

# WHO WE ARE



The Ghana Interbank Payment and Settlement Systems Limited (GhIPSS) is a wholly owned subsidiary of the Bank of Ghana. It was incorporated in May 2007 with a mandate to implement and manage interoperable payment system infrastructures for banks and non bank financial institutions in Ghana.

In line with its mandate, GhIPSS has implemented and currently manages the following:

1. Ghana Automated Clearing House (GACH) systems
  - a. Cheque Codeline Clearing (CCC) System
  - b. Direct Credit & Direct Debit
2. National Switching and Processing System- gh-link.
3. GhIPSS Instant Payment (GIP) and Mobile Money Interoperability (MMI) System
4. GhanaPay Mobile Money Wallet

## Our Partners

GhIPSS' payment infrastructure is used by all banks in Ghana including the ARB Apex Bank and its affiliates, (The Apex body for Rural and Community banks) Savings and Loans Companies and Third Party Payment Service Providers (International Card Schemes, Mobile Money Companies and Fintechs).

## Our Vision

To migrate Ghana to an electronic payments society.

## Our Mission

To partner the financial services industry in promoting, developing and managing efficient and secure payment systems.

## Our Values

Teamwork

Dependability

Professionalism

Integrity

Passion

Innovation

## 1. gh-link



gh-link EMV Card, is Ghana's domestic card payment scheme launched by the Ghana Interbank Payment & Settlement System (GhIPSS) Limited in 2012. The Card scheme rides on the gh-link platform; a system which interconnects all banks and financial institutions in Ghana. Thereby giving customer's access to Automated Teller Machines & POSes of all the scheme participants. gh-link cards are issued by all Commercial banks, ARB Apex Banks and licensed Savings & Loans companies in Ghana. has a published National EMV Standard and Specifications for the issuance and acceptance of EMV cards in Ghana based on the Gemalto PURE technology.

### Benefits of gh-link cards

- **Wide Acceptance:** gh-link cards are accepted on all ATMs of partner Financial Institutions across the country
- **Security:** gh-link Cards are chip based with all cardholder information encrypted
- **Safer than cash:** Making payments with a gh-link card is safer than cash as funds are taken directly from your bank account.
- **Convenient:** Cash withdrawal and other ATM transactions can be made at any time of the day offering you 24hr access to your money. Similarly, making payment with the card, can be done at any time of the day.

## BULK PAYMENT SERVICES



## 2. Ghana Automated Clearing House

### ACH Direct Credit

ACH Direct Credit (ACH DC) is a simple, secure and reliable service which enables individuals, large and small organisations to make payments by electronic transfer directly into a bank accounts. This Credit Push instrument can be used for Payment of salaries, pensions, welfare benefits, commissions, suppliers, dividend & refunds, interest payments, government payments, business-to-business payments etc.

### ACH DC Services

- Express Service: Same-Day (within 24 hours)
- Near Real Time: Same Day (within 15 minutes)
- Standard Service: Next-Day (within 48 hours) minutes)

### ACH Direct Debit

A Direct Debit is an instruction from a creditor to its bank authorising it to collect an agreed amount(s) from the bank account of the creditor's customer so long as the customer has signed a Mandate and has been given advance notice of the collection amount and date. Direct Debits are debit pull instruments used for recurring payments such, as mortgages, utility bills, insurance premiums, loan re-payments, rent, subscription based service payments etc.

## 3. Cheque Codeline Clearing (CCC)



The Cheque clearing cycle provides the following services:

- **Express Clearing:**

It involves the processing of cheques within 24 hours.

- **Standard Service:**

It involves the processing of cheques within 48 hours.

## REAL TIME PAYMENTS SERVICES *GiP*

## 4. GhIPSS Instant Pay (GIP)



Instant Interbank Transfer Service – GhIPSS INSTANT PAY (GIP) allows payments to be sent across financial institutions electronically from one bank account to the other as a single immediate payment; from channels such as Internet Banking, Mobile Banking, ATM or any other as provided by a Financial Institution.

### Uses of GIP

- (Business-to-business payments (just-in-time supplier payments)
- (Person-to-person fund transfers (person-to-person reimbursements, remittances)
- (Business-to-person payments
- (Person-to-business payments (emergency bill / fee / utility payment)

## 5. Mobile Money Interoperability (MMI)



MMI is the service which allows direct and seamless transfer of funds from one mobile money wallet to another mobile money wallet across networks. It allows transfer of funds from wallet into bank account and e-zwich cards; and also from wallet and e-zwich cards to bank account.

### MMI Functionalities

- **Wallet-to-wallet transactions:** Allows mobile money users to move money across networks.
- **Bank account-to-wallet:** Allows mobile money users to debit or pull funds from their bank accounts and credit their wallets or other wallets.
- **Wallet-to-bank account:** Allows mobile money users to transfer funds directly from their wallets to any bank account.
- **Wallet-to-e-zwich card:** Allows mobile money users to transfer funds directly from their wallets to any e-zwich card.



## 6. Request to Pay (RTP)

Request to Pay is a secure digital messaging and payment service. It is a simple and fast payment process that allows a beneficiary (Merchant, Biller etc) to initiate an electronic request for payment to a payer's (Customer's) account / wallet. The payer is notified immediately via their mobile device and can accept the request. If accepted, the requested amount is transferred instantly from the payer's account / wallet to the beneficiary's (Merchant /Biller) account and the beneficiary notified accordingly.

For each request, the payer has the choice to accept or decline to pay. The Request-To-Pay service is an overlay on the GhIPSS Instant Pay (GIP) system

### Uses

The Request-to-Pay service can be used for the following:

1. **Retail Payments** - These include POS payments, eCommerce, Commerce, Social Commerce etc
2. **Bill Payments** - These include Utility / Recurring payments, Subscription based payments etc

### Key Features

1. Interoperable across banks and mobile money operators
2. Runs on GIP rails. Merchant/ Biller's account/Mobile Wallet is credited instantly

3. Payment requests can be sent to different funding sources (Bank accounts, Mobile Money Wallets etc.)
4. Ghana's Universal QR Code (GhQR)

## 7. Ghana's Universal QR Code (GhQR)

GhQR is a new and easy way to make payments to a merchant by scanning a QR Code displayed by the merchant with your mobile phone. The merchant gets the money instantly, just like paying with cash.

### Benefits of GhQR Code

- GhQR allows merchants to accept payments from different customer funding sources.
- GhQR provides merchants with real time value for all payments made to the merchant.
- GhQR reduces the cost of receiving or accepting electronic payments.
- GhQR creates convenience for seamless experience in making payments.

## 8. GhanaPay Mobile Money



GhanaPay is a mobile money service provided by universal banks, rural banks, and savings and loans companies to individuals and businesses. It is like any mobile money service, but with additional banking services designed for your financial freedom.

Everyone with access to a mobile phone, can register for a GhanaPay Wallet, with or without a bank account.

Dial **\*707#** or download the GhanaPay App on



### What services are available on GhanaPay?

GhanaPay has the following services and more:

- Send and receive money on GhanaPay, other networks and bank accounts
- Cash-in and Cash-out
- Pay a GhQR merchant
- Buy Airtime and Data
- Generate a Token
- Request a statement
- Make a complaint or send feedback
- Pay Bills
- Value added services

# GIP Joining Requirement



No.	Action Steps	Description
1	Complete GhIPSS Application Form	Complete GhIPSS Application Form
2	Submit Business Registration Documents	Certificate of Incorporation Regulations of the Company Form 3 Form 4
3	Submit Business Model information	A vivid description of existing and future business model and technical setup (if relevant) of the Third party
4	Submit Settlement Sponsorship Letter	An official letter of sponsorship from a nominated settlement bank (a bank where all end-of-day debits resulting from GIP transactions in respect of the Third Party will be posted to, on its behalf)
5	Provide proof that applicant has initiated the BOG Licensing process.	Evidence to show applicant has initiated the Licensing Process with BOG
6	Receive approval or authorization from the business industry regulatory body to operate as such (where required).	Provide valid license or approval or authorization from business industry regulatory body
7	Data Protection	Evidence of verification certification from the Data Protection Authority
8	Information Security Management System Policy	ISMS POLICY should cover all the areas below: 1. Information Security Policy Document/Manual 2. Objectives of Information Security 3. Statement of Applicability 4. ISMS Scope

		<ul style="list-style-type: none"> <li>5. Organization of Information Security</li> <li>6. Access Control Policy</li> <li>7. User Access Control Policy</li> <li>8. Password Management Policy</li> <li>9. ISMS Training/Staff Awareness</li> <li>10. Backup Policy</li> <li>11. Information Classification Policy</li> <li>12. Protection from Malware</li> <li>13. Information Security Incident Management</li> <li>14. Third Party/Vendor Management Policy</li> <li>15. Others: <ul style="list-style-type: none"> <li>a. BCP / DR</li> <li>b. ISO 27001 Certification</li> </ul> </li> </ul>
9	Anti-Money Laundering Policy	Provide present Anti Money Laundering Policy
10	KYC Policy	Provide present KYC policy

**The application will undergo a review process to examine if the business model of the Third Party meets the definition of a GIP Third Party Institution. The outcome may be approval or rejection of the application.**

11	Pay Joining Fee	A one-off platform participation fee.
12	Sign Non-Disclosure Agreement	Mutual Confidentiality Agreement between GhIPSS and the Third Party in respect of Proprietary Technical information to be shared before and during the technical integration phase
13	Sign Service Level Agreement	Execute Service Level Agreement covering the service