





Certificate

This is to certify that

Shanghai Chengtian Smart Card Co., Ltd, Shanghai, China

has participated in the GSM Association Security Accreditation Scheme for UICC Production (SAS-UP) and satisfied the scheme's requirements.

This certificate remains valid until the end of August 2019.

Alex Sinclair Chief Technology Officer GSMA







Scope of Certification

To be viewed as part of Security Accreditation Scheme Certificate No: CN-SH-0819

Production Site: Shanghai Chengtian Smart Card Co., Ltd

Site Address: 1st floor, Building B, No.399. Jianyun Road, Zhoupu Town, Pudong New District, Shanghai,

201318 China

This site was audited against the requirements of v8.0 of the SAS-UP Standard and v2.0 of the SAS Consolidated Security Requirements, with the following scope:

Generation of data for personalisation: Not carried out at this site Personalisation: Within audit scope (card form factor UICCs)

Management of PKI certificates: Not carried out at this site Post-personalisation packaging: Within audit scope (card form factor UICCs)

Outsourcing: No activities are outsourced for this site

These activities were outsourced and not subject to review by the auditors

Exclusions:

These activities were excluded from the scope of the audit

This certificate applies specifically to the first-floor production facility of Building B at CTWY's premises at 399 Jinayun Road, Zhoupu Town, Pudong New District, Shanghai. Any other UICC production facility at this premises is not included.

The auditors were provided with appropriate evidence that the processes and controls on the audit dates were consistent with those required by the SAS-UP Standard.

For and on behalf of FML

(James Messham)

For and on behalf of ChaseWaterford

(Max Kennett)

SAS certification is awarded based on an assessment by the audit team that the site met the requirements of the SAS Standard during the audit, and that it demonstrated an ability and intent to sustain compliance during the certification period. Continued site compliance with the SAS Standard during the certification period, including the implementation of SAS-compliant controls following any changes to the certified environment, is the responsibility of the site. This certificate cannot guarantee that the above organisation is invulnerable to attack or breaches of security. GSMA, FML and ChaseWaterford exclude all liability for loss or damage of any description caused by any failure or breach of the above organisation's security save as may be required by law.