

EBICS connection parameters

Datalink

Connection parameters EBICS

URL	https://ebicsweb.zkb.ch/ebicsweb
Hostname	ZKBKCHZZ
Port	443
EBICS version	2.5 (scheme version: H004) 3.0 (scheme version: H005)
Accepted Keys	Authentication/Encryption: X002/E002
Electronic signature	Signature: A005 und A006
Customer ID/User ID	Corresponds to the Datalink agreement number

By using corporate seal, the user ID and the customer ID are identical and correspond to the datalink agreement number. Exactly one user ID is assigned to a Datalink agreement, which is given the signature class individual signature (E). We recommend the release of payment orders over eBanking.

Public EBICS bank keys or certificates of Zürcher Kantonalbank

EBICS version	Authentication X002	Encryption E002
H004 and H005	03 B1 E7 F5 99 3A 0F AD 07 0A 63 59 AC 47 8F F9 86 86 89 4D A0 EF 45 94 17 DC 9B 02 A0 5E D6 42	03 B1 E7 F5 99 3A 0F AD 07 0A 63 59 AC 47 8F F9 86 86 89 4D A0 EF 45 94 17 DC 9B 02 A0 5E D6 42
H005 with certificate	2D 87 A4 82 65 33 9E 90 21 FA FC BE 2B 1C D2 0D FD E9 AD 47 D9 A3 C8 AA 82 1A C9 F3 C9 C2 45 10	6F CE 29 02 6A 99 1F E3 22 CF EE C7 B1 00 3B 9E 65 83 CE 02 68 3B 13 32 74 32 2E 0C 27 C5 96 1C

Order types "administrative"

INI	Send the public bank-technical key (key for the ES/authorisation key)
HIA	Send the public identification and authentication key and the public encryption key
PUB	Send public key for signature verification
SPR	Suspension of access authorisation
HAA	Download retrievable order types
HKD	Download customer and user data
HCA	Amendment of the subscriber keys for identification and authentication and encryption
HCS	Amendment of the subscriber keys for ES, identification and authentication and encryption
HEV	Download supported EBICS versions
HTD	Download user data
HPB	Transfer of the public bank keys
HPD	Download bank parameters
PTK	Download customer protocol
HAC	Download customer acknowledgement (XML-format)

EBICS 2.5 Order types and EBICS 3.0 Bank Transaction Formats (BTF)

Upload (Order type: BTU)

Datalink Service profile "Zahlungen"

EBICS 2.5

Order type Description

EBICS 3.0 Bank Transaction Formats (BTF)

Order type	Description	MsgName	Service Name	Scope	Service Option	Container	Short description
XE2	CH Payment Initiation ^{1, 2}	pain.001@ Version: 03	MCT	CH			XE2
		pain.001@ Version: 09	MCT	CH			MCT_CH_pain.001_09
		pain.001@ Version: –	MCT	CH			MCT_CH_pain.001
XCT	CGI Payment Initiation, CH definitions ^{1, 2}	pain.001@ Version: 03	MCT	CGI	XCH		XCT
		pain.001@ Version: 09	MCT	CGI	XCH		MCT_CH_pain.001_09
		pain.001@ Version: –	MCT	CGI	XCH		MCT_CH_pain.001
CCT	SEPA Payment Initiation ²	pain.001@ Version: 03	SCT	GLB ³			CCT
		pain.001@ Version: 09	SCT	GLB ³			MCT_CH_pain.001_09
		pain.001@ Version: –	SCT	GLB ³			MCT_CH_pain.001
RFT	FIN Payment Initiation ¹	mt101	RFT	GLB ³			RFT

¹ The order type can also be used for multibanking orders to debit third-party bank accounts

² The validation of the message will be done against the CH scheme according to Swiss Payment Standards (SPS) and the bank's own specifications

³ GLB or no field assignment allowed

Note: The SignatureFlag must always be included. Orders without SignatureFlag will be rejected.

Datalink Service profile "Debit orders"

EBICS 2.5

Order type Description

EBICS 3.0 Bank Transaction Formats (BTF)

Order type	Description	MsgName	Service Name	Scope	Service Option	Container	Short description
XL1	CH Direct Debit Initiation	ta875	DDD	CH			XL1

Download (Order type: BTD)

Status protocols

EBICS 2.5

Order type Description

EBICS 3.0 Bank Transaction Formats (BTF)

Order type	Description	MsgName	Service Name	Scope	Service Option	Container	Short description
Z01	CH Payment Status Report	pain.002@ Version: 03	PSR	CH		ZIP	Z01
		pain.002@ Version: 10	PSR	CH		ZIP	PSR_CH_pain.002_10_-_ZIP
		pain.002@ Version: –	PSR	CH		ZIP	PSR_CH_pain.002_-_ZIP

EBICS 2.5

Order type Description

Z52 CH Intraday Statement

EBICS 3.0 Bank Transaction Formats (BTF)

MsgName Service Name Scope Service Option Container Short description

Z52	CH Intraday Statement	camt.052@ Version: 04	STM	CH	–	ZIP	Z52
		camt.052@ Version: 08	STM	CH	–	ZIP	STM_CH_camt.052_08_-_ZIP
		camt.052@ Version: –	STM	CH	–	ZIP	STM_CH_camt.052_-_ZIP
VMK	CH Intraday Statement	mt942	STM	CH	–		VMK
Z53	CH Account Statement	camt.053@ Version: 04	EOP	CH	–	ZIP	Z53
		camt.053@ Version: 08	EOP	CH	–	ZIP	EOP_CH_camt.053_08_-_ZIP
		camt.053@ Version: –	EOP	CH	–	ZIP	EOP_CH_camt.053_-_ZIP
STA	CH Account Statement	mt940	EOP	CH	–		STA
ZK6	FIN FI Account Statement	mt950	EOP	GLB ¹	–		ZK6

¹ GLB or no field assignment allowed**EBICS 2.5**

Order type Description

EBICS 3.0 Bank Transaction Formats (BTF)

MsgName Service Name Scope Service Option Container Short description

Z52	CH Additional Booking Information Report	camt.054@ Version: 04	REP	CH	XDCI	ZIP	Z52
		camt.054@ Version: 08	REP	CH	XDCI	ZIP	REP_CH_camt.054_08_XDCI_ZIP
		camt.054@ Version: –	REP	CH	XDCI	ZIP	REP_CH_camt.054_-_XDCI_ZIP
ZK1	FIN Confirmation of Debit	mt900	STM	GLB ¹	–		ZK1
ZK2	FIN Confirmation of Credit	mt910	STM	GLB ¹	–		ZK2
Z54	CH Additional Aggregate Booking Details Report, Debit transactions only	camt.054@ Version: 04	REP	CH	XABK	ZIP	Z54
		camt.054@ Version: 08	REP	CH	XABK	ZIP	REP_CH_camt.054_08_XABK_ZIP
		camt.054@ Version: –	REP	CH	XABK	ZIP	REP_CH_camt.054_-_XABK_ZIP
ZDF	CH Bank provided Documents, PDF	documents	DAR	CH	–	ZIP	ZDF
ZST	Account Statement, Multibanking	mt940	EOP				ZST
ZVM	Intraday Statement, Multibanking	mt942	STM				ZVM

¹ GLB or no field assignment allowed

EBICS 2.5

Order type Description

EBICS 3.0 Bank Transaction Formats (BTF)

MsgName Service Name Scope Service Option Container Short description

Z54	CH Additional Aggregate Booking Details Report, received Structured Reference transactions only (QRR, SCOR, DD, IP)	camt.054@ Version: 04	REP	CH	–	ZIP	Z54
		camt.054@ Version: 08	REP	CH	–	ZIP	REP_CH_camt.054_08_-_ZIP
		camt.054@ Version: –	REP	CH	–	ZIP	REP_CH_camt.054_-_ZIP
ZB6	CH Additional Aggregate Booking Details Report, received DDD (Direct Debit) transactions only	v11	REP	CH	–		ZB6
ZQR	CH Additional Aggregate Booking Details Report, received QRR transactions only	camt.054@ Version: 04	REP	CH	XQRR	ZIP	ZQR
		camt.054@ Version: 08	REP	CH	XQRR	ZIP	REP_CH_camt.054_08_XQRR_ZIP
		camt.054@ Version: –	REP	CH	XQRR	ZIP	REP_CH_camt.054_-_XQRR_ZIP
ZRF	CH Additional Aggregate Booking Details Report, received SCOR transactions only	camt.054@ Version: 04	REP	CH	XSCR	ZIP	ZRF
		camt.054@ Version: 08	REP	CH	XSCR	ZIP	REP_CH_camt.054_08_XSCR_ZIP
		camt.054@ Version: –	REP	CH	XSCR	ZIP	REP_CH_camt.054_-_XSCR_ZIP
ZS3	CH Additional Aggregate Booking Details Report, received DDD transactions only	camt.054@ Version: 04	REP	CH	XDDD	ZIP	ZS3
		camt.054@ Version: 08	REP	CH	XDDD	ZIP	REP_CH_camt.054_08_XDDD_ZIP
		camt.054@ Version: –	REP	CH	XDDD	ZIP	REP_CH_camt.054_-_XDDD_ZIP

Technical specifications of the order types "Download"

Order type

Comments

STA	– Are provided concatenated in one file – For a new Datalink contract, the account statement number will be generated with the currently valid daily statement number
VMK	Are provided in a file every 15 minutes during the day (only delta delivery)
HAC, PTK	Are provided concatenated in one file
ZB6	Are provided concatenated in one file (per day and Customer Id one totalrecord)

The currently valid order types are published on zkb.ch/datalink.

File naming

The file name of a downloaded file (e.g. mt940, mt942, ZIP) is always generated by the EBICS client (customer software). The file names of the files contained in a ZIP container (e.g. PDF, XML) are created by the bank as follows:

pain.002 Status Report	2024-04-17_Z01_4215308_N02W_401405.xml <Provision date[YYYY-MM-DD]>_<EBICS order type>_<EBICS order ID>_<EBICS order number[AAAA]>_<Application ID>_<File extension>
camt.052 Intraday Statement	2021-05-28_Z52_CH0800700123456789123_CHF_175756.xml <Collection date[YYYY-MM-DD]>_<EBICS order type>_<IBAN>_<Account currency>_<Application ID>_<File extension>
camt.053 Account Statement	2024-04-17_Z53_CH1800700110007450372_CHF_411445.xml <Collection date[YYYY-MM-DD]>_<EBICS order type>_<IBAN>_<Account currency>_<Application ID>_<File extension>
camt.054 Additional Aggregate Booking Details Report	2024-04-16_Z54_00703191_Z54_E00000002C2030DF_20240416_05.01.16.737.camt.054.xml <Provision Date[YYYY-MM-DD]>_<EBICS order type>_<EBICS user ID>_<EBICS order type>_<Report ID[ZKB reference]>_<YYYYMMDD[Creation Date]>_<Timestamp[HH.MM.SS.MSK]>_<camt>_<ISO message number>_<File extension>
camt.054 Additional Aggregate Booking Details Report with QR/SCOR customer ID	2024-04-22_Z54_00701234_Z54_E00000002C23DAF9_987654_20240422_05.01.16.170.camt.054.xml <Provision Date[YYYY-MM-DD]>_<EBICS order type>_<EBICS user ID>_<EBICS order type>_<Report ID[ZKB reference]>_<customer ID[NNNNNN]>_<YYYYMMDD[Creation Date]>_<Timestamp[HH.MM.SS.MSK]>_<camt>_<ISO message number>_<File extension>
PDF Bank provided documents	2021-06-16_ZDF_210615_Belastung_Firmenkonto_CH8300700113100012345_1603777068950.pdf <Provision Date[YYYY-MM-DD]>_<EBICS order type>_<YYMMDD[Creation Date]>_<Document title>_<rubric or business number>_<Business no.>_<Timestamp[Time in milliseconds]>_<File extension>