

ID2020 Certification Report

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Date: 2019-12-28

Applicant	Gravity.Earth
Receipt Date of Application	2019-08-09
Solution Name	Gravity Cloud Platform
Summary Description (from application)	<p>Gravity.Earth is a decentralized cloud platform through which individuals can easily receive, store, and share verifiable data in a secure wallet that they control. It enables the creation of private and trusted digital identities that helps individuals unlock opportunities in a variety of cases.</p> <p>Through Gravity's platform, small businesses in Kenya can leverage their data trail from mobile operators, suppliers and others to access more customised loans products. It is also being used to enable refugees to create profiles about their skills and programme participation.</p> <p>These improve access to livelihood opportunities and help humanitarian organisations coordinate better. The platform is a key enabler of identity transactions for vulnerable populations. Even basic phone users can manage their identity with the help of a designated guardian. And third-party applications can leverage the Gravity.Earth platform to easily integrate a digital identity component that is based on open Standards.</p> <p>Gravity has worked closely with privacy experts to ensure that the platform not only meets, but exceeds, the highest standards for data management and protection.</p>

Evaluation Criteria

The Solution has been evaluated in accordance with the following requirements and criteria:

- ID2020 TAC Technical Requirements v1.01
- ID2020 Certification Approval Profile v1.0

Certification Type

SOLUTION: *An integrated set of Products (including business rules and workflow logic) designed to meet the ID2020 Technical Requirements for Digital Identity Solutions, as provided by a single vendor or set of vendors working together. Differences between TAC requirements and customer requirements for the Solution will be reflected in the Certification Report.*

Evaluation Result

PASS

"Gravity.Earth Cloud Platform" has been evaluated based on the prescribed requirements, in accordance with the provisions of the ID2020 Certification Approval Profile by the ID2020 Secretariat and Technical Advisory Committee, and has met the specified assurance requirements **with noted exceptions** (see "Differences between TAC Requirements and Customer Requirements").

Major Products

Product	Vendor / Provider
Gravity Cloud Platform	Gravity.Earth

Differences between TAC Requirements and Customer Requirements

The following exceptions have been recorded for this certification where the customer is responsible for setting specific requirements or taking specific responsibilities to which the applicant has gained exemption.

Approval Profile Criteria	TAC Technical Requirement Reference	Customer Requirement / Mitigation	Assessor Recommendation	Assessor Rationale
IDV-7	2.7, Failure mode	For the current credit data exchange implementation there are multiple methods	Identity verification and proofing is out of scope for the Solution as it is provided by the customer.	Solution Provider capable of supporting multiple authentication

		of authentication such as QR codes and 1:1 voice biometric.		methods, offering several potential failure modes to client. Customer needs to determine most appropriate Failure mode to support.
AUTHENTICATI ON-3	3.3, Alternative methods of authentication	<p>Provides a guardian system for individuals who do not possess a smartphone or cannot operate it themselves. In this case the guardian authenticates on behalf of the individual.</p> <p>Alternatively voice print matching can be used. In this case, the individual enters their phone number as the primary identifier and authentication takes place via a 1 to 1 voice print match.</p>	Alternative methods of authentication supported but not predetermined by vendor, customer needs to determine optimal suite.	Solution Providers capable of supporting multiple authentication methods, including remote authentication via voice print match to enable guardianship. Customer needs to determine most appropriate suite of authentication methods to support.

Full evaluation profile

The following constitutes the full application for certification. Where the applicant has earned an exception it has been denoted as an **Assessor Recommendation**.

Approval Profile Criteria: APPLICABILITY-1
TAC Technical Requirement Reference: 1.1
Assessor Recommendation: Compliant

Approval Profile Criteria: APPLICABILITY-2
TAC Technical Requirement Reference: 1.2
Assessor Recommendation: Compliant

Approval Profile Criteria: APPLICABILITY-3
TAC Technical Requirement Reference: 1.3
Assessor Recommendation: Compliant

Approval Profile Criteria: APPLICABILITY-4
TAC Technical Requirement Reference: 1.4
Assessor Recommendation: Compliant

Approval Profile Criteria: APPLICABILITY-5
TAC Technical Requirement Reference: 1.5
Assessor Recommendation: Compliant

Approval Profile Criteria: APPLICABILITY-6
TAC Technical Requirement Reference: 1.6
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-1
TAC Technical Requirement Reference: 2.1
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-2
TAC Technical Requirement Reference: 2.2
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-3
TAC Technical Requirement Reference: 2.3
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-4
TAC Technical Requirement Reference: 2.4
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-5

TAC Technical Requirement Reference: 2.5
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-6
TAC Technical Requirement Reference: 2.6
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-7
TAC Technical Requirement Reference: 2.7
Assessor Recommendation: **SEE ABOVE**

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-8
TAC Technical Requirement Reference: 2.8
Assessor Recommendation: Compliant

Approval Profile Criteria: IDENTIFICATION AND VERIFICATION-9
TAC Technical Requirement Reference: 2.9
Assessor Recommendation: Compliant

Approval Profile Criteria: AUTHENTICATION-1
TAC Technical Requirement Reference: 3.1
Assessor Recommendation: Compliant

Approval Profile Criteria: AUTHENTICATION-2
TAC Technical Requirement Reference: 3.2
Assessor Recommendation: Compliant

Approval Profile Criteria: AUTHENTICATION-3
TAC Technical Requirement Reference: 3.3
Assessor Recommendation: **SEE ABOVE**

Approval Profile Criteria: AUTHENTICATION-4
TAC Technical Requirement Reference: 3.4
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-1
TAC Technical Requirement Reference: 4.1
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-2
TAC Technical Requirement Reference: 4.2
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-3
TAC Technical Requirement Reference: 4.3
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-4

TAC Technical Requirement Reference: 4.4
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-4
TAC Technical Requirement Reference: 4.4
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-5
TAC Technical Requirement Reference: 4.5
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-6
TAC Technical Requirement Reference: 4.6
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-7
TAC Technical Requirement Reference: 4.7
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-8
TAC Technical Requirement Reference: 4.8
Assessor Recommendation: Compliant

Approval Profile Criteria: PRIVACY AND CONTROL-9
TAC Technical Requirement Reference: 4.9
Assessor Recommendation: Compliant

Approval Profile Criteria: ATTESTATIONS AND TRUST-1
TAC Technical Requirement Reference: 5.1
Assessor Recommendation: Compliant

Approval Profile Criteria: ATTESTATIONS AND TRUST-2
TAC Technical Requirement Reference: 5.2
Assessor Recommendation: Compliant

Approval Profile Criteria: ATTESTATIONS AND TRUST-3
TAC Technical Requirement Reference: 5.3
Assessor Recommendation: Compliant

Approval Profile Criteria: ATTESTATIONS AND TRUST-4
TAC Technical Requirement Reference: 5.4
Assessor Recommendation: Compliant

Approval Profile Criteria: ATTESTATIONS AND TRUST-5
TAC Technical Requirement Reference: 5.5
Assessor Recommendation: Compliant

Approval Profile Criteria: INTEROPERABILITY-1

TAC Technical Requirement Reference: 6.1
Assessor Recommendation: Compliant

Approval Profile Criteria: INTEROPERABILITY-2
TAC Technical Requirement Reference: 6.2
Assessor Recommendation: Compliant

Approval Profile Criteria: INTEROPERABILITY-3
TAC Technical Requirement Reference: 6.3
Assessor Recommendation: Compliant

Approval Profile Criteria: INTEROPERABILITY-4
TAC Technical Requirement Reference: 6.4
Assessor Recommendation: Compliant

Approval Profile Criteria: RECOVERY AND REDRESS-1
TAC Technical Requirement Reference: 7.1
Assessor Recommendation: Compliant

Approval Profile Criteria: RECOVERY AND REDRESS-2
TAC Technical Requirement Reference: 7.2
Assessor Recommendation: Compliant

Approval Profile Criteria: RECOVERY AND REDRESS-3
TAC Technical Requirement Reference: 7.3
Assessor Recommendation: Compliant

Approval Profile Criteria: RECOVERY AND REDRESS-4
TAC Technical Requirement Reference: 7.4
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-1
TAC Technical Requirement Reference: 8.1
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-2
TAC Technical Requirement Reference: 8.2
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-3
TAC Technical Requirement Reference: 8.3
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-4

TAC Technical Requirement Reference: 8.4
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-5

TAC Technical Requirement Reference: 8.5
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-6

TAC Technical Requirement Reference: 8.6
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-7

TAC Technical Requirement Reference: 8.7
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-8

TAC Technical Requirement Reference: 8.8
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-9

TAC Technical Requirement Reference: 8.9
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-10

TAC Technical Requirement Reference: 8.10
Assessor Recommendation: Compliant

Approval Profile Criteria: ACCEPTABLE MANAGEMENT AND SECURITY POLICIES AND PROCEDURES-11

TAC Technical Requirement Reference: 8.11
Assessor Recommendation: Compliant

Approval Profile Criteria: ASSURANCE OF THE TECHNICAL INFRASTRUCTURE-1

TAC Technical Requirement Reference: 9.1
Assessor Recommendation: Compliant

Approval Profile Criteria: THE SUITABILITY OF PERSONNEL USE (SKILLS AND COMPETENCE)-1

TAC Technical Requirement Reference: 10.1
Assessor Recommendation: Compliant

Approval Profile Criteria: THE SUITABILITY OF PERSONNEL USE (SKILLS AND

COMPETENCE)-2

TAC Technical Requirement Reference: 10.2

Assessor Recommendation: Compliant

Approval Profile Criteria: THE SUITABILITY OF PERSONNEL USE (SKILLS AND COMPETENCE)-3

TAC Technical Requirement Reference: 10.3

Assessor Recommendation: Compliant

Approval Profile Criteria: THE SUITABILITY OF PERSONNEL USE (SKILLS AND COMPETENCE)-4

TAC Technical Requirement Reference: 10.4

Assessor Recommendation: Compliant

Approval Profile Criteria: THE SUITABILITY OF PERSONNEL USE (SKILLS AND COMPETENCE)-5

TAC Technical Requirement Reference: 10.5

Assessor Recommendation: Compliant

Approval Profile Criteria: THE SUITABILITY OF PERSONNEL USE (SKILLS AND COMPETENCE)-6

TAC Technical Requirement Reference: 10.6

Assessor Recommendation: Compliant