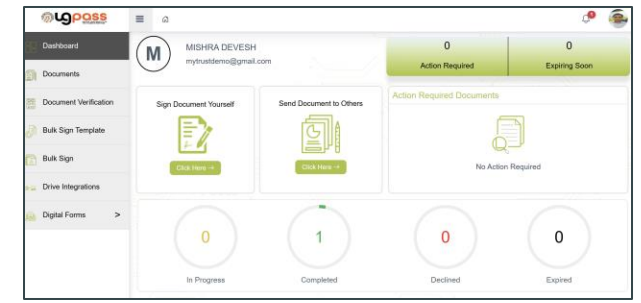
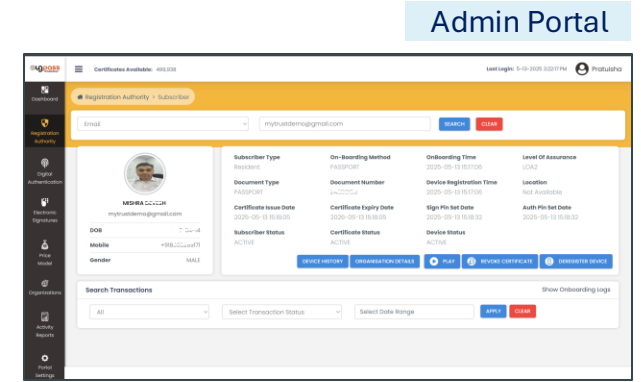
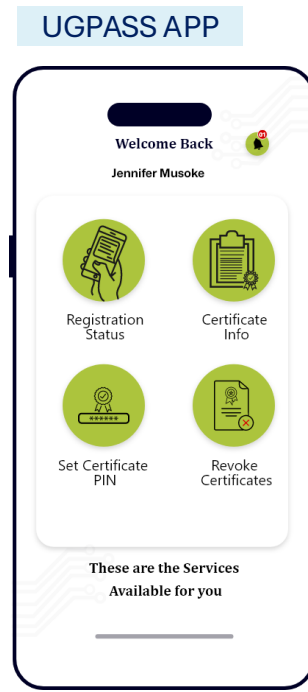
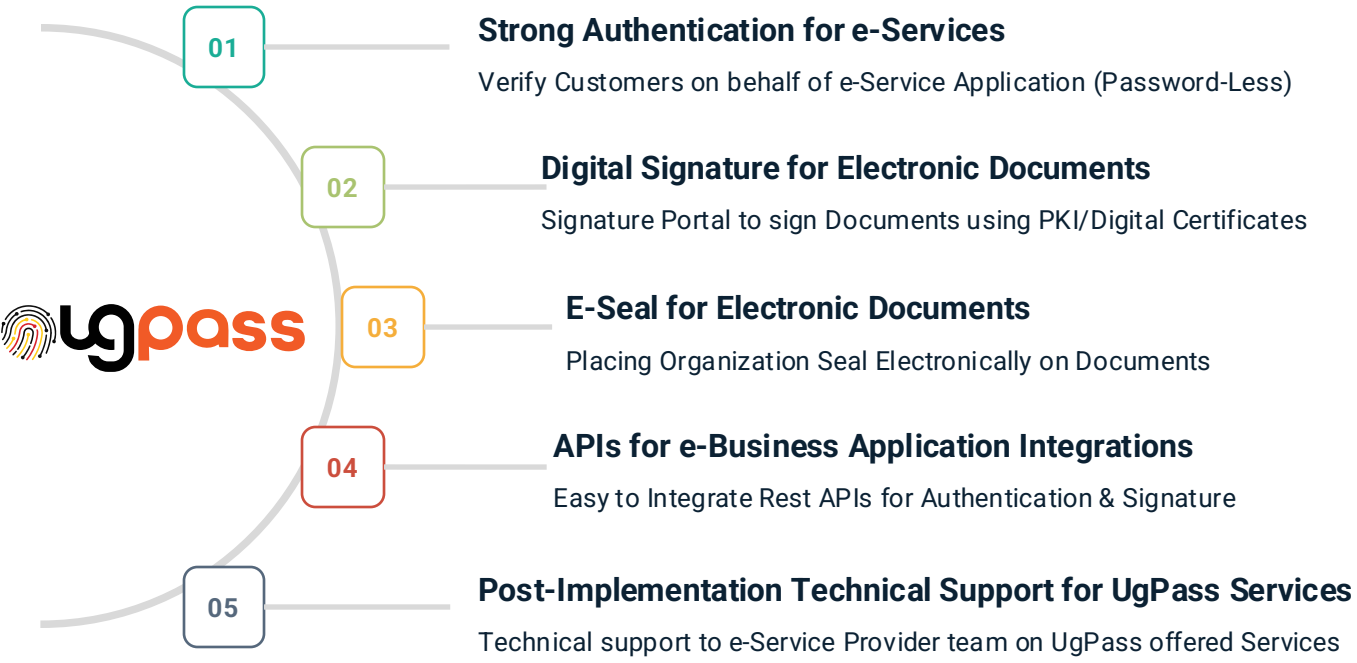




Digitally **TRUSTED** Uganda, the **Uganda Pass** way



The humble beginning of UgPass – The DAES Platform (UgPass 1.0)



DAES Integration Model

- API Publication:** DAES platform publishes standardized APIs.
- API Consumption:** Service providers access and utilize these APIs.
- System Integration:** Enables seamless embedding of DAES functions within provider systems.

Global Award Winner

Proud Recipient of the WSIS Digital Service Design Special Prize 2024 in Geneva!



UgPass Adoption, the Initial attempts and the learnings...

One Big Learning:
Technology driven (APIs/SDKs)
integrations approach has its limitations:

- > Initial Resistance: Stemmed from executing UgPASS as an IT project without early stakeholder buy-in.
- > Adoption Hurdles: Stakeholders perceived UgPASS as sudden enforcement, leading to unpreparedness.
- > National ID Integration: Challenges leveraging the National ID as a consistent Single Source of Truth.
- > Breaking Down Silos: Difficulty overcoming existing fragmented systems and processes.
- > Infrastructure Requirements: Need to build/ensure resilient and sustainable IT infrastructure.
- > Integration Complexity: Required specialized competencies for complex stakeholder system integrations.

Stakeholder Workshop –
An Adoption Strategy



THE WORKSHOPS

- > Extensive stakeholder workshops across diverse sectors (Government, Banking, FinTech, Education, Legal, etc.) to gather detailed requirements.
- > Gained significant, "eye-opening" insights & feedback, clarifying real-world needs and integration perspectives.
- > Identified clear, actionable strategies to accelerate the adoption and integration of UgPASS services

THE KEY LEARNINGS

- > Stakeholders play different roles in the digital transactional ecosystem
- > The approach shall be use-case driven and not technology driven, with stakeholders inclusive approach
- > Integrations shall be Use-Case implementation friendly (almost productised) making the integrations "Simple-Seamless-Secure"
- > UgPASS adoption is a national level "Change Management"
- > Legally permissible Verifiability is non-negotiable.

UgPass UPSCALE – The Game Changer

Enhanced UgPASS Platform – “Use Case Implementation Friendly”

UgPass 1.0



UgPass 2.0



Empowering Organisation with TRUST Gateway



- Enterprise Integrations (Business Application & API Credentials)
- Credential (Certificate, Licenses, Permits Issuer)
- Credential Verifier
- Authorised User, Roles, and Privilege
- Enterprise Digital Signature & Document Attestation

Driving the UgPASS Adoption

- > Productised Use case rollout, giving confidence to Service Providers
- > National cultural change management through Centre of Excellence, to achieve common purpose-driven UgPass adoption
- > PUSH (Regulation) & PULL (demonstrated ROI), leading to sense of urgency
- > Sector specific horizontal (# service providers) and vertical (# use cases per service provider) growth strategies

Digital Authentication (MFA)

Digital Certificate Management

Signing Portal

National PKI

Digital Credential Wallet

Informed Consent & Revocation

Digital Signing on Mobile App

Digital Signed Forms

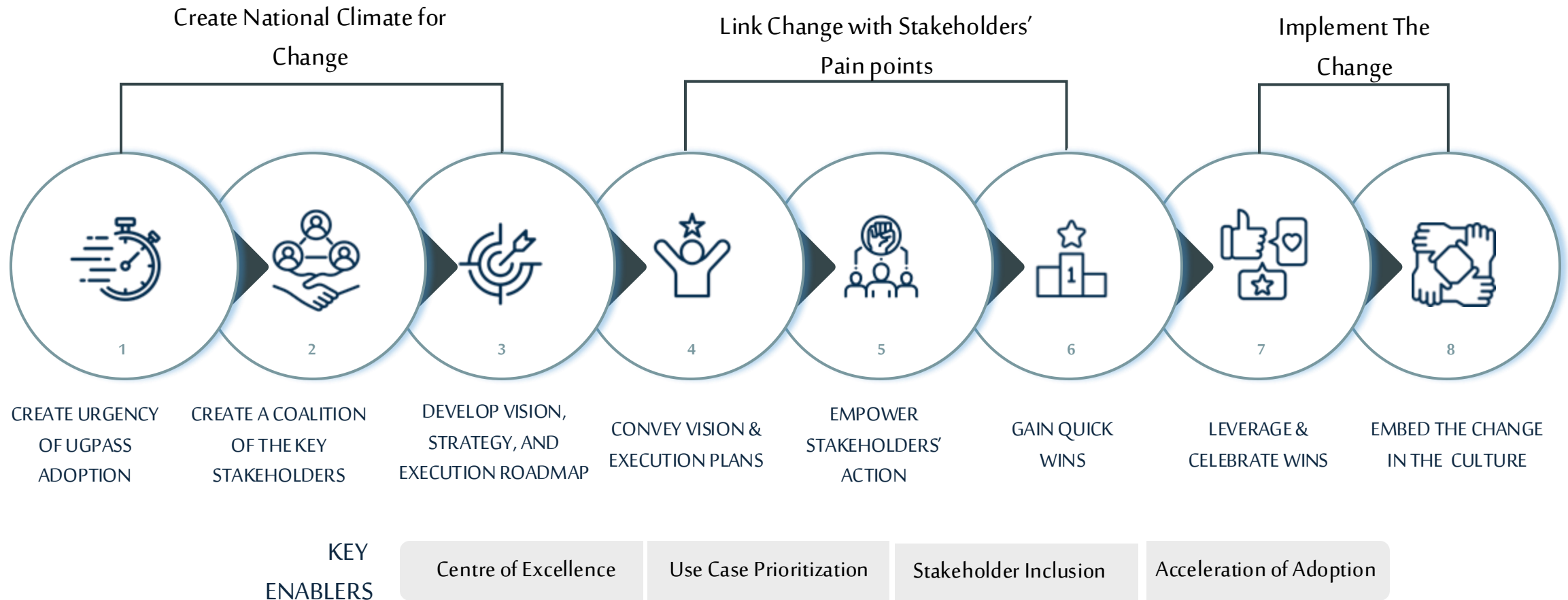
Crypto QR Code (Digital Signature)

Digital ID Self-Management

UgPass Face Verification (additional to In-Device Authentication)

While UgPass Technology readiness is critical for Adoption, we consider this as “National Cultural Change”

NATIONAL CULTURAL CHANGE MANAGEMENT



Marching Towards Digitally TRUSTED Uganda

THE VISION | Leadership position in Africa (and in the world), being one of the first countries to achieve citizen-centric, and TRUST based Digital Transformation



GUIDING PRINCIPLES

- > Inclusivity: Stakeholders, Customer Segments, Use Cases
- > Legal Compliance
- > Interoperability
- > Sustainability
- > Ease of Use and Ease of Integrations



CURRENT USE CASES

- > I.T Certification Office - NITA
- > NITA eDOC
- > Electronic Government Procurement
- > National Housing and Construction Company Limited
- > Engineers Registration Board
- > NEMA, Uganda
- > I&M Bank
- > Uganda National Examinations Board
- > Ministry of Works and Transport



THE MISSION

Onboard all eligible Ugandans to enable access to digital citizen services – enhance quality of life

10M+

Subscribers

35+

MDA's

100s of

Service Providers

Millions

Transactions



The "HOW"



Use Cases Adoption Strategy – The Whole Of Nation Approach

BY STAKEHOLDER ROLES

- › Document Issuers
- › Relying Parties/Service Providers
- › Citizens/People
- › Businesses
- › Legal Systems/Professionals

BY CUSTOMER SEGMENTS

- › Identify and evaluate key segments
- › Implement high impact use case for Marquee customer
- › Identify and prioritize use cases for the segment.
- › Replicate the success of each use case for all customers



BY IMPACT USE CASES WITH CASCADING EFFECT

Issuance of credentials/documents (mostly government), thereby create demand from businesses & people, in turn creating demand for consumption (relying parties)

BY USE CASE PRIORTISATION

- › Complexity of implementation
- › Risk Level : readiness of stakeholders
- › % of population coverage
- › Population Category Covered (citizens, residents, etc.)
- › Socio-economic impact
- › Fraud elimination in transactions and misuse of documents shared
- › Visibility (Brand)

While Technology readiness is an absolute necessity, there needs to be common platform to drive the adoption towards achieving the Impact...

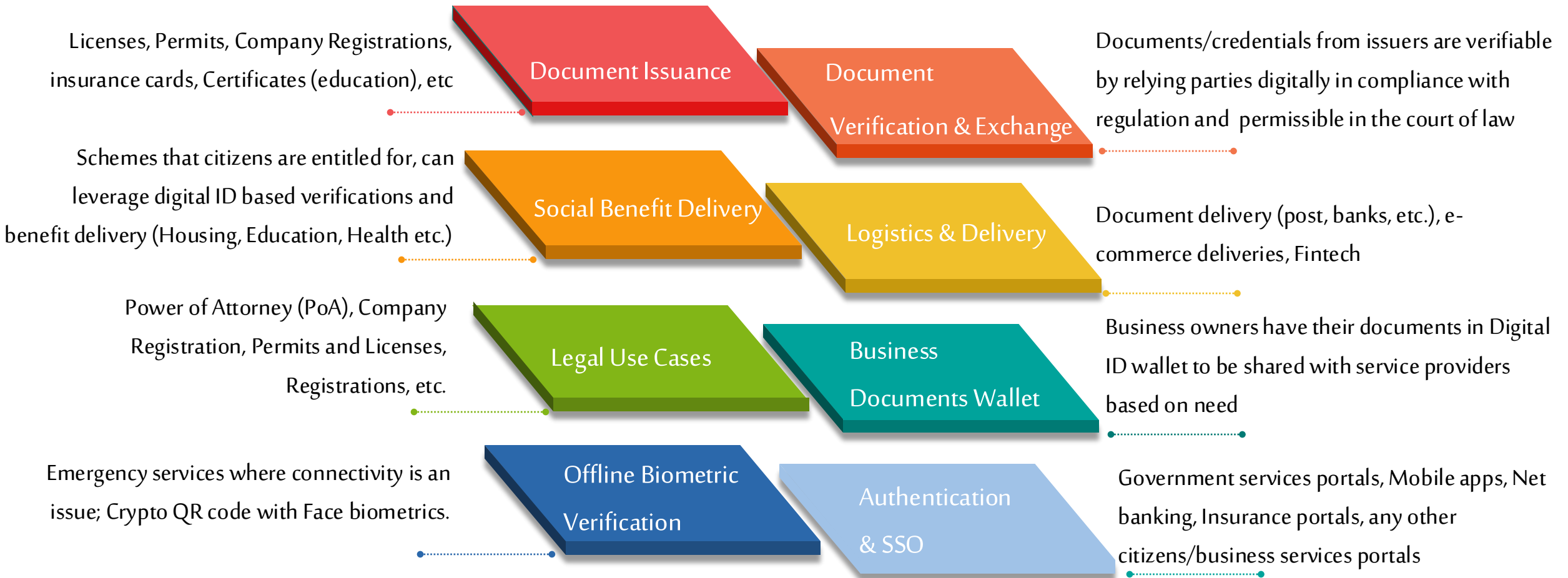
UgPass Centre of Excellence (UgCoE)



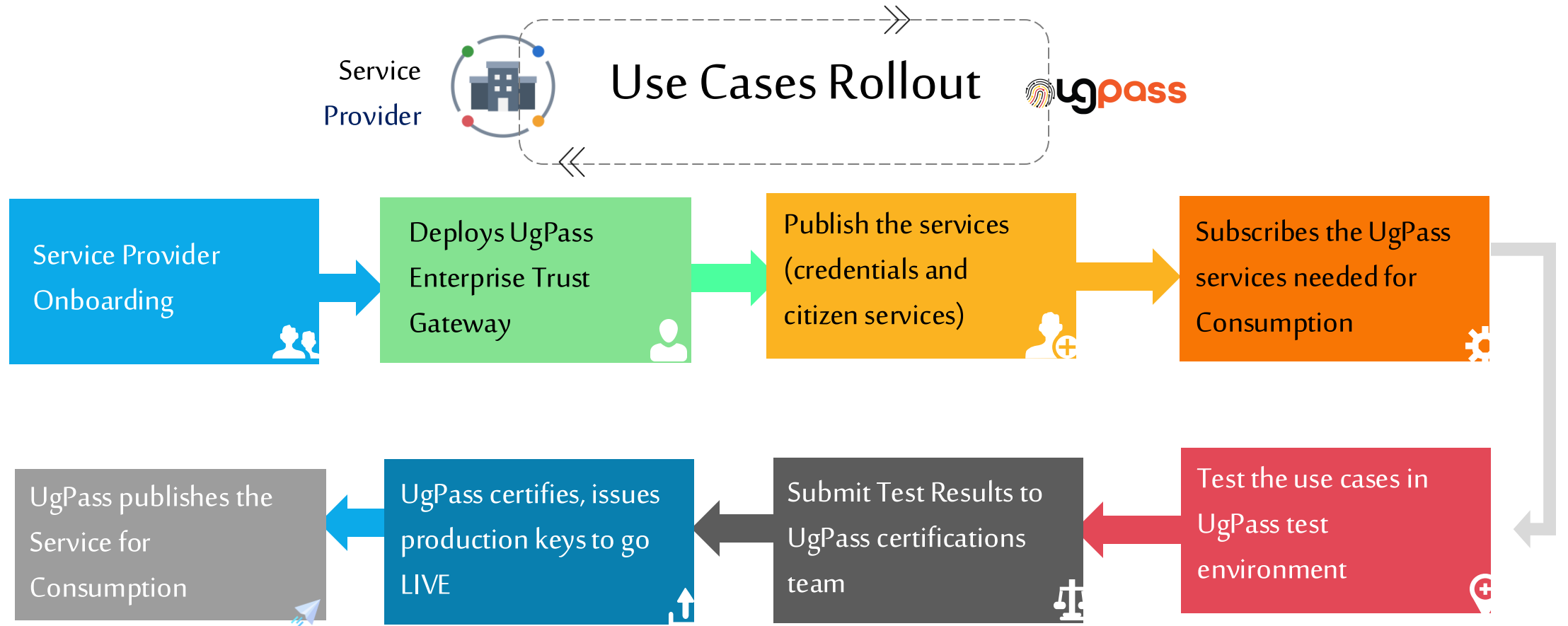
While we understood there could still be some challenges, we are super excited about the impact UgPass can create, if we succeed in higher levels of adoptions. Soon we realised that effectively engaging and collaborating with various stakeholders is the key to the success of UgPass.

- Drive UgPass as a Programme : Project to Impact
- Use Case Innovations and Support
- Digital TRUST Innovation Hub
- Capacity and Competence building
- Stakeholder Engagement - Workshops, round tables, Hackathons, etc.
- Promote Entrepreneurship around Digital TRUST
- UgPass as a self sustainable model

Use Case Categorisation Strategy based on Roles Played by Stakeholders



Rollout of Use Cases by Service Providers - Productised Approach



TRUST Gateway Integration (Simplified)



Government Agencies who issues Data/Document Providers

Citizen's/Residents/
Visitors/Business



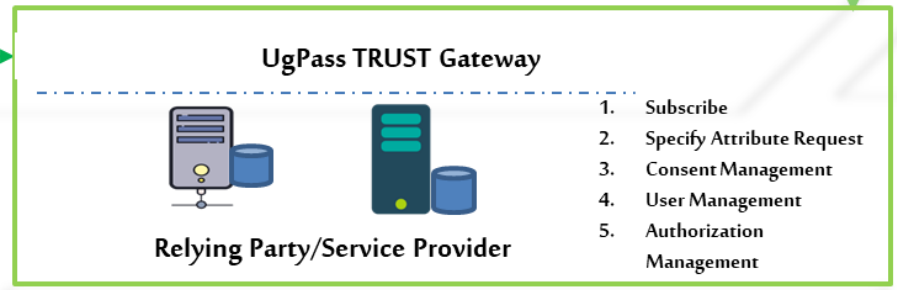
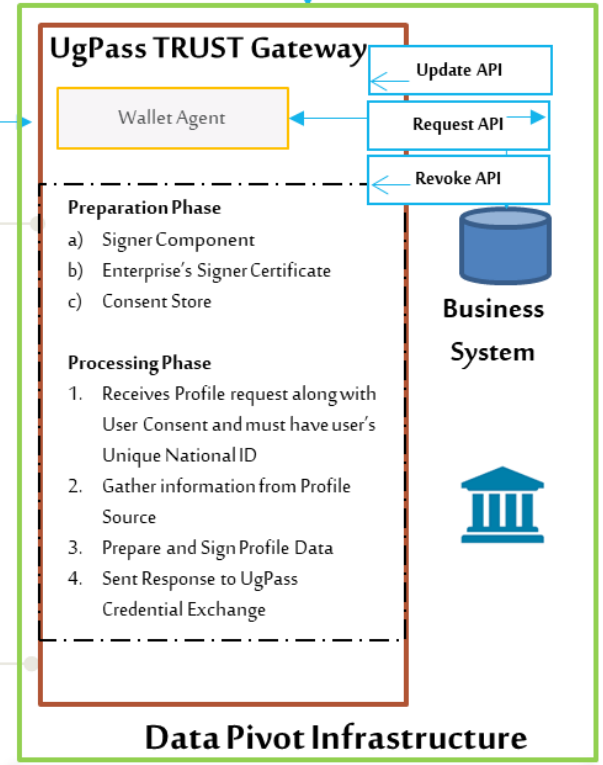
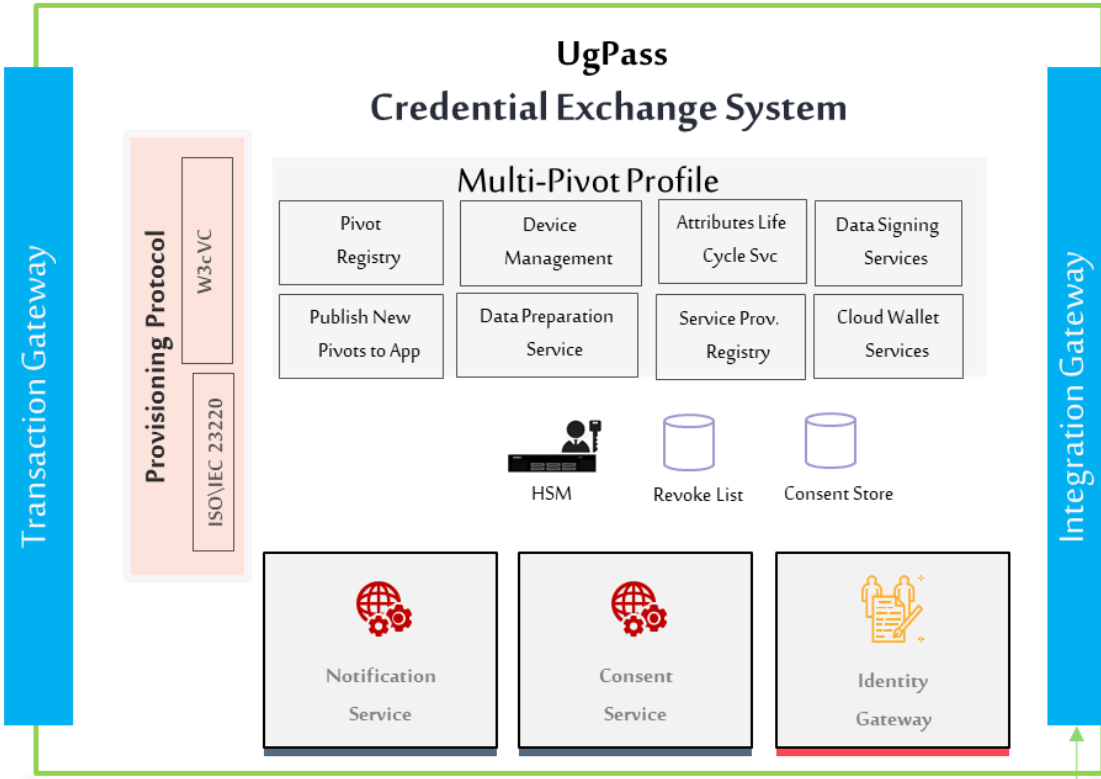
1. Receive Pivot List
2. Subscribe Profile from Pivot
3. Submit Requested Consent
4. Perform Identity Verification
5. Receive Profile (Provisioning)

Credential/Document Sharing with holder signed consent, signed authorized credential with selective disclosure and issuer verification



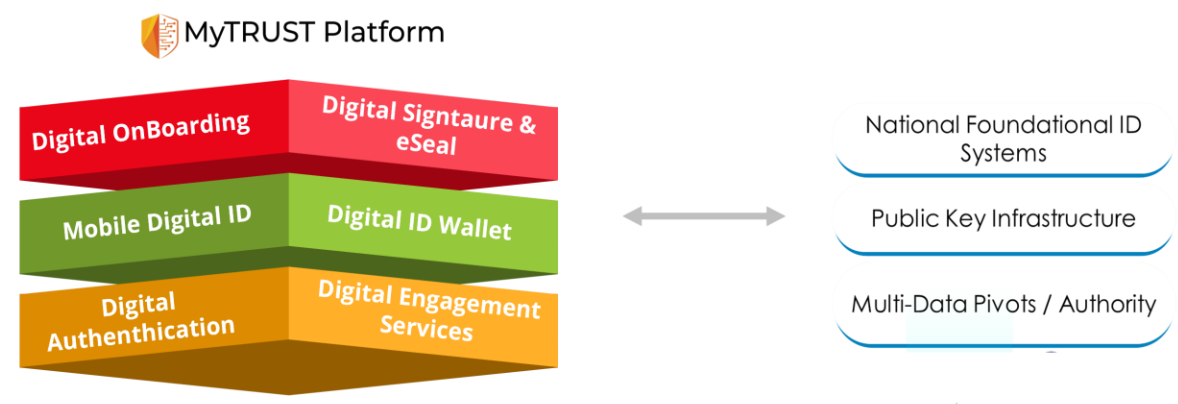
1. Perform UgPass Authentication
2. Request for Profile by Submitting Purpose
3. Receive Business Profile in Wallet Format
4. Interpret Business Profile and Display User Information

Authorized Personnel of Relying Party using (Business App of Relying Party with UgPass Verification SDK)



- ✓ Offline Credential Exchange
- ✓ Online Credential Exchange
- ✓ Real-time Credential Exchange
- ✓ Offline Crypto QR Code based Cloud Wallet Exchange

DigitalTrust enables countries to achieve "Digital TRUST", through an Engagement Model driven by the principles of Strategic Partnership, Low initial investment, and Participation in driving adoption of MyTRUST



For Digital Citizens playing different roles



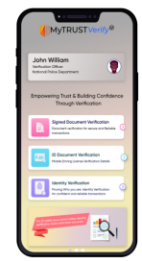
MyTRUST Mobile App

For Service Providers (Enterprises & Government)



MyTRUST Enterprise Gateway

For Officials of Enforcement Agencies



MyTRUST Verification App

OUR ROADMAP HIGHLIGHTS

Q1
Ready-to-customize Wallet Use Cases, including document life cycle management

The Vision
Enable Inclusive, Citizen Centric, and Legally Verifiable TRUST in Digital Economies

Q2
AI based Population Register System, including LIFE events integration and population analytics

The Mission (3-5 Years)

- ✓ Empower 500M+ Lives
- ✓ 15+ Digitally TRUSTED Nations
- ✓ Digital TRUST Index for nations
- ✓ Digital TRUST Academy

Q3
Low Code Government Platform

The Current Engagements

Uganda Kenya Middle Eastern Country

Q2
Population Enrollment System

Let us create a vibrant
and legally compliant
Digital TRUST Ecosystem
to enable Digital
Economies fully
TRUSTED !!!