural Language	Cloud External Key Manager (Cloud EKM)	Cloud SQL	Google Kubernetes Engine	Storage Transfer Service
AutoML Tables	Cloud Filestore	Cloud Tasks	Hosted Private HSM (BYO HSM)	Text-to-Speech
AutoML Translation	Cloud Functions	Cloud Trace	Hub	Traffic Director
AutoML Video	Cloud Functions for Firebase	Cloud Translation	Identity & Access Management (IAM)	Transfer Appliance
AutoML Vision	Cloud HSM	Cloud Vision	Identity Platform	Vertex AI
BeyondCorp Enterprise	Cloud IDS (Cloud Intrusion Detection System)	Cloud VPN	Key Access Justifications (KAJ)	Video Intelligence API
BigQuery	Cloud Interconnect	Compute Engine	Managed Service for Microsoft Active Directory (AD)	Virtual Private Cloud
BigQuery Data Transfer Service	Cloud Key Management Service	Connect	Memorystore	VPC Service Controls
Binary Authorization		Contact Center AI (CCAI)		Web Risk API
Certificate Authority Service				Workflows