

G2P Connect



An **open source collective effort**
to create integrated G2P solution blueprint using various digital public goods

Mission of this collective effort

This is an open source collective effort
to offer an integrated G2P solution blueprint
using a plug-n-play architecture to enable choice of components,
a set of integration specifications to ensure interoperability,
a design that addresses privacy & security,
and an integration sandbox
for various DPG providers to join the effort
adhering to the blueprint and specifications
to offer a well architected, well documented,
and integrated G2P solution.

Current participants of this collective effort

G2P Connect itself is not an entity/organization, nor attached to a single organization, and will not have any separate brand identity (other than the name of the initiative)



in collaboration with



We hope to see this list growing
Logos shown in no particular order

In the context of this project,
the G2P solution refers to the set of digital platforms working together
to enable Governments to send money
via mobile money or bank accounts or as non-transferable vouchers
to individuals.

For the scope of this project, the G2P payments use case of focus will be limited to cash or near-cash social assistance payments. This solution blueprint does NOT address other types of benefits such as health insurance, delivering physical goods, food, etc.

However, its components and design can be adapted to also serve other G2P payment use cases such as public wages, subsidy payments, etc.

Architecture & Solution Blueprint



Design principles



INTEGRATED

From enrolment to disbursement to last mile cash-in/cash-out.



TRUST

through technology and accountability. Respecting privacy while enabling reach-out.



CHOICE

of blocks and multiple paths for deployment



INCLUSIVE

to ensure inclusion of diverse groups by design



SCALABLE

to cater to needs of a country / region / or department size



EFFICIENT

Well architected, documented, and supported software solution blueprint



CONFIGURABLE

Able to manage multiple scheme requirements



FEDERATED

Respecting Federal nature & autonomy of entities managing registries

Solution blueprint



Unified Scheme Visibility for policy makers

(Unified scheme analytics & decision making, privacy protecting design, open data)



Unified Citizen Interface for Scheme Access

(Self-service/assisted, scheme discovery, enrolment, updates, notification, etc.)



Banking/Mobile-wallet System Interface for Citizens

(Self-service/assisted, account opening/management, ID mapper updates, etc.)

Scheme Management

(Beneficiary registry, scheme management, enrolment, approvals, disbursal, monitoring)

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Payment & Settlement Switch

(batch / real time / card payments, settlement, reporting, dispute resolution, fraud detection, etc.)

Bank/Mobile-wallet System

(Customer management, account management, payments, FI, ATM/Micro-ATM networks, etc.)

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Last Mile Cash-in/Cash-out System

(Cash management, authentication, basic cash-in/cash-out services)

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Digital ID System

(ID enrolment, management, authentication, eKYC, etc.)

Trusted Data Sharing & Digital Credentialing Infrastructure

(Credentialing, embeddable into other systems, verifiable, ...)

Civil & Other Federated Registries

(Existing digitally accessible registries)

ID-Account Mapper

(multiple ID to account mapping, updates, etc.)

At Department Level
(federated and multiple)

Offered by banking/
mobile network partners

DPG Mapping to Solution blueprint



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Join the effort!

- Website:
<https://g2pconnect.global>
- Github link:
<https://github.com/G2P-Connect>
- Discussion forum: (create a [Github ID](#) using your email so that you can participate)
<https://github.com/orgs/G2P-Connect/discussions>
- Documentation index page:
<https://github.com/G2P-Connect/common/tree/main/docs>

Thank you

G2P Connect Team

info@g2pconnect.global