

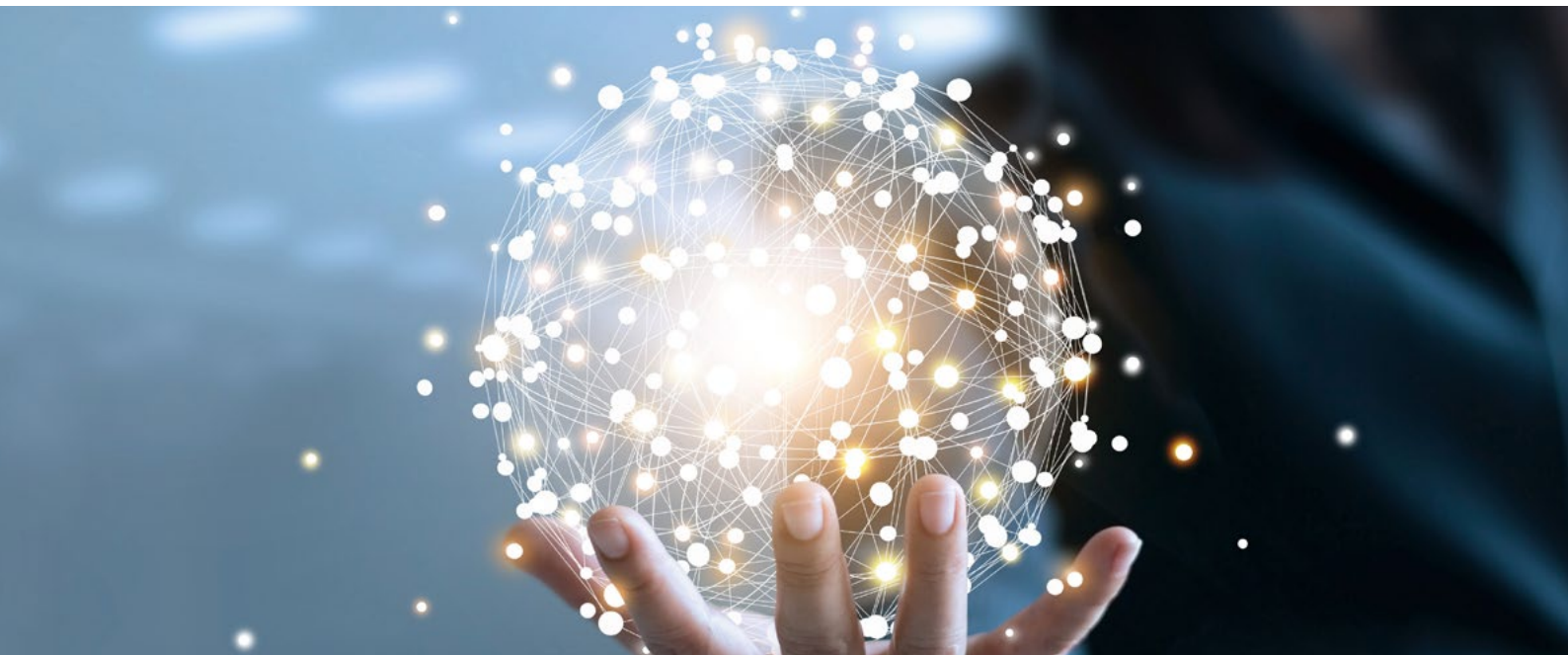


TEMENOS
Payments

Temenos Payments
SWIFT GPI standard services

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Document History

Author	Version No.	Date
Sujatha Venkatraman	V 0.1	5-Nov-2019
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SWIFT

gpi overview

SWIFT gpi is a new standard for cross border payments, ensures that cross-border payments are fast and transparent. It allows financial institutions and corporates to track cross-border payments from end-to-end in real-time, providing visibility on fees and final confirmation of credit of funds.

SWIFT gpi allows financial institutions to improve operational efficiency, reduce costs, forge better relationships with their correspondents and deliver new value to customers. And for corporates, it enables better liquidity management, transparency on fees and FX and certainty on their payment flows.

SWIFT gpi is an optional service on SWIFT network and operates on the basis of business rules and technical specifications captured in rulebooks between gpi customers (i.e. financial institutions who are SWIFT users and signed up for the gpi service).

SWIFT gpi standard rulebooks for mandatory services sets out specific mandatory obligations of one gpi customer towards other gpi customers regarding their respective use of the gpi Customer Credit Transfer (gCCT) service. The business rules and technical specifications covered in the following mandatory rulebooks:

- **gCCT - gpi Customer Credit Transfers (gCCT)**
The service enables gpi customers to offer enhanced payments services directly to their customers, with faster - same day use of funds, provides transparency of deducts, end-to-end payments tracking and enables remittance information to be transferred unaltered
- **gCOV – gpi cover payments (gCOV)**
The service is designed to further increase the timely processing of gCCT transactions and expedite credit to beneficiary when there is no direct account relationship between sender and receiver. This reduces liquidity risk, improves straight-through processing for reconciliation, reduce exceptions and investigations through the use of the same UETR as the underlying gCCT
- **gSRP – gpi Stop and Recall (gSRP)**
This service does away with current inefficiencies for processing payment cancellations and can immediately stop a payment instruction. With the UETR, the Tracker knows exactly where a gCCT transaction is. With gSRP, a request for cancellation can be sent directly via the Tracker to the gpi customer that has last received the payment instruction. Provides a market practice for the requesting and processing gpi customers to have a clear view on the recall request status.

Temenos Payments supports all the above mentioned SWIFT gpi standard rulebooks for mandatory services under a new licensable module (PPSGPI). For further details on SWIFT gpi module (PPSGPI) features, refer section [Temenos Payments gpi solution – new optional module \(PPSGPI\)](#).

Note:

- *Since the launch of SWIFT gpi, SWIFT has mandated some of the gpi features (like UETR etc.) to become applicable for all SWIFT users through the SWIFT annual rulebook updates.*
- *Such mandatory features for all SWIFT users are available in Temenos Payments through the annual SWIFT rulebook updates. Clients can request for annual SWIFT rulebook updates via the standard process.*
- *For further details of the gpi features applicable for all SWIFT users that are supported in Temenos Payments, please refer section [SWIFT gpi features included in standard SWIFT rulebooks \(for all Temenos Payments clients using SWIFT\)](#).*

Temenos Payments gpi solution – new optional module (PPSGPI)

Temenos Payments SWIFT gpi standards module covers the 3 mandatory rulebooks (gCCT, gCOV and gSRP) with the below features:

Feature	Description	Supported (Yes/No)
Standards	MT (FIN payload)	Yes
	MX (ISO20022)	Roadmap 2020 (based on release of SWIFT specifications)
Directory	gpi Directory integration	Yes
	gpi Directory use for non-FIN payments	Yes
SWIFT message type / category (MT support) with gpi tags	Incoming Messages	MT103, MT103STP, MT199 (gCCT), MT202COV (gCOV), MT202, MT192 (gSRP), MT196 (gSRP), MT199 (gSRP), MT299
	Outgoing Messages	MT103, MT103STP, MT199 (gCCT, gSRP), MT202COV (gCOV), MT202, MT192 (gSRP), MT196 (gSRP), MT199 (gSRP), MT299
Core gpi elements	Generation of lowercase UETR (compliant with IETF standard RFC 4122 v 4 of generation algorithm) supported	Yes
	Inclusion of relevant FIN block 3 fields (including UETR)	Yes
	Transmission of remittance Info unchanged (140 characters)	Yes
Transparency of fees support	Incoming messages – OUR with 71G, SHA with 71F, BEN with 71F	Yes
	Outgoing messages – OUR with 71G, SHA with 71F, BEN with 71F	Yes
	Populate deducts as per gpi rulebook (incl. 71F=0, if no deduct)	Yes
Foreign Exchange (FX)	FX support as Intermediary (incl. FX rate in (i) transaction & (ii) status update)	No
	FX support as Instructed	Yes

	001 (gCCT and gCOV services)	Yes
	002 (gSRP)	Yes
SWIFT gpi Service Type Identifiers support	003 (g4C Pay and Trace service) optional	No
	004 (gFIT service) optional	No
	005 (gCCT Inst service) optional	No
	ACSC	Yes
	RJCT	Yes
SWIFT gpi status/ reason codes - gpi customer credit transfers, gpi cover payments	ACSP/G000 (incl. forwarded-to agent for non-FIN legs)	Yes
	ACSP/G001 (incl. forwarded-to agent for non-FIN legs)	Yes
	ACSP/G002	Yes
	ACSP/G003	No
	ACSP/G004	Yes
	RETN	No
	gpi Reject Reason Codes Master list in gpi rulebook for mandatory services	Yes
SWIFT gpi status/ reason codes – gpi Stop and recall Service – Stop and Recall Request reason codes	DUPL AGNT CURR CUST UPAY CUTA TECH FRAD COVR AM09	Yes
Stop and Recall response reason codes	RJCR/LEGL RJCR/AGNT RJCR/CUST RJCR/ARDT RJCR/NOAS RJCR/NOOR RJCR/AC04 RJCR/AM04 RJCR/INDM PDCR/PTNA PDCR/RQDA PDCR/INDM CNCL	Yes

SWIFT gpi roles support	Instructing	Yes
	Intermediary	Yes
	Instructed	Yes
SWIFT non-gpi roles support	Debtor Agent	Yes
	Creditor Agent	Yes
Support clearing through non-FIN MIs*	SIX's Swiss Interbank Clearing (SIC);CH	Yes
	Fedwire Funds Service (FED);US	No
Communication with tracker	Push MT199 transaction status updates to Tracker (per transaction basis)	Yes
	Receive MT199 transaction status updates from Tracker	Yes
	Push updates via APIs to the Tracker (per transaction basis)	Yes
	Request queries and receive updates via APIs from the Tracker	Yes
	Support Alert notifications	Yes
Type of API transactions supported	GET	Yes
	PUT	Yes
APIs supported for	gpi Customer Credit Transfers	Yes
	gpi Cover Payments	Yes
	gpi stop and recall service	Yes
	Universal confirmations	Yes

* Subject to licensing of the relevant clearing module

SWIFT gpi features included in standard SWIFT rulebooks

(for all Temenos Payments clients using SWIFT)

The following SWIFT gpi features are now included in the standard SWIFT rulebook and is available for Temenos Payments clients using SWIFT :

Feature	Description	Supported (Yes/No)	via Module
Extended tracking	Generation of lowercase UETR (compliant with IETF standard RFC 4122 v 4 of generation algorithm) supported	Yes	DE (Delivery)
	Ability to receive UETR (field 121) and Service Type Identifier (field 111) in messages by non-gpi members	MT103, MT103 STP, MT202, MT202 COV	PP (Temenos Payments)
	Add or pass on Unique end to end reference (UETR) in outgoing/redirected FIN payment messages	MT103, MT103 STP, MT202, MT202COV	PP (Temenos Payments)
	SWIFT users (also non-gpi members) can optionally use field 121 unique end-to-end transaction reference (UETR) in block 3 of enquiry messages and receive it in messages.	MT191, MT199 MT192, MT195, MT196, MT292, MT295, MT296, MT299	PP (Temenos Payments) EB.QUERIES.ANSWERS, EB.FREE.MESSAGE
Universal Confirmations for extended tracking	Allow payment credit confirmation (with UETR and structure) by any SWIFT user – Send gCCT confirmation message (MT 199) with only field 121 unique end to end reference (not field 111 service type identifier) in the user header block of the message	Supported	PP (Temenos Payments)
	SWIFT gpi status/reason codes	ACCC	Yes
		RJCT	Yes
		ACSP/G002	Yes
		ACSP/G004	Yes
	SWIFT gpi roles support	Instructed	Yes
		Intermediary	Yes



TEMENOS

THE BANKING SOFTWARE COMPANY

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About Temenos

Temenos AG (SIX: TEMN) is the world's leader in banking software. Over 3,000 banks across the globe, including 41 of the top 50 banks, rely on Temenos to process both the daily transactions and client interactions of more than 500 million banking customers. Temenos offers cloud-native, cloud-agnostic and AI-driven front office, core banking, payments and fund administration software enabling banks to deliver frictionless, omnichannel customer experiences and gain operational excellence.

Temenos software is proven to enable its top-performing clients to achieve cost-income ratios of 26.8% half the industry average and returns on equity of 29%, three times the industry average. These clients also invest 51% of their IT budget on growth and innovation versus maintenance, which is double the industry average, proving the banks' IT investment is adding tangible value to their business.

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