



Rules and Regulations SIX x-clear Ltd

Price list SIX x-clear Ltd
valid as of 1 July 2019

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1.0 Basis for the pricing model and invoicing

SIX x-clear Ltd pursues an open and transparent pricing policy. SIX x-clear Ltd is committed to offering its services at competitive and cost-effective prices. Flexible pricing for both small and large volumes in Switzerland and abroad plays an important role. The pricing model is based on the current pricing policy approved by the Board of Directors:

- Transparent and attractive pricing
- Application of "user pays" principle and fair pricing
- Economies of scale obtained at purchase are passed on to clients

1.1 General

Invoicing

SIX SIS sends its clients a detailed invoice each month for the services used. All invoice amounts are indicated in Swiss francs (CHF). Clients have the choice between the direct debit procedure (bank account) and a debit of their cash account – in CHF, EUR, GBP or USD – with SIX SIS.

The pricing overview and the monthly invoice (report RPFE010) have the same structure. The fee code is indicated for each position, enabling participants to see at once what the position stands for. Manual bookings (RPFE070) and manual intervention fees/MIFs (RPFE075) are shown in detail on an ongoing basis in the monthly report. These items are mainly caused by market-specific services provided by third parties in connection with the processing of transactions or with other tasks executed abroad. They are passed on to clients.

Price details

Prices are set in CHF, basis points per annum/month (BP p.a., BP p.m.), per transaction, or in percent per annum, on the value of the financial volume under management and are quoted exclusive of VAT. One basis point equals 0.01%.

Client groups

In principle, for services with sliding-scale prices and rebates, the volumes of a client group are taken into account. At SIX SIS and SIX x-clear Ltd, the following conditions must be met in order to maintain a client group:

Institutions must have a parent company/subsidiary relationship or be part of a holding company and these participations must be consolidated in the same group financial statements.

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In calculating prices, this has the following impact:

- when granting a volume rebate, all relevant volumes (e.g. custody account assets, transactions) of the group are taken into consideration, i.e. rebates are granted based on the group volumes.
- Volume-based prices apply based on the group volume.

Business Partners that are not part of a group will be treated as an individual client accordingly. The volumes of Assigned Business Partners (ABP) are already consolidated at the level of the top-level Business Partner, meaning a client with an ABP will benefit, for example, from volume rebates that are granted to the entire client group.

Third-party fees

The sections for the individual services also list the associated third-party fees, which are passed on to clients as necessary. In general, the fees listed are so-called “out-of-pocket” fees, which are passed on to clients in full. In some cases, flat rates may apply.

1.2 Rebate models (individual service level)

The volume-based rebate model that applies in the price lists of SIX SIS and SIX x-clear Ltd is structured as a sliding scale rebate model. With this model, each level of the sliding scale must be passed through, i.e. the rebate rate only applies to the volume at the respective level. The average rebate rate/price applied is shown on the invoice.

Example of sliding scale rebate

In the event of level 3 being reached for the total volume:

1. No rebate is granted for the volume at level 1.
2. For the volume at level 2, the rebate valid for level 2 is granted.
3. For the volume at level 3, the rebate valid for level 3 is granted.
4. (No volume in level 4 or above)

2.0 CCP clearing services

2.1 Cash Products

Membership contributions are charged on a monthly pro rata basis for each Clearing Member ID that is actively set up in SIX x-clear Ltd's clearing system. The contributions for Non-Clearing Members (NCMs) are charged to the respective General Clearing Member (GCM).

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Designation	Type	Rate in CHF p.a.	VAT	Code
Clearing membership fee (SIX x-clear)	ICM	20,000.00	0.00%	1000
	GCM	20,000.00		
	NCM	2,900.00		

SIX x-clear Ltd is introducing a new pricing for clearing transactions of cash products, applicable for new customers and all Members without a flat price of CHF 0.0050 per transaction from new trading venues (hereinafter referred to as “old onboarding agreement”).

SIX x-clear Ltd Members with an ongoing old onboarding agreement can choose between the following two options:

1. Taking no action: As a consequence, the old pricing continues to be applied until all old onboarding agreements expire. At the same time, this means that no new onboarding agreement (details in table below) can be entered into.
2. Terminating their old onboarding agreement in writing by the 20th of a month with effect as of the end of the month. After this voluntary waiver of the old onboarding agreement, the new tariff (without new onboarding agreement) will be charged from the following month onwards.

Designation	Rate in CHF	VAT	Code
Clearing transactions: equity (SIX x-clear)	According to monthly volume as per below table	0.00%	1100

Tiers	Monthly clearing transaction volume		New pricing	Old pricing
	From	To	Fee per transaction (in CHF)	Fee per transaction (in CHF)
1	1	150,000	0.0800	0.0800
2	150,001	500,000	0.0400	0.0400
3	500,001	2,500,000	0.0150	0.0150
4	2,500,001	5,000,000	0.0070	0.0070
5	5,000,001	10,000,000	0.0025	0.0030
6	10,000,001	and above	0.0015	0.0030
Scope of continuous tier pricing			Group volume incl. “new volume” (from the onboarding of new trading venues)	Group volume excl. “new volume” (from the onboarding of new trading venues)
Terms of the onboarding agreement ¹⁾			New onboarding agreement: Discount of 25% on applicable average transaction price as per above table	Old onboarding agreement: Flat price of CHF 0.0050 per transaction

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Tiers	Monthly clearing transaction volume	New pricing	Old pricing
Duration of onboarding agreement		New onboarding agreement: For a period of two years after onboarding of a new trading venue	Old onboarding agreement: Until expiration only
Prerequisites for entering into an onboarding agreement		No ongoing old onboarding agreement: New volume from the onboarding of new trading venues	Not possible (old onboarding agreement no longer available)

¹⁾To ensure continued trading venue neutrality, SIX x clear Ltd has decided to exclude the Oslo Børs market/segment from consideration for an onboarding agreement.

For the new pricing (see middle section), the entire clearing transaction volume of the Member's client group is always considered (i.e. including any "new volume" from the onboarding of new trading venues).

1. Taking the entire client group volume, every tier of the above pricing model has to be passed through to compute the applicable average transaction price. The applicable average transaction price is then applied across all clearing transactions of the Member.
2. On any "new volume" from the onboarding of new trading venues, the Member will benefit from a 25% discount on the applicable average transaction price (new onboarding agreement).

Please see the following sample for easy reference:

- Input assumptions: total client group volume of 3.5 million clearing transactions, broken down into existing volume of 2.5 million transactions and "new volume" of 1.0 million transactions
- Calculation of applicable average transaction price:

Tier 1:	150,000 trx at CHF 0.0800 =	CHF	12,000
Tier 2:	350,000 trx at CHF 0.0400 =	CHF	14,000
Tier 3:	2,000,000 trx at CHF 0.0150 =	CHF	30,000
Tier 4:	1,000,000 trx at CHF 0.0070 =	CHF	7,000
Total:	3,500,000 trx	CHF	63,000

Applicable average trx price = CHF 63,000 / 3,500,000 trx = **CHF 0.0180 p/trx**

- Calculation of transaction price according to onboarding agreement for "new volume" (i.e. from the onboarding of new trading venues):

Onboarding agreement trx price = CHF 0.0180 x (1 - 25%) = **CHF 0.0135 p/trx**

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- Calculation of Member's clearing fee results:

Standard clearing volume	2,500,000 trx at CHF 0.0180 p/trx =	CHF	45,000
"New volume"	1,000,000 trx at CHF 0.0135 p/trx =	CHF	13,500
Total clearing fee charges of the month		CHF	58,000

A value-based tariff structure applies to fixed income clearing transactions. The clearing fee is calculated per gross trade value of CHF 10,000.

A minimum activity charge (MAC) applies per clearing member **only** if the monthly clearing fee (fixed income) is lower than CHF 100 and the clearing member has executed at least one trade on fixed income products during the month.

Designation	Calculation method	Rate in CHF	VAT	Code
Clearing fee fixed income	Per CHF 10'000 gross trade value	0.005	0.00%	1110
Minimum activity charge (fixed income)	Per month with at least one trade	100.00	0.00%	1110

Designation	Rate in CHF	VAT	Code
Clearing margin call (SIX x-clear)	25.00	0.00%	1200

3.0 Settlement-related fees

3.1 Settlement (SIX x-clear Ltd)

SIX x-clear Ltd does not charge its members for SIX Swiss Exchange (SSX) settlements for the time being. Any other settlements – incl. cross-netted SIX Swiss Exchange (SSX) settlements netted by SIX x-clear Ltd – are charged as follows:

Designation	Calculation method	Rate in CHF	VAT	Code
SIX x-clear CCP settlement domestic	per settlement	1.05	0.00%	2100
SIX x-clear T2S CCP settlement domestic	per Settlement	1.05	0.00%	2110

Designation	Calculation method	Rate in CHF	VAT	Code
SIX x-clear CCP settlement international	per settlement	see below	0.00%	2600

Domestic market		ID of SCO/CSD	Rate in CHF
BE	Belgium	NL.100'003	2.10
DK	Denmark	DK.100'033	3.40
DE	Germany	DE.100'408	1.60
ES	Spain	ES.100'228	2.95

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Domestic market		ID of SCO/CSD	Rate in CHF
FI	Finland	FI.100'168	3.40
FR	France	NL.100'003	2.10
GB	United Kingdom	GB.101'985	1.05
IE	Ireland	GB.101'985	1.05
IT	Italy	IT.100'054	2.10
NL	Netherlands	NL.100'003	2.10
NO	Norway	NO.150'010	2.80
AT	Austria	AT.100'042	4.10
PT	Portugal	PT.100'002	4.10
SE	Sweden	SE.100'041	2.10
CZ	Czech Republic	CZ.100'012	22.00
HU	Hungary	HU.100'016	11.00

Special markets			
CBn	Clearstream Banking, Luxembourg	LU.100'060	3.90
ECn	Euroclear Bank equities	BE.100'519	7.00
ECb	Euroclear Bank bonds	BE.100'519	2.90

Additional costs (e.g. late or failed submission of orders) are calculated as follows:

Designation	Rate in CHF	VAT	Code
CCP Settlement exceptions	see below	0.00%	2710

SCO	Definition	Rate in CHF
Other	Third-party costs incurred	Actual costs

Please note that SIX x-clear Ltd passes on any third-party costs that are incurred in relation to additional expenses caused by clients. This may include cancellations, manual instructions or manual corrections.

3.2 Non-standard settlement (SIX x-clear Ltd)

For SIX x-clear Members making use of the new non-standard settlement service by instructing the use of an alternative settlement currency for bilateral pre-negotiated trades that are executed on-exchange, the following fees apply:

Designation	Calculation method	Rate in CHF	VAT	Code
Non-standard settlement	Per CHF 10,000 gross trade value	0.05	0.00%	2630

Please note that the special promotion of 100% discount on this non-standard settlement fee has been prolonged until 30 September 2019. Thereafter, the above fees will be charged for this service.

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Please note that all SIX x-clear Ltd standard clearing and CCP settlement fees continue to apply, including but not limited to fee codes 1000 "x-clear membership", 1100 "x-clear clearing transactions equities" and 2600 "x-clear CCP settlement international".

To facilitate the reconciliation of non-standard settlement fees, SIX x-clear Members will receive a monthly transaction report (i.e. per NCM/ICM).

3.3 Late/failed settlements (SIX x-clear Ltd)

Timely settlement significantly improves settlement efficiency and system security. For equity transactions with a CCP that do not settle on the value date (delayed/failed settlements), the following rates apply:

SIX x-clear Ltd

1. charges a penalty fee for late/failed settlements due to a lack of securities or an instruction mismatch; and
2. can attempt to borrow securities in order to make up the shortfall in holdings and can charge its Members any costs incurred in this respect.

In order to comply with the EU regulation on short-selling, the failing party is charged a late settlement fee per day and settlement. This fee is charged for each day until the corresponding obligation is actually fulfilled. The fees are collected on a monthly or ad hoc basis. This regime applies for all trading venues on which SIX x-clear Ltd trades as a CCP.

Designation	Definition	Rate in CHF	VAT	Code
CCP Settlement domestic late/failed	Flat fee per failed settlement per day	20.00	0.00%	2410
CCP Settlement international late/failed	Flat fee per failed settlement per day	20.00	0.00%	2910

For identified segments of SIX Swiss Exchange (MIC XSWX) and London Stock Exchange (MIC XLON), a special price is applied for late settlement charges.

Designation	Definition	Rate in CHF	VAT	Code
CCP Settlement domestic late/failed	Flat fee per failed settlement per day	3.00	0.00%	2410
CCP Settlement international late/failed	Flat fee per failed settlement per day	3.00	0.00%	2910

In many markets, late settlement fees as well as securities lending and borrowing (SLB) fees are charged at the place of settlement. Please note that SIX x-clear Ltd passes on

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all third-party fees resulting from late settlements to the clearing members who failed to deliver to SIX x-clear Ltd.

Designation	Rate in CHF	VAT	Code
Settlement late/failed third-party fees	actual costs	0.00%	8110

In the event of a so-called "gridlock situation", only the party actually (initially) responsible is charged. No further discounts are possible.

Note on shaped orders: SIC guidelines discourage participants from carrying out settlements of over CHF 100 million. Accordingly, orders for settlement amounts of over CHF 100 million can be shaped into smaller orders in multiples of a maximum of CHF 100 million each.

3.4 Administration fee for buy-in

If settlements reach the buy-in date, SIX x-clear Ltd attempts to carry out a buy-in for the securities concerned. The administration fee for the buy-in is charged to the failing member for each buy-in after it is carried out.

The failing Member is obliged to match the buy-in after execution and instruction received from SIX x-clear Ltd until the intended settlement date of the buy-in. Should the buy-in instruction not be matched by the failing member by EOD on the intended settlement date, a late matching buy-in fee will occur. This late matching fee will be raised for each additional day on which the buy-in instruction remains unmatched.

Designation	Definition	Rate in CHF	VAT	Code
CCP Buy-in administration fee	Amount per buy-in	150.00	0.00%	2450
Late matching buy-in fee	Amount per settlement day after buy-in	300.00	0.00%	2450

The costs for the buy-in, including third-party costs, are charged separately to the failing member after each buy-in occurs.

4.0 Collateral management

Please note that SIX x-clear Ltd passes on any third-party costs that are incurred in relation to the management of a member's collateral.

5.0 Reporting and communication

Most reporting and communication services (data volumes customary in the industry) are included in the annual membership fee or the volume-related service fee (see SIX x-clear Ltd Business Partner Specifications - Volume 5). In the event of excessive

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reporting requirements (e.g. data volumes), SIX x-clear Ltd reserves the right to invoice the additional costs under the "Special efforts - Miscellaneous" fee codes.

5.1 SIX x-clear Ltd SWIFT outgoing messages

SWIFT messages that are sent by x-clear on behalf of its clearing member (i.e. to member or to a third party) will be charged to ICM or GCM as follows.

Designation	Definition	Rate in CHF	VAT	Code
SWIFT outgoing messages	Per message	0.20	7.70%	5260

6.0 Special services

6.1 Extraordinary services

Extraordinary services which are not included in the tariff (i.e. in the published prices), are charged on a time-spent basis. Generally, these services are subject to VAT. A non-exhaustive list of extraordinary services is given below.

Designation	VAT	Code
Special efforts - Miscellaneous (without VAT)	0.00%	5510
Special efforts - Miscellaneous (with VAT)	7.70%	5515

Explanation	Definition	Rate in CHF
Support/personnel expenses (per hour)	Monday to Friday, during office hours (8 a.m. to 6 p.m. CET)	230.00
	Monday to Friday, outside office hours	345.00
	On weekends and public holidays	460.00
Basic fee for use of support system (outside office hours)	Test environment	1,000.00
	Production environment	2,000.00
Support/System costs (per hour)	Computer usage, monitoring	500.00
Standardized special reports	Standardized special reports for (max.) last three calendar months	250.00
	Regeneration of a SECOM report within one year	
Standardized special reports for up to last three calendar months as standing order with predefined times of generation.	Initial costs for generation/programming of evaluations incl. initial report	250.00
	Each additional regeneration of report from second regeneration	100.00
Special data evaluations	Initial costs for generating/programming of evaluations	800.00
	Additional data preparation costs, per	200.00

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Explanation	Definition	Rate in CHF
	number of calendar months passed (start of report period)	
Confirmation of business relation		250.00

In this context, SIX x-clear Ltd draws the Members' attention to clauses **7.1 lit. f. and 25.3** General Terms and Conditions of SIX x-clear Ltd stipulating that the Member bears responsibility for the tax requirements and consequences of clearing with x-clear pursuant to the Applicable Law and that SIX x-clear Ltd assumes no liability for any charges or other negative consequences arising in conjunction with clearing through SIX x-clear Ltd. that are a result of tax laws or ordinances issued by tax authorities pursuant to the Applicable Law.

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