

The following versions are available: EBICS 2.5 (H004) and 3.0 (H005)

Connection parameters

URL	ebics.bcv.ch/ebics.aspx
Host ID	BCVDEBICS
Port	443
EBICS versions	2.5 (H004) /3.0 (H005)
Authentication key	X002
Encryption key	E002
Electronic signature	A005/A006

Hash values of BCV's public keys

Authentication key X002

98	72	63	96	07	c5	72	7d	55	ad	a4	b0	eb	f5	39	56
0b	d0	cd	3d	46	21	ac	23	43	ea	db	8a	32	39	b6	02

Encryption key E002

d0	d3	59	14	98	12	11	f5	7a	51	3c	a5	56	f4	52	c4
80	12	41	34	09	98	b9	67	90	46	f5	f8	ed	71	e2	69

System order types

INI	Initialization: send public bank key
HIA	Initialization: send public authentication and encryption key
HPB	Retrieve BCV's public key
HTD	Retrieve customer and user data (single user)
HKD	Retrieve customer and user data (all users)
HAA	Retrieve accessible order types (business transaction formats, BTF)
HAC	Retrieve customer protocol (processing status, order data)
HCS	Update electronic signature and EBICS user keys

Order types

Order types		EBICS 2.5	EBICS 3.0 (BTF)					
Outgoing data	File	Order type	Upload/ Download	Service name	Scope	Container	MsgName	Version
Swiss Payment Standards format (based on 2009 version of ISO20022 format), xml file	pain.001	XE2	BTU	MCT	CH	-	pain.001	03
Swiss Payment Standards format (based on 2019 version of ISO20022 format) ² , xml file	pain.001	-	BTU	MCT	CH	-	pain.001	09
Incoming data								
Payment status reports in ISO-20022 format, xml file	pain.002 ¹	Z01	BTD	PSR	CH	ZIP	pain.002	03
Provisional bookings in ISO-20022 format, xml file	camt.052 ¹	Z52	BTD	STM	CH	ZIP	camt.052	04
End-of-day bookings in ISO-20022 format, xml file	camt.053 ¹	Z53	BTD	EOP	CH	ZIP	camt.053	04
Collective bookings (QR-IBAN) in ISO-20022 format, xml file	camt.054 ¹	Z54	BTD	REP	CH	ZIP	camt.054	04
End-of-day bookings in SWIFT format, txt file	MT940	STA	BTD	EOP	CH	-	mt940	-
Electronic account documents (e-documents)	PDF1	ZDF	BTD	DAR	CH	ZIP	documents	-

¹ These files are always delivered as a ZIP.

² Only via EBICS 3.0

More information on EBICS 3.0

- EBICS 3.0 is a more harmonized version of the protocol. Instead of the above order types, business transaction formats (BTFs) are used to identify outgoing transactions (BTU, Upload) and incoming transactions (BTD, Download).
- This version is even more secure, as the keys are transmitted in the form of certificates (X.509) that must be at least 2,048 bits long.

Migrating from EBICS 2.5 to EBICS 3.0

- You need to make sure that your financial software is compatible with EBICS 3.0 (H005) and that the necessary BTF parameters have been configured.
- Bank keys must be at least 2,048 bits long. If necessary, keys can be updated using the HCS order type.
- BCV's public keys must be retrieved as a certificate (using the HPB order type).
- To facilitate your migration, SIX has drawn up a table that maps EBICS 2.5 to 3.0 (link to document available here: www.bcv.ch/ebics).

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