

PAYONE PLATFORM

Test procedures and test data

Version: 1.0.29

Table of Contents

Table of Contents.....	2
Preface	4
1 Notes	5
2 Credit card (no 3-D secure)	7
2.1 VISA	7
2.2 MasterCard	7
2.3 American Express	7
2.4 JCB	7
2.5 Maestro International.....	7
2.6 Maestro UK	8
2.7 Carte Bleue.....	8
2.8 Diners Club	8
2.9 Discover.....	8
2.10 Negative test cases with credit cards	9
3 Credit card (with 3-D secure)	12
3.1 VISA (Verified by VISA)	12
3.2 MasterCard (MasterCard SecureCode).....	12
3.3 American Express (Safekey)	12
3.4 JCB (J/Secure).....	13
3.5 Maestro International.....	13
3.6 Maestro UK	13
4 Bank transfer (prepayment/invoice)	14
4.1 Standard prepayment / invoice	14
4.1.1 Full payment	14
4.1.2 Underpayment.....	14
4.1.3 Overpayment	14
4.1.4 Payment in two steps	14
4.2 Secure purchase on invoice	15
5 Direct debit (ELV)	16
5.1 Create a mandate (managemandate).....	16
5.2 Download a SEPA-mandate (getfile).....	16
5.3 Germany (DE) / Austria (AT)	17
6 Online bank transfer.....	19
6.1 SOFORT-Überweisung / Sofortbanking (Germany)	19
6.2 giropay	19

6.3	EPS (Austria).....	19
6.4	iDEAL (Netherlands).....	20
7	PayPal	20
8	Paydirekt.....	20
9	Financing.....	21
9.1	BillSAFE.....	21
9.1.1	BillSAFE B2B	21
9.1.2	BillSAFE B2C	21
9.2	Klarna	21
10	Creditworthiness, address check and address validation	22
10.1	Address check	22
10.1.1	Address check PAYONE Basic (addresschecktype=BA).....	22
10.1.2	Address check PAYONE Person (addresschecktype=PE)	23
10.1.3	Address check Boniversum Basic (addresschecktype=BB)	24
10.1.4	Address check Boniversum Person (addresschecktype=PB)	25
10.2	Creditworthiness.....	26
10.2.1	Creditworthiness Arvato Infoscore (type=IA, IB, IF, IH).....	26
10.2.2	Creditworthiness Boniversum (type=CE).....	33
10.2.3	Creditworthiness SCHUFA (type=SFS/SFM)	37
11	BankAccountCheck.....	43
11.1.1	Common remarks	43
11.1.2	Test data for „bankaccountcheck“, various countries.....	44
11.1.3	Decline by POS Sperrliste for „bankaccountcheck“ (only DE)	48
12	BIN check	49
12.1	Germany.....	49
12.2	Austria	49
12.3	Switzerland.....	49
13	IP check.....	50
13.1	Germany.....	50
13.2	Austria.....	50
13.3	Switzerland.....	50

Preface

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History of changes

Changes		
Date	Version	Comments
2018-12-05	1.0.28	<ul style="list-style-type: none">• The change history is maintained from now on• Footnote for “managemandate” for test mode removed. All supported languages are supported in test mode as well.
2019-01-30	1.0.29	<ul style="list-style-type: none">• New IBANs in test mode have been added to SEPA direct debit authorization to create SEPA mandates with shortened expiration time.• TEST-PAN for JCB is not working actually. We are going to provide valid Test-PANs (for JCB) soon.

1 Notes

Mode "test" / "live":

- Basically all API-requests can be used in mode "test" and "live" in the same way. But please note that the processes may differ slightly different in mode "test" and "live". So in mode "test" a lot of downstreamed processes are simulated by the PAYONE Platform and are not forwarded to other service providers.
- Please also note that you should not use any live data in mode "test". The PAYONE Platform offers a set of test data to simulate several test cases in payment processing. Please request the document "PAYONE Platform Test procedures and test data".
- Attention: Requests in mode "live" are always processed and forwarded to service providers – even if test data are used. By this additional cost may come up (e.g. by post delivery of documents or by chargebacks).
- Please note that the intention for mode "test" in the PAYONE Platform is to exercise and to test the behavior of the PAYONE Platform – the intention is not to serve for regression / integration tests.
- Number of transaction in mode "test" is limited. If limit is reached error code 2010 is returned.
- Please note that transactions and their data in mode "test" may be deleted after 3 months.

Costs:

- Please note that depending on the transaction type used costs may occur in addition to transaction fees. See our List of Prices and Services for details.

2 Credit card (no 3-D secure)

These credit card numbers (PAN) will simulate successful payment transactions. As processing is identical for all credit card types a test with a single type is sufficient.

Tip: Use any date in the future as the expiry date.

2.1 VISA

Credit card number PAN DE	4111111111111111
Credit card number PAN AT	4111121011111111
Credit card number PAN CH	4111131010111111
CVC / CVV	any combination of 3 digits

2.2 MasterCard

Credit card number PAN	5500000000000004
CVC / CVV	any combination of 3 digits

2.3 American Express

Credit card number PAN	3400000000000009
CVC / CVV	any combination of 3 digits

2.4 JCB

Credit card number PAN	3088000000000009
CVC / CVV	any combination of 3 digits

2.5 Maestro International

Credit card number PAN	5000000000000009
CVC / CVV	any combination of 3 digits

2.6 Maestro UK

Credit card number PAN	6759000000000000
CVC / CVV	any combination of 3 digits
Card sequence number	any single digit

2.7 Carte Bleue

Credit card number PAN	4973010000000004
CVC / CVV	any combination of 3 digits

2.8 Diners Club

Credit card number PAN	300000000000004
CVC / CVV	any combination of 3 digits

2.9 Discover

Credit card number PAN	601111111111117
CVC / CVV	any combination of 3 digits

2.10 Negative test cases with credit cards

Requests with credit cards resulting in response type "INVALID" ¹ and defined error code			
TEST PAN for PreAuth / Auth (Parameter "cardpan")	TEST PseudoCard for PreAuth / Auth (Parameter "pseudocardpan")	Error code	Description
4301111100000101	94100090000000000102	1	Card Issuer temporarily not available
4301111100000200	94100090000000000201	2	Authorization declined
4301111100000408	94100090000000000409	4	Retain card
4301111100000507	94100090000000000508	5	Authorization declined
4301111100000705	94100090000000000706	7	CVC2/CVV2 mandatory, but not transmitted or invalid
4301111100001208	941000900000000001209	12	Transaction invalid
4301111100001307	941000900000000001308	13	Limit exceeded
4301111100001406	941000900000000001407	14	Invalid Card
4301111100003006	941000900000000003007	30	Format Error in request message (e.g. CVC missing).
4301111100003105	941000900000000003106	31	Card type invalid

¹ For technical reasons all credit card numbers will result in "INVALID" and a given error code. The API may respond with "ERROR" instead of "INVALID" in some times – however the error code remains the same.

Requests with credit cards resulting in response type "INVALID"¹ and defined error code

TEST PAN for PreAuth / Auth (Parameter "cardpan")	TEST PseudoCard for PreAuth / Auth (Parameter "pseudocardpan")	Error code	Description
4301111100003402	9410009000000003403	34	Suspicion of Manipulation
4301111100004301	94100090000000004302	43	Stolen Card
4222222200005506		55	Incorrect secret code
4301111100005605	94100090000000005606	56	Unknown Card
4222222200005704		57	Cancellation: Wrong card has been used as for original authorization
4222222200005803		58	Terminal ID unknown
4222222200006009		60	Card acceptor must contact the acquirer
4301111100006207	94100090000000006208	62	Restricted Card
4222222200006306		63	Card is not allowed. Card is blocked.
4222222200006405		64	Transaction amount is different from authorization.
4301111100009102	94100090000000009103	91	Card issuer temporarily not reachable
4301111100070104	94100090000000070105	701	Payment rejected by the BIN-Check

Requests with credit cards resulting in response type "INVALID" ¹ and defined error code			
TEST PAN for PreAuth / Auth (Parameter "cardpan")	TEST PseudoCard for PreAuth / Auth (Parameter "pseudocardpan")	Error code	Description
4301111100070203	94100090000000070204	702	Payment rejected due to the BIN-Country
4301111100072209	94100090000000072200	722	Payment rejected by the Velocity-Cardpan-Check
4301111100073207	94100090000000073208	732	Payment rejected by the Blacklist-Cardpan-Check

Attention: CreditCardCheck actually never does any communication to the acquirer. **So these return codes will actually not happen in live mode and will only be detected with authorization / preauthorization.**

3 Credit card (with 3-D secure)

These credit card numbers (PAN) will simulate successful payment transactions for cards taking part in 3-D Secure. The processing is again identical for all credit card types. A test with a single type is sufficient.

Tip: The 3-D Secure password for all credit cards is 12345. Use any date in the future as the expiry date.

3.1 VISA (Verified by VISA)

Credit card number PAN	4012001037141112
CVC / CVV	any combination of 3 digits

3.2 MasterCard (MasterCard SecureCode)

Credit card number PAN	5453010000080200
	2720990000000007
CVC / CVV	any combination of 3 digits

3.3 American Express (Safekey)

Credit card number PAN	340000000001114
CVC / CVV	any combination of 4 digits

3.4 JCB (J/Secure)

Credit card number PAN	3528450131003315
CVC / CVV	any combination of 3 digits

3.5 Maestro International

Credit card number PAN	67012345678901236
CVC / CVV	any combination of 3 digits
Card sequence number	any single digit

3.6 Maestro UK

Credit card number PAN	6759120000001111 or 67012345678902341 or 67030400000082003
CVC / CVV	any combination of 3 digits
Card sequence number	any single digit

4 Bank transfer (prepayment/invoice)

For payments by bank transfer the incoming payment is simulated by special last names.

4.1 Standard prepayment / invoice²

4.1.1 Full payment

Simulation for a full payment of the requested amount.

Last name (Parameter lastname): Payer

4.1.2 Underpayment

An incoming payment for 95% of the requested amount is simulated.

Last name (Parameter lastname): Underpayer

4.1.3 Overpayment

An incoming payment for 105% of the requested amount is simulated.

Last name (Parameter lastname): Overpayer

4.1.4 Payment in two steps

An incoming payment for 95% of the requested amount is simulated first. Then shortly after a second incoming payment is simulated completing the requested amount.

Last name (Parameter lastname): Splitpayer

² clearingtype=rec, country=DE or country=AT, ...

4.2 Secure purchase on invoice

Requests for			
<ul style="list-style-type: none"> clearingtype=rec, clearingsubtype=POV clearingtype=elv, clearingsubtype=POD 			
Parameter	given value	result	comment
amount	100350	errorcode = 350	Payment guarantee expired
amount	100351	errorcode = 351	Payment guarantee rejected
amount	100908	errorcode = 908	Capture Amount too high
amount	101337	errorcode = 1337	invalid address
amount	101610	errorcode = 1610	invalid shopping cart

5 Direct debit (ELV)

5.1 Create a mandate (managemandate)

Note: These test data will not work with Frontend. Frontend is a payment form that is provided by PAYONE Platform (URL <https://frontend.pay1.de/frontend/v2/> or <https://secure.pay1.de/frontend/>). These test data will work with Server-API / Client-API / shop modules (e.g. Magento, Oxid, Shopware, ...).

Get mandate agreement from end customer			
Bank-Country	Bank account / IBAN	Bank Code / BIC	Result
DE	2599100003	12345678	always pending mandate
DE	DE00123456782599100003	TESTTEST	always pending mandate
DE ³	DE85123456782599100003	TESTTEST	always pending mandate
DE	2599100004	12345678	always active mandate
DE ³	DE58123456782599100004	TESTTEST	always active mandate
DE	DE00123456782599100004	TESTTEST	always active mandate
DE	DE00123456782599100004	TESTTESX	Error 887, BIC not valid

5.2 Download a SEPA-mandate (getfile)

Get a SEPA mandate as PDF			
file_reference	file_type	file_format	Result
XX-T0000000	SEPA_MANDATE	PDF	PDF-stream
XX-T0006500	SEPA_MANDATE	PDF	Error 6500
XX-T0006502	SEPA_MANDATE	PDF	Error 6502

³ These test data will be removed. Please use new test data

5.3 Germany (DE) / Austria (AT)

Note:

- Note: These test data will not work with Frontend. Frontend is a payment form that is provided by PAYONE Platform (URL <https://frontend.pay1.de/frontend/v2/> or <https://secure.pay1.de/frontend/>). These test data will work with Server-API / Client-API / shop modules (e.g. Magento, Oxid, Shopware, ...).
- Banks often do not return specific failed causes due to privacy regulations

Direct Debit; SEPA mandates with shortened expire time ⁴			
Bank-Country	IBAN BIC	Bank Code Accountnumber	Result
DE	DE00123456782599100010 TESTTEST	12345678 2599100010	Mandate is valid for 10 minutes from creation/last usage
DE	DE00123456782599100011 TESTTEST	12345678 2599100011	Mandate is valid for 30 minutes from creation/last usage
DE	DE00123456782599100012 TESTTEST	12345678 2599100012	Mandate is valid for 60 minutes from creation/last usage
DE	DE00123456782599100013 TESTTEST	12345678 2599100013	Mandate is valid for 1400 minutes (1 day) from creation/last usage
DE	DE00123456782599100014 TESTTEST	12345678 2599100014	Mandate is valid for 2880 minutes (2 days) from creation/last usage

⁴ These test data will be valid from February 2019

Direct Debit; SEPA mandates valid for 3 years after last usage			
Bank-Country	IBAN BIC	Bank Code Accountnumber	Result
DE	DE85123456782599100003 TESTTEST	12345678 2599100003	Successful direct debit
DE	DE70120300000111111112 TESTTEST	12030000 111111112	Return debit note due to Insufficient funds failedcause: soc, fee: 8,60
DE	DE43120300000111111113 TESTTEST	12030000 111111113	Return debit note because the payer objects to the direct debit failedcause: obj, RLS-Gebühr/CB-fee: 8,60
DE	DE16120300000111111114 TESTTEST	12030000 111111114	Return debit note because Account expired failedcause: cka, RLS-Gebühr/CB-fee: 8,60
DE	DE86120300000111111115 TESTTEST	12030000 111111115	Return debit note because Account no. / name not identical, incorrect or savings account failedcause: uan, RLS-Gebühr/CB-fee: 8,60
DE	DE59120300000111111116 TESTTEST	12030000 111111116	Return debit note because No direct debit failedcause: ndd, RLS-Gebühr/CB-fee: 8,60
DE	DE32120300000111111117 TESTTEST	12030000 111111117	Return debit note because the payer recalls the direct debit failedcause: rcl, RLS-Gebühr/CB-fee: 8,60
DE	DE05120300000111111118 TESTTEST	12030000 111111118	Return debit note because the executing bank returns the direct debit failedcause: ret, RLS-Gebühr/CB-fee: 8,60
AT	AT963500000123456789 TESTTEST		Successful direct debit

6 Online bank transfer

Both procedures will require a PIN and a TAN while completing payment process. This information will be given on the payment site of the provider. So you will only need the bank code and bank account number to start a test payment.

6.1 SOFORT-Überweisung / Sofortbanking (Germany)

Note: These test data will not work with Frontend. Frontend is a payment form that is provided by PAYONE Platform (URL <https://frontend.pay1.de/frontend/v2/> or <https://secure.pay1.de/frontend/>). These test data will work with Server-API / Client-API / shop modules (e.g. Magento, Oxid, Shopware, ...).

For tests please do not send any BIC or IBAN in payment-request. The customer will be redirected to SOFORT and should input a defined test-BIC to finish the payment-process:

DE BIC	SFRTDE20XXX
CH BIC	SFRTCH20XXX

6.2 giropay

Note: These test data will not work with Frontend. Frontend is a payment form that is provided by PAYONE Platform (URL <https://frontend.pay1.de/frontend/v2/> or <https://secure.pay1.de/frontend/>). These test data will work with Server-API / Client-API / shop modules (e.g. Magento, Oxid, Shopware, ...).

IBAN	DE46940594210000012345
BIC	TESTDETT421

For login into the bank-test-system (available in German only) use:

ID	sepatetest1	PIN	12345
Mobilfunknr.	MAS_Test	TAN	123456

6.3 EPS (Austria)

For login into the EPS-test-system (available in German only) use:

Bankinstitut	Erste Bank und Sparkassen TEST
Verfügernummer	108256743
Passwort	npdemo
TAN	11111: TAN is always valid
TAN	22222: returns first TAN error
TAN	33333: returns second TAN error
TAN	44444: returns last TAN try
TAN	55555: returns user is blocked

6.4 iDEAL (Netherlands)

Please notice that the amount in test mode is limited to 3900,00 Euro.

IBAN NL55INGB0000000000, BIC INGBNL2A

6.5 P24

Login = sandbox

Password = sandbox

7 PayPal

Follow this procedure to initiate a test payment:

- Register at <https://developer.paypal.com/> for a "Sandbox Test Environment" additionally to your PayPal business account.
- After you registered successfully you may create a new test account (buyer) within your "sandbox". This buyer test account will be used for your test payment.
- Ensure you are logged into your "Sandbox Test Environment" before initiating a test payment.
- Then initiate a payment transaction using your E-Commerce application (e.g. your shop). Please pay attention to use value "test" for parameter "mode" (mode=test). Use the buyer test account credentials as a customer in your webshop to start payment.

8 Paydirekt

Please use the following test buyer to simulate paydirekt transactions:

Username PAYONE-1

Password Payone!-1

Note: This is a test buyer for PAYONE business partners only.

9 Financing

9.1 BillSAFE

The test system provides special test data to enable positive test cases. These test data are:

9.1.1 BillSAFE B2B

firstname / shipping_firstname	Paul
lastname / shipping_lastname	Positiv
zip / shipping_zip	49084
city / shipping_city	Osnabrück

9.1.2 BillSAFE B2C

company / shipping_company	Paul GmbH
firstname / shipping_firstname	Paul
lastname / shipping_lastname	Positiv
zip / shipping_zip	49084
city / shipping_city	Osnabrück

9.2 Klarna

Positive testing credentials (Germany):

firstname	Testperson-de
lastname	Approved
gender	male
birthday	19600707
street	Hellersbergstraße 14
zip	41460
city	Neuss
telephonenumber	01522113356

Other countries and negative test cases: <http://developers.klarna.com/en/testing/invoice-and-account>

10 Creditworthiness, address check and address validation

10.1 Address check

10.1.1 Address check PAYONE Basic (addresschecktype=BA)

By using the following test data you can simulate different responses of the addresscheck-request.

Please always use country "Germany" (country=DE) and address check basic (addresschecktype=BA).

Address check basic (addresschecktype="BA")			
Parameter	given value	returned value	result
city	Musterstadt	-	errorcode = 4042, secstatus = 30
city	Nirgendwo	-	errorcode = 4051, secstatus = 30
city	Überall	-	errorcode = 4052, secstatus = 30
streetname	Nirgendwo	-	errorcode = 4053, secstatus = 30
streetname	Überall	-	errorcode = 4054, secstatus = 30
zip	11111	-	errorcode = 4055, secstatus = 30
streetnumber	900	-	errorcode = 4056, secstatus = 30
city	FalscheStadt	KorrigierteStadt	status = VALID, secstatus = 20
zip	54321	12345	status = VALID, secstatus = 20
streetnumber	21	12	status = VALID, secstatus = 20
streetname	FalscherStrassenname	KorrigierterStrassenname	status = VALID, secstatus = 20
street	FalscheStrasse 12	KorrigierteStrasse 12	status = VALID, secstatus = 20
All other combinations will return: status = VALID, secstatus = 10			

10.1.2 Address check PAYONE Person (addresschecktype=PE)

By using the following test data you can simulate different responses of the addresscheck-request.

Please always use country "Germany" (country=DE) and address check person (addresschecktype=PE).

Request					Response							
firstname	lastname	zip	city	country	sestatus	personsta	...	firstname	lastname	zip	city	country
Petra	Peinlich	24118	Kiel-PAB	DE	10	PAB		Petra	Peinlich	24118	Kiel-PAB	DE
Petra	Peinlich	24121	Kiel-PAB	DE	20	PAB		Petra	Peinlich	24118	Kiel-PAB	DE
Petra	Peinlich	24118	Kiel-PKI	DE	10	PKI		Petra	Peinlich	24118	Kiel-PKI	DE
Petra	Peinlich	24121	Kiel-PKI	DE	20	PKI		Petra	Peinlich	24118	Kiel-PKI	DE
Petra	Peinlich	24118	Kiel-PNP	DE	10	PNP		Petra	Peinlich	24118	Kiel-PNP	DE
Petra	Peinlich	24121	Kiel-PNP	DE	20	PNP		Petra	Peinlich	24118	Kiel-PNP	DE
Petra	Peinlich	24118	Kiel-PNZ	DE	10	PNZ		Petra	Peinlich	24118	Kiel-PNZ	DE
Petra	Peinlich	24121	Kiel-PNZ	DE	20	PNZ		Petra	Peinlich	24118	Kiel-PNZ	DE
Petra	Peinlich	24118	Kiel-PPB	DE	10	PPB		Petra	Peinlich	24118	Kiel-PPB	DE
Petra	Peinlich	24121	Kiel-PPB	DE	20	PPB		Petra	Peinlich	24118	Kiel-PPB	DE
Petra	Peinlich	24118	Kiel-PPV	DE	10	PPV		Petra	Peinlich	24118	Kiel-PPV	DE
Petra	Peinlich	24121	Kiel-PPV	DE	20	PPV		Petra	Peinlich	24118	Kiel-PPV	DE
Petra	Peinlich	24118	Kiel-PUG	DE	10	PUG		Petra	Peinlich	24118	Kiel-PUG	DE
Petra	Peinlich	24121	Kiel-PUG	DE	20	PUG		Petra	Peinlich	24118	Kiel-PUG	DE
Petra	Peinlich	24118	Kiel-PUZ	DE	10	PUZ		Petra	Peinlich	24118	Kiel-PUZ	DE
Petra	Peinlich	24121	Kiel-PUZ	DE	20	PUZ		Petra	Peinlich	24118	Kiel-PUZ	DE
Petra	Peinlich	24118	Kiel-UKN	DE	10	UKN		Petra	Peinlich	24118	Kiel-UKN	DE
Petra	Peinlich	24121	Kiel-UKN	DE	20	UKN		Petra	Peinlich	24118	Kiel-UKN	DE
Petra	Peinlich	4118	Leipzig-PPB	DE	20	PPB		Petra	Peinlich	04118	Leipzig-PPB	DE
Petra	Peinlich	1000	Wien	DE	30	INVALID; errorcode=4041						

10.1.3 Address check Boniversum Basic (addresschecktype=BB)

By using the following test data you can simulate different responses of the addresscheck-request.

Please always use country "Germany" (country=DE) and address check basic (addresschecktype=BB).

Request						Response						
firstname	lastname	zip	city	country		secstatus	personstatus	firstname	lastname	zip	city	country
Barbara	Basel	24118	Kiel	DE		10	NONE	Barbara	Basel	24118	Kiel	DE
Barbara	Basel	24121	Kiel	DE		20	NONE	Barbara	Basel	24118	Kiel	DE
Barbara	Basel	1000	Wien	DE		30		INVALID; errorcode=4041				

10.1.4 Address check Boniversum Person (addresschecktype=PB)

By using the following test data you can simulate different responses of the addresscheck-request.

Please always use country "Germany" (country=DE) and address check person (addresschecktype=PB).

Request					Response							
firstname	lastname	zip	city	country	secstatus	personsta	...	firstname	lastname	zip	city	country
Pablo	Probst	24118	Kiel-PAB	DE	10	PAB		Pablo	Probst	24118	Kiel-PAB	DE
Pablo	Probst	24121	Kiel-PAB	DE	20	PAB		Pablo	Probst	24118	Kiel-PAB	DE
Pablo	Probst	24118	Kiel-PHB	DE	10	PHB		Pablo	Probst	24118	Kiel-PHB	DE
Pablo	Probst	24121	Kiel-PHB	DE	20	PHB		Pablo	Probst	24118	Kiel-PHB	DE
Pablo	Probst	24118	Kiel-PPB	DE	10	PPB		Pablo	Probst	24118	Kiel-PPB	DE
Pablo	Probst	24121	Kiel-PPB	DE	20	PPB		Pablo	Probst	24118	Kiel-PPB	DE
Pablo	Probst	44118	Kiel-PPF	DE	10	PPF		Pablo	Probst	44118	Kiel-PPF	DE
Pablo	Probst	24118	Kiel-PPV	DE	10	PPV		Pablo	Probst	24118	Kiel-PPV	DE
Pablo	Probst	24121	Kiel-PPV	DE	20	PPV		Pablo	Probst	24118	Kiel-PPV	DE
Pablo	Probst	24118	Kiel-UKN	DE	10	UKN		Pablo	Probst	24118	Kiel-UKN	DE
Pablo	Probst	24121	Kiel-UKN	DE	20	UKN		Pablo	Probst	24118	Kiel-UKN	DE
Pablo	Probst	1000	Wien	DE	30	INVALID; errorcode=4041						

10.2 Creditworthiness

10.2.1 Creditworthiness Arvato Infoscore (type=IA, IB, IF, IH)

By using the following test data you can simulate different responses of the consumerscore-request.

Please note:

- The following requests only show the parameter relevant for the special test case. You will have to add the individual parameters listed in the server API specification.
- In Mode="test" parameter "street" is not checked and is therefore not part of table below. You may pass any street for testing.
- In Mode="test" splitting of parameter "street" into "streetname" and "streetnumber" is not provided.
- Please find below a table of test data with request data and response data. Value "[no key]" in this table indicates that no key/value is returned in this case.
- Please always use country "Germany" (country=DE).

Request								Response									
consumer-score-type	address-check-type	firstname	lastname	zip	city	country		secstatus	person-status	score	score-value	secscore	firstname	lastname	zip	city	country
IA	BA	Ian	Iannis	24118	Kiel	DE		10	NONE	G	550	[no key]	Ian	Iannis	24118	Kiel	DE
IA	BA	Ian	Iannis-IRB	24118	Kiel	DE		10	NONE	R	100	IRB	Ian	Iannis-IRB	24118	Kiel	DE
IA	BA	Ian	Iannis-SVV	24118	Kiel	DE		10	NONE	R	100	SVV	Ian	Iannis-SVV	24118	Kiel	DE
IA	BA	Ian	Iannis-IA	24118	Kiel	DE		10	NONE	Y	310	IA	Ian	Iannis-IA	24118	Kiel	DE
IA	BA	Ian	Iannis-LP	24118	Kiel	DE		10	NONE	Y	340	LP	Ian	Iannis-LP	24118	Kiel	DE
IA	BA	Ian	Iannis	24121	Kiel	DE		20	NONE	G	550	[no key]	Ian	Iannis	24118	Kiel	DE
IA	NO	Ian	Iannis	24118	Kiel	DE		[no key]	NONE	G	550	[no key]	Ian	Iannis	24118	Kiel	DE
IA	NO	Mario	Zinke	30459	Hannover	DE		[no key]	NONE	G	550	[no key]	Mario	Zinke	30459	Hannover	DE
IA	NO	Ian	Iannis-IRB	24118	Kiel	DE		[no key]	NONE	R	100	IRB	Ian	Iannis-IRB	24118	Kiel	DE
IA	NO	Ian	Iannis-SVV	24118	Kiel	DE		[no key]	NONE	R	100	SVV	Ian	Iannis-SVV	24118	Kiel	DE
IA	NO	Annett	Engel	28844	Weyhe	DE		[no key]	NONE	R	120	+++	Annett	Engel	28844	Weyhe	DE
IA	NO	Ian	Iannis-IA	24118	Kiel	DE		[no key]	NONE	Y	310	IA	Ian	Iannis-IA	24118	Kiel	DE
IA	NO	Ian	Iannis-LP	24118	Kiel	DE		[no key]	NONE	Y	340	LP	Ian	Iannis-LP	24118	Kiel	DE
IA	PE	Ian	Iannis	24118	Kiel-PAB	DE		10	PAB	G	550	[no key]	Ian	Iannis	24118	Kiel-PAB	DE

Request								Response									
consumer-score-type	address-check-type	firstname	lastname	zip	city	country		secstatus	person-status	score	score-value	secscore	firstname	lastname	zip	city	country
IA	PE	Ian	Iannis-IRB	24118	Kiel	DE		10	PPB	R	100	IRB	Ian	Iannis-IRB	24118	Kiel	DE
IA	PE	Ian	Iannis-SVV	24118	Kiel	DE		10	PPB	R	100	SVV	Ian	Iannis-SVV	24118	Kiel	DE
IA	PE	Ian	Iannis-IA	24118	Kiel	DE		10	PPB	Y	310	IA	Ian	Iannis-IA	24118	Kiel	DE
IA	PE	Ian	Iannis-LP	24118	Kiel	DE		10	PPB	Y	340	LP	Ian	Iannis-LP	24118	Kiel	DE
IA	PE	Ian	Iannis	24121	Kiel-PAB	DE		20	PAB	G	550	[no key]	Ian	Iannis	24118	Kiel-PAB	DE
IA	PE	Ian	Iannis-SVV	24121	Kiel	DE		20	PPB	R	100	SVV	Ian	Iannis-SVV	24118	Kiel	DE
IB	BA	Ian	Iannis-AM	24118	Kiel	DE		10	NONE	Y	436	AM	Ian	Iannis	24118	Kiel	DE
IB	BA	Ian	Iannis-AM	24121	Kiel	DE		20	NONE	Y	436	AM	Ian	Iannis	24118	Kiel	DE
IB	NO	Ian	Iannis	24118	Kiel	DE		[no key]	NONE	G	[no key]	[no key]	Ian	Iannis	24118	Kiel	DE
IB	NO	Ian	Iannis	24118	Kiel	DE		[no key]	NONE	G	[no key]	[no key]	Ian	Iannis	24118	Kiel	DE
IB	NO	Doris	Beckmann	17268	Boitzenburger Land	DE		[no key]	NONE	G	[no key]	[no key]	Doris	Beckmann	17268	Boitzenburger Land	DE
IB	NO	Mario	Zinke	30459	Hannover	DE		[no key]	NONE	G	[no key]	[no key]	Mario	Zinke	30459	Hannover	DE
IB	NO	Annett	Engel	28844	Weyhe	DE		[no key]	NONE	R	[no key]	+++	Annett	Engel	28844	Weyhe	DE

Request							Response											
consumer-score-type	address-check-type	firstname	lastname	zip	city	country		secstatus	person-status	score	score-value	secscore	firstname	lastname	zip	city	country	
IB	NO	Ian	Iannis-IA	24118	Kiel	DE		[no key]	NONE	R	361	IA	Ian	Iannis-IA	24118	Kiel	DE	
IB	NO	Ian	Iannis-SAV	24118	Kiel	DE		[no key]	NONE	Y	393	SAV	Ian	Iannis-SAV	24118	Kiel	DE	
IB	NO	Katja	Koplin	10407	Berlin	DE		[no key]	NONE	Y	401	LP	Katja	Koplin	10407	Berlin	DE	
IB	PE	Ian	Iannis	24118	Kiel-PAB	DE		10	PAB	G	[no key]	[no key]	Ian	Iannis	24118	Kiel-PAB	DE	
IB	PE	Ian	Iannis-IA	24118	Kiel-PAB	DE		10	PAB	R	361	IA	Ian	Iannis-IA	24118	Kiel-PAB	DE	
IB	PE	Ian	Iannis-SAV	24118	Kiel-PAB	DE		10	PAB	Y	393	SAV	Ian	Iannis-SAV	24118	Kiel-PAB	DE	
IB	PE	Ian	Iannis	24121	Kiel-PAB	DE		20	PAB	G	[no key]	[no key]	Ian	Iannis	24118	Kiel-PAB	DE	
IB	PE	Katja	Koplin	10407	Berlin	DE		20	PPB	Y	401	LP	Katja	Koplin	10407	Berlin	DE	
IF	BA	Iffi	Iffland	24118	Kiel	DE		10	NONE	G	550	[no key]	Iffi	Iffland	24118	Kiel	DE	
IF	BA	Iffi	Ifert	24118	Kiel	DE		10	NONE	G	630	[no key]	Iffi	Ifert	24118	Kiel	DE	
IF	BA	Iffi	Iffland-IA	24118	Kiel	DE		10	NONE	Y	310	IA	Iffi	Iffland-IA	24118	Kiel	DE	
IF	BA	Iffi	Iffland-LP	24118	Kiel	DE		10	NONE	Y	340	LP	Iffi	Iffland-LP	24118	Kiel	DE	
IF	BA	Iffi	Iffland	24121	Kiel	DE		20	NONE	G	550	[no key]	Iffi	Iffland	24118	Kiel	DE	
IF	BA	Iffi	Ifert	24121	Kiel	DE		20	NONE	G	630	[no key]	Iffi	Ifert	24118	Kiel	DE	

Request							Response											
consumer-score-type	address-check-type	firstname	lastname	zip	city	country	secstatus	person-status	score	score-value	secscore	firstname	lastname	zip	city	country		
IF	NO	Iffi	Iffland	24118	Kiel	DE		[no key]	NONE	G	550	[no key]	Iffi	Iffland	24118	Kiel	DE	
IF	NO	Iffi	Ifert	24118	Kiel	DE		[no key]	NONE	G	630	[no key]	Iffi	Ifert	24118	Kiel	DE	
IF	NO	Iffi	Iffland-IRB	24118	Kiel	DE		[no key]	NONE	R	100	IRB	Iffi	Iffland-IRB	24118	Kiel	DE	
IF	NO	Iffi	Iffland-SVV	24118	Kiel	DE		[no key]	NONE	R	100	SVV	Iffi	Iffland-SVV	24118	Kiel	DE	
IF	NO	Iffi	Iffland-IA	24118	Kiel	DE		[no key]	NONE	Y	310	IA	Iffi	Iffland-IA	24118	Kiel	DE	
IF	NO	Iffi	Iffland-IP	24118	Kiel	DE		[no key]	NONE	Y	340	LP	Iffi	Iffland-LP	24118	Kiel	DE	
IF	PE	Iffi	Iffland	24118	Kiel-PAB	DE		10	PAB	G	550	[no key]	Iffi	Iffland	24118	Kiel-PAB	DE	
IF	PE	Iffi	Ifert	24118	Kiel-PAB	DE		10	PAB	G	630	[no key]	Iffi	Ifert	24118	Kiel-PAB	DE	
IF	PE	Iffi	Iffland-IRB	24118	Kiel	DE		10	PPB	R	100	IRB	Iffi	Iffland-IRB	24118	Kiel	DE	
IF	PE	Iffi	Iffland-SVV	24118	Kiel	DE		10	PPB	R	100	SVV	Iffi	Iffland-SVV	24118	Kiel	DE	
IF	PE	Iffi	Iffland-IA	24118	Kiel	DE		10	PPB	Y	310	IA	Iffi	Iffland-IA	24118	Kiel	DE	
IF	PE	Iffi	Iffland-LP	24118	Kiel	DE		10	PPB	Y	340	LP	Iffi	Iffland-LP	24118	Kiel	DE	
IF	PE	Iffi	Iffland	24121	Kiel-PAB	DE		20	PAB	G	550	[no key]	Iffi	Iffland	24118	Kiel-PAB	DE	
IF	PE	Iffi	Ifert	24121	Kiel-PAB	DE		20	PAB	G	630	[no key]	Iffi	Ifert	24118	Kiel-PAB	DE	

Request								Response									
consumer-score-type	address-check-type	firstname	lastname	zip	city	country		secstatus	person-status	score	score-value	secscore	firstname	lastname	zip	city	country
IF	PE	Iffi	Iffland-SVV	24121	Kiel	DE		20	PPB	R	100	SVV	Iffi	Iffland-SVV	24118	Kiel	DE
IH	BA	Ihno	Ihrig	24118	Kiel	DE		10	NONE	G	550	[no key]	Ihno	Ihrig	24118	Kiel	DE
IH	BA	Ihno	Ihrig-SAV	24118	Kiel	DE		10	NONE	R	100	[no key]	Ihno	Ihrig-SAV	24118	Kiel	DE
IH	BA	Ihno	Ihrig-AM	24118	Kiel	DE		10	NONE	Y	436	[no key]	Ihno	Ihrig-AM	24118	Kiel	DE
IH	BA	Ihno	Ihrig	24121	Kiel	DE		20	NONE	G	550	[no key]	Ihno	Ihrig	24118	Kiel	DE
IH	BA	Ihno	Ihrig-SAV	24121	Kiel	DE		20	NONE	R	100	[no key]	Ihno	Ihrig-SAV	24118	Kiel	DE
IH	BA	Ihno	Ihrig-AM	24121	Kiel	DE		20	NONE	Y	436	[no key]	Ihno	Ihrig-AM	24118	Kiel	DE
IH	NO	Ihno	Ihrig-550	24118	Kiel	DE		10	NONE	G	550	[no key]	Ihno	Ihrig-550	24118	Kiel	DE
IH	NO	Ihno	Ihrig-100	24118	Kiel	DE		10	NONE	R	100	[no key]	Ihno	Ihrig-100	24118	Kiel	DE
IH	NO	Ihno	Ihrig-436	24118	Kiel	DE		10	NONE	Y	436	[no key]	Ihno	Ihrig-436	24118	Kiel	DE
IH	PE	Ihno	Ihrig	24118	Kiel	DE		10	PPB	G	550	[no key]	Ihno	Ihrig	24118	Kiel	DE
IH	PE	Ihno	Ihrig-SAV	24118	Kiel	DE		10	PPB	R	100	SAV	Ihno	Ihrig-SAV	24118	Kiel	DE
IH	PE	Ihno	Ihrig-AM	24118	Kiel	DE		10	PPB	Y	436	AM	Ihno	Ihrig-AM	24118	Kiel	DE
IH	PE	Ihno	Ihrig	24121	Kiel	DE		20	PPB	G	550	[no key]	Ihno	Ihrig	24118	Kiel	DE

Request								Response									
consumer-score-type	address-check-type	firstname	lastname	zip	city	country		secstatus	person-status	score	score-value	secscore	firstname	lastname	zip	city	country
IH	PE	Ihno	Ihrig-SAV	24121	Kiel	DE		20	PPB	R	100	SAV	Ihno	Ihrig-SAV	24118	Kiel	DE
IH	PE	Ihno	Ihrig-AM	24121	Kiel	DE		20	PPB	Y	436	AM	Ihno	Ihrig-AM	24118	Kiel	DE
IA	BA	Ian	Iannis	1000	Wien	DE		30	NONE	INVALID; errorcode=4041							
IA	NO	Ian	Iannis	1000	Wien	DE		30	NONE	INVALID; errorcode=4041							
IA	PE	Ian	Iannis	1000	Wien	DE		30	PPF	INVALID; errorcode=4041							
IB	NO	Ian	Iannis	1000	Wien	DE		30	NONE	INVALID; errorcode=4041							
IB	PE	Doris	Beckmann	17268	Boitzenburger Land	DE		30	PPF	INVALID; errorcode=4041							
IF	BA	Iffi	Iffland	1000	Wien	DE		30	PPF	INVALID; errorcode=4041							
IF	NO	Iffi	Iffland	1000	Wien	DE		30	PPF	INVALID; errorcode=4041							
IF	PE	Iffi	Iffland	1000	Wien	DE		30	PPF	INVALID; errorcode=4041							
IH	BA	Ihno	Ihrig	1000	Wien	DE		30	PPF	INVALID; errorcode=4041							
IH	PE	Ihno	Ihrig	1000	Wien	DE		30	PPF	INVALID; errorcode=4041							

10.2.2 Creditworthiness Boniversum (type=CE)

By using the following test data you can simulate different responses of the consumerscore-request.

Please note:

- The following requests only show the parameter relevant for the special test case. You will have to add the individual parameters listed in the server API specification.
- In Mode="test" parameter "street" is not checked and is therefore not part of table below. You may pass any street for testing.
- In Mode="test" splitting of parameter "street" into "streetname" and "streetnumber" is not provided.
- Please find below a table of test data with request data and response data. Value "[no key]" in this table indicates that no key/value is returned in this case.
- Please always use country "Germany" (country=DE).

consumer- score-type	address- check-type	firstname	lastname	zip	city	country		secstatus	address- status	person- status	score	score-value	secscore	firstname	lastname	zip	city	country
CE	PB	Cecilia	Ceren	24118	Kiel-PPB	DE		10	[no key]	PPB	U	0	[no key]	Cecilia	Ceren	24118	Kiel-PPB	DE
CE	PB	Cecilia	Ceren	24118	Kiel-PPV	DE		10	[no key]	PPV	U	0	[no key]	Cecilia	Ceren	24118	Kiel-PPV	DE
CE	PB	Cecilia	Ceren	24121	Kiel-PPB	DE		20	[no key]	PPB	U	0	[no key]	Cecilia	Ceren	24118	Kiel-PPB	DE
CE	PB	Cecilia	Ceren	24121	Kiel-PPV	DE		20	[no key]	PPV	U	0	[no key]	Cecilia	Ceren	24118	Kiel-PPV	DE
CE	PB	Cecilia	Ceren	24118	Kiel-PAB	DE		10	[no key]	PAB	U	0	[no key]	Cecilia	Ceren	24118	Kiel-PAB	DE
CE	PB	Cecilia	Ceren	24121	Kiel-PAB	DE		20	[no key]	PAB	U	0	[no key]	Cecilia	Ceren	24118	Kiel-PAB	DE
CE	PB	Celina	Ceren	24118	Kiel-PPB	DE		10	[no key]	PPB	G	50	[no key]	Celina	Ceren	24118	Kiel-PPB	DE
CE	PB	Celina	Ceren	24121	Kiel-PPB	DE		20	[no key]	PPB	G	50	[no key]	Celina	Ceren	24118	Kiel-PPB	DE
CE	PB	Celina	Ceren	24118	Kiel-PPF	DE		10	[no key]	PPF	G	50	[no key]	Celina	Ceren	24118	Kiel-PPF	DE
CE	PB	Celina	Ceren	24118	Kiel-PAB	DE		10	[no key]	PAB	G	50	[no key]	Celina	Ceren	24118	Kiel-PAB	DE
CE	PB	Celina	Ceren	24121	Kiel-PAB	DE		20	[no key]	PAB	G	50	[no key]	Celina	Ceren	24118	Kiel-PAB	DE
CE	PB	Celina	Ceren	24118	Kiel-PHB	DE		10	[no key]	PHB	G	50	[no key]	Celina	Ceren	24118	Kiel-PHB	DE
CE	PB	Celina	Ceren	24121	Kiel-PHB	DE		20	[no key]	PHB	G	50	[no key]	Celina	Ceren	24118	Kiel-PHB	DE
CE	PB	Cesar	Ceren	24118	Kiel-PPB	DE		10	[no key]	PPB	Y	100	[no key]	Cesar	Ceren	24118	Kiel-PPB	DE
CE	PB	Cesar	Ceren	24121	Kiel-PPB	DE		20	[no key]	PPB	Y	100	[no key]	Cesar	Ceren	24118	Kiel-PPB	DE

consumer- score-type	address- check-type	firstname	lastname	zip	city	country		secstatus	address- status	person- status	score	score-value	secscore	firstname	lastname	zip	city	country
CE	PB	Cesar	Ceren	24118	Kiel-PPF	DE		10	[no key]	PPF	Y	100	[no key]	Cesar	Ceren	24118	Kiel-PPF	DE
CE	PB	Cesar	Ceren	24118	Kiel-PHB	DE		10	[no key]	PHB	Y	100	[no key]	Cesar	Ceren	24118	Kiel-PHB	DE
CE	PB	Cesar	Ceren	24121	Kiel-PHB	DE		20	[no key]	PHB	Y	100	[no key]	Cesar	Ceren	24118	Kiel-PHB	DE
CE	PB	Celeste	Ceren	24118	Kiel-PPB	DE		10	[no key]	PPB	R	5000	[no key]	Celeste	Ceren	24118	Kiel-PPB	DE
CE	PB	Celeste	Ceren	24121	Kiel-PPB	DE		20	[no key]	PPB	R	5000	[no key]	Celeste	Ceren	24118	Kiel-PPB	DE
CE	PB	Celeste	Ceren	24118	Kiel-PPF	DE		10	[no key]	PPF	R	5000	[no key]	Celeste	Ceren	24118	Kiel-PPF	DE
CE	PB	Celeste	Ceren	24118	Kiel-PPV	DE		10	[no key]	PPF	R	5000	[no key]	Celeste	Ceren	24118	Kiel-PPV	DE
CE	PB	Celeste	Ceren	24118	Kiel-PHB	DE		10	[no key]	PHB	R	5000	[no key]	Celeste	Ceren	24118	Kiel-PHB	DE
CE	PB	Celeste	Ceren	24121	Kiel-PHB	DE		20	[no key]	PHB	R	5000	[no key]	Celeste	Ceren	24118	Kiel-PHB	DE
CE	PB	Cecilia	Ceren	24201	Kiel-PPB	DE		10	AS1	PPB	U	0	[no key]	Cecilia	Ceren	24201	Kiel-PPB	DE
CE	PB	Cecilia	Ceren	24221	Kiel-PPB	DE		20	AS1	PPB	U	0	[no key]	Cecilia	Ceren	24201	Kiel-PPB	DE
CE	PB	Cecilia	Ceren	24202	Kiel-PPB	DE		10	AS2	PPB	U	0	[no key]	Cecilia	Ceren	24202	Kiel-PPB	DE
CE	PB	Cecilia	Ceren	24222	Kiel-PPB	DE		20	AS2	PPB	U	0	[no key]	Cecilia	Ceren	24202	Kiel-PPB	DE
CE	PB	Celina	Ceren	24203	Kiel-PPB	DE		10	AS3	PPB	G	50	[no key]	Celina	Ceren	24203	Kiel-PPB	DE
CE	PB	Cesar	Ceren	24204	Kiel-PPB	DE		10	AS4	PPB	Y	100	[no key]	Cesar	Ceren	24204	Kiel-PPB	DE

consumer- score-type	address- check-type	firstname	lastname	zip	city	country		secstatus	address- status	person- status	score	score-value	secscore	firstname	lastname	zip	city	country
CE	PB	Cesar	Ceren	24224	Kiel-PPB	DE		20	AS4	PPB	Y	100	[no key]	Cesar	Ceren	24204	Kiel-PPB	DE
CE	PB	Cesar	Ceren	24206	Kiel-PAB	DE		10	AS6	PAB	Y	100	[no key]	Cesar	Ceren	24206	Kiel-PAB	DE
CE	PB	Cesar	Ceren	24226	Kiel-PAB	DE		20	AS6	PAB	Y	100	[no key]	Cesar	Ceren	24206	Kiel-PAB	DE
CE	PB	Celeste	Ceren	24208	Kiel-PPB	DE		10	AS8	PPB	R	6000	[no key]	Celeste	Ceren	24208	Kiel-PPB	DE
CE	PB	Celeste	Ceren	24228	Kiel-PPB	DE		20	AS8	PPB	R	6000	[no key]	Celeste	Ceren	24208	Kiel-PPB	DE
CE	PB	Celeste	Ceren	24208	Kiel-PHB	DE		10	AS8	PHB	R	6000	[no key]	Celeste	Ceren	24208	Kiel-PHB	DE
CE	PB	Celeste	Ceren	24228	Kiel-PHB	DE		20	AS8	PHB	R	6000	[no key]	Celeste	Ceren	24208	Kiel-PHB	DE
CE	PB	Celeste	Ceren	24208	Kiel-PAB	DE		10	AS8	PAB	R	6000	[no key]	Celeste	Ceren	24208	Kiel-PAB	DE
CE	PB	Celeste	Ceren	1000	Wien	DE		30	[no key]	PPF	INVALID; errorcode=4041							

10.2.3 Creditworthiness SCHUFA (type=SFS/SFM)

By using the following test data you can simulate different responses of the consumerscore-request.

Please note:

- The following requests only show the parameter relevant for the special test case. You will have to add the individual parameters listed in the server API specification.
- In Mode="test" parameter "street" is not checked and is therefore not part of table below. You may pass any street for testing.
- In Mode="test" splitting of parameter "street" into "streetname" and "streetnumber" is not provided.
- Please find below a table of test data with request data and response data. Value "[no key]" in this table indicates that no key/value is returned in this case.
- Please always use country "Germany" (country=DE).

Request				Response														
Consumer-Scoretype	Business-Relation	AddCheck-Type	company	firstname	lastname	zip	city	country	provider-user_id	color	value	credit-value	credit-currency	legal-form		TaxId	Founding-Date	errorcode
SFM	B2B	BS	Musterfirma GmbH			24202	Kiel	DE	1932510	G	202.2	50000	EUR	21;Gesellschaft mit beschränkter Haftung		32165488888	1995-09-21	
SFM	B2B	BS	Musterfirma GmbH			24280	Kiel	DE	1932511	Y	280	500	EUR	21;Gesellschaft mit beschränkter Haftung		32165488887	2005-12-31	
SFM	B2B	BS	Musterfirma KG			24500	Kiel	DE	1932512	R	500	50	EUR	28;Kommanditgesellschaft		32165488886	2005-12-31	
SFM	B2B	BS		Max	Mustermann	24221	Kiel	DE	1932513	G	221	2000	EUR	10;Eingetragener Kaufmann		32165488885	1995-09-21	
SFM	B2B	BS		Max	Mustermann	24222	Kiel	DE	1932513	G	221	2000	EUR	10;Eingetragener Kaufmann		32165488885	1995-09-21	
SFM	B2B	BS	Musterfirma KG			24501	Kiel	DE	1932512	R	500	50	EUR	28;Kommanditgesellschaft		32165488886	2005-12-31	
SFM	B2B	BS	Musterfirma GmbH			24281	Kiel	DE	1932511	Y	280	500	EUR	21;Gesellschaft mit beschränkter Haftung		32165488887	2005-12-31	
SFM	B2B	BS	Musterfirma GmbH			24150	Kiel	DE	1932510	G	150	50000	EUR	21;Gesellschaft mit beschränkter Haftung		32165488889	1995-09-21	

Request					Response												
Consumer-Scoretype	Business-Relation	AddCheck-Type	company	firstname	lastname	zip	city	country	provider-user_id	color	value	credit-value	credit-currency	legal-form	TaxId	Founding-Date	errorcode
SFM	B2B	BS				90902	Kiel	DE									INVALID; errorcode=902
SFM	B2B	BS		Max	Mustermann	94113	Kiel	DE									INVALID; errorcode=4113
SFM	B2B	BS		Max	Mustermann	94110	Kiel	DE									INVALID; errorcode=4110
SFM	B2B	BS		Max	Mustermann	94112	Kiel	DE									INVALID; errorcode=4112
SFM	B2B	BS		Max	Mustermann	94114	Kiel	DE									INVALID; errorcode=4114
SFS	B2B	BS				24202	Kiel	DE	2932510	G	202.2	[no key]	[no key]	[no key]	[no key]		
SFS	B2B	BS		Max	Mustermann	24221	Kiel	DE	2932513	G	221	[no key]	[no key]	[no key]	[no key]		
SFS	B2B	BS	Musterfirma GmbH			24280	Kiel	DE	2932511	G	280	[no key]	[no key]	[no key]	[no key]		
SFS	B2B	BS	Musterfirma GmbH			24500	Kiel	DE	2932512	R	500	[no key]	[no key]	[no key]	[no key]	[no key]	

Request				Response													
Consumer-Scoretype	Business-Relation	AddCheck-Type	company	firstname	lastname	zip	city	country	provider-user_id	color	value	credit-value	credit-currency	legal-form	TaxId	Founding-Date	errorcode
SFS	B2B	BS		Max	Mustermann	24500	Kiel	DE	2932513	R	500	[no key]	[no key]	[no key]	[no key]	[no key]	
SFS	B2B	BS	Musterfirma GmbH			24501	Kiel	DE	2932512	R	500	[no key]	[no key]	[no key]	[no key]	[no key]	
SFS	B2B	BS	Musterfirma GmbH			24281	Kiel	DE	2932511	G	280	[no key]	[no key]	[no key]	[no key]	[no key]	
SFS	B2B	BS	Musterfirma GmbH			24203	Kiel	DE	2932510	G	202.2	[no key]	[no key]	[no key]	[no key]	[no key]	
SFS	B2B	BS	Musterfirma GmbH			24150	Kiel	DE	1932510	G	150	[no key]	[no key]	[no key]	[no key]	[no key]	
SFS	B2B	BS		Max	Mustermann	24222	Kiel	DE	1932513	G	221	[no key]	[no key]	[no key]	[no key]	[no key]	
SFS	B2B	BS		Max	Mustermann	90902	Kiel	DE	INVALID; errorcode=902								
SFS	B2B	BS		Max	Mustermann	94113	Kiel	DE	INVALID; errorcode=4113								
SFS	B2B	BS		Max	Mustermann	94114	Kiel	DE	INVALID; errorcode=4114								

Request				Response																	
Consumer-Scoretype	Business-Relation	AddCheck-Tvne	company	firstname	lastname	zip	city	country	provider-user_id	color	value	credit-value	cre3dit-currency	legal-form	TaxId	Founding-Date	errorcode				
SFS	B2B	BS		Max	Mustermann	94110	Kiel	DE										INVALID; errorcode=4110			
SFS	B2B	BS		Max	Mustermann	94112	Kiel	DE										INVALID; errorcode=4112			
SFS	B2B	BS		Max	Mustermann	94114	Kiel	DE										INVALID; errorcode=4114			
SFS	B2C	BS		Maxime	Mustermann	24118	Kiel-Y	DE	DCC8RF1A3D	Y	[no key]	[no key]	[no key]	[no key]	[no key]	[no key]					
SFS	B2C	BS		Max	Mustermann	24118	Kiel-R	DE	DCC8RF1ZFR	R	[no key]	[no key]	[no key]	[no key]	[no key]	[no key]					
SFS	B2C	BS		Max	Mustermann	24118	Kiel-G	DE	DCC8RF1ZFS	G	[no key]	[no key]	[no key]	[no key]	[no key]	[no key]					
SFS	B2C	BS		Maxime	Mustermann	24119	Kiel-Y	DE	DCC8RF1A3D	Y	[no key]	[no key]	[no key]	[no key]	[no key]	[no key]					
SFS	B2C	BS		Max	Mustermann	24119	Kiel-R	DE	DCC8RF1ZFR	R	[no key]	[no key]	[no key]	[no key]	[no key]	[no key]					
SFS	B2C	BS		Max	Mustermann	24119	Kiel-G	DE	DCC8RF1ZFS	G	[no key]	[no key]	[no key]	[no key]	[no key]	[no key]					

Request					Response												
Consumer-Scoretype	Business-Relation	AddCheck-Type	company	firstname	lastname	zip	city	country	provider-user_id	color	value	credit-value	credit-currency	legal-form	TaxId	Founding-Date	errorcode
SFS	B2C	BS		Max	Mustermann	90902	Kiel	DE									INVALID; errorcode=902
SFS	B2C	BS		Max	Mustermann	94113	Kiel	DE									INVALID; errorcode=4113
SFS	B2C	BS		Max	Mustermann	94114	Kiel	DE									INVALID; errorcode=4114

11 BankAccountCheck

By using the BankAccountCheck the bank account data can be verified. For Germany additionally a service is available to get IBAN/BIC for bankcode / bankaccount.

11.1.1 Common remarks

- The BIC is actually not really required in test-mode – as this would be added automatically (with “TESTTEST”). In live-mode BIC is mandatory for SEPA-transactions.
 - In live-mode BIC is still required until 2016-02-01.
 - Only exception for “DE” where BIC is automatically calculated and added if missing.
- In test-mode all bankaccounts / ibans are assumed to be “VALID” – only special test cases are returned as “INVALID”.
Therefore always will be returned:
 - Status “VALID”, fixed
 - Value for “bankcountry” copied from request data or extracted from requested IBAN
 - IBAN / BBAN copied from request data
 - BIC “TESTTEST”, fixed
- In test-mode all IBANs with BIC “TESTTESX” are invalid and BIC will be blocked with either “ERROR” or “INVALID” and errorcode 887.
- A few test data will be removed from 2016-03-01 on (see footnotes).
The new test data are not valid in live mode -> use with live mode by accident will be prohibited as test data are then syntactically invalid by wrong IBAN-check digits.

11.1.2 Test data for „bankaccountcheck“, various countries

BankAccountCheck			
bank-country	bankaccount / iban	bankcode / bic	Result
any: e.g. DE, AT, CH, ...	IBAN as listed below	TESTTESX	INVALID, Error 887
DE	2599100003	12345678	VALID, code 12345678, account 2599100003 iban DE85123456782599100003 ⁴ , bic TESTTEST ⁵
DE	1234567890	12345678	INVALID 883
DE ⁶	DE85123456782599100003	TESTTEST	VALID, code 12345678, account 2599100003 iban DE85123456782599100003 ⁴ , bic TESTTEST ⁴
DE ⁵	DE87123456781234567890	TESTTEST	INVALID, Error 883
DE	DE00123456782599100003	TESTTEST	VALID, code 12345678, account 2599100003 iban DE00123456782599100003 ⁴ , bic TESTTEST ⁴
DE	DE03123456781234567890	TESTTEST	INVALID, Error 883
DE	DE08123456791234567890	TESTTEST	INVALID, Error 888
AT ⁵	AT963500000123456789	TESTTEST	VALID, code 35000, account 123456789 iban AT963500000123456789 ⁴ , bic TESTTEST ⁴
AT	AT003500000123456789	TESTTEST	VALID, code 35000, account 123456789 iban AT003500000123456789 ⁴ , bic TESTTEST ⁴
AT	AT083500000123456789	TESTTEST	INVALID, Error 888
BE	BE00539007547034	TESTTEST	VALID, code 539, account 0075470, branch 11101 ⁴ , checkdigit 34 ⁴ , iban BE00539007547034 ⁴ , bic TESTTEST ⁴
BE	BE03539007547000	TESTTEST	INVALID, Error 883
BE	BE08539123456712	TESTTEST	INVALID, Error 888

⁵ PAYONE processes iban/bic in request data. You may then choose within PMI-settings whether response data should be extended by iban/bic or whether response data should remain unchanged. This can be configured for test/live-mode independently to ensure that your live-system does not get unexpected data before finishing your implementation.

⁶ These test data will be removed from 2016-03-01 on. Please use new test data

BankAccountCheck			
bank-country	bankaccount / iban	bankcode / bic	Result
CH	CH0000762011623852957	TESTTEST	VALID, code 00762, account 011623852957, iban CH0000762011623852957 ⁴ , bic TESTTEST ⁴
CH	CH0300762011623852900	TESTTEST	INVALID, Error 883
CH	CH0800762011623852957	TESTTEST	INVALID, Error 888
CY	CY00002001280000001200527600	TESTTEST	VALID, code 002, account 0000001200527600, branch 00128 ⁴ , iban CY00002001280000001200527600 ⁴ , bic TESTTEST ⁴
CY	CY03002001280000001200527699	TESTTEST	INVALID, Error 883
CY	CY08002001280000001200527600	TESTTEST	INVALID, Error 888
DK	DK0000400440116243	TESTTEST	VALID, code 0040, account 0440116243, branch 11101 ⁴ , iban DK0000400440116243 ⁴ , bic TESTTEST ⁴
DK	DK0300400440116200	TESTTEST	INVALID, Error 883
DK	DK0800400440116243	TESTTEST	INVALID, Error 888
ES	ES0021000418450200051332	TESTTEST	VALID, code 2100, account 0200051332, branch 0418 ⁴ , checkdigit 45 ⁴ , iban ES0021000418450200051332 ⁴ , bic TESTTEST ⁴
ES	ES0321000418450200051300	TESTTEST	INVALID, Error 883
ES	ES0821000418450200051332	TESTTEST	INVALID, Error 888
FI	FI0012345600000785	TESTTEST	VALID, code 123456, account 00000785, iban FI0012345600000785 ⁴ , bic TESTTEST ⁴
FI	FI0312345600000700	TESTTEST	INVALID, Error 883
FI	FI0812345600000785	TESTTEST	INVALID, Error 888
FR	FR0020041010050500013M02606	TESTTEST	VALID, code 20041, account 0500013M026, branch 01005 ⁴ , checkdigit 06 ⁴ , iban FR0020041010050500013M02606 ³ , bic TESTTEST ⁴
FR	FR0820041010050500013M02602	TESTTEST	INVALID, Error 888
GB	GB00NWBK60161331926819	TESTTEST	VALID, code 601613, account 31926819, iban GB00NWBK60161331926819 ⁴ , bic TESTTEST ⁴
GB	GB03NWBK60161331926800	TESTTEST	INVALID, Error 883
GB	GB08NWBK60161331926819	TESTTEST	INVALID, Error 888

BankAccountCheck			
bank-country	bankaccount / iban	bankcode / bic	Result
IE	IE00AIBK93115212345678	TESTTEST	VALID, code AIBK931152, account 12345678, iban IE00AIBK93115212345678 ⁴ , bic TESTTEST ⁴
IE	IE08AIBK93115212345678	TESTTEST	INVALID, Error 888
IT	IT00X0542811101000000123456	TESTTEST	VALID, code 05428, account 000000123456, branch 11101 ⁴ , checkdigit X ⁴ , iban IT00X0542811101000000123456 ⁴ , bic TESTTEST ⁴
IT	IT03X0542811101000000123456	TESTTEST	INVALID, Error 883
LI	LI00088100002324013AA	TESTTEST	VALID, code 08810, account 0002324013AA, iban LI00088100002324013AA ⁴ , bic TESTTEST ⁴
LI	LI0308810000232401300	TESTTEST	INVALID, Error 883
LI	LI08088100002324013AA	TESTTEST	INVALID, Error 888
LU	LU000019400644750000	TESTTEST	VALID, code 001, account 9400644750000, iban LU000019400644750000 ⁴ , bic TESTTEST ⁴
LU	LU030019400644750099	TESTTEST	INVALID, Error 883
LU	LU080019400644750000	TESTTEST	INVALID, Error 888
NL	NL00ABNA0417164300	TESTTEST	VALID, code ABNA, account 0417164300, iban NL00ABNA0417164300 ⁴ , bic TESTTEST ⁴
NL	NL03ABNA0417164301	TESTTEST	INVALID, Error 883
NL	NL08ABNA0417164300	TESTTEST	INVALID, Error 888
NO	NO0086011117947	TESTTEST	VALID, account 86011117947, iban NO0086011117947 ⁴ , bic TESTTEST ⁴
NO	NO0386011117900	TESTTEST	INVALID, Error 883
NO	NO0886011117947	TESTTEST	INVALID, Error 888
PL	PL00114020040000300201355387	TESTTEST	VALID, code 11402004, account 0000300201355387, iban PL00114020040000300201355387 ⁴ , bic TESTTEST ⁴
PL	PL03114020040000300201355300	TESTTEST	INVALID, Error 883
PL	PL08114020040000300201355387	TESTTEST	INVALID, Error 888

BankAccountCheck			
bank-country	bankaccount / iban	bankcode / bic	Result
PT	PT00000201231234567890154	TESTTEST	VALID, code 0002, account 12345678901, branch 0123 ⁴ , checkdigit 54 ⁴ , iban PT00000201231234567890154 ⁴ , bic TESTTEST ⁴
SE	SE0050000000054910000003	TESTTEST	VALID, code 5491, account 0000003, iban SE0050000000054910000003 ⁴ , bic TESTTEST ⁴
SE	SE0350000000054910000000	TESTTEST	INVALID, Error 883
SE	SE0850000000054910000003	TESTTEST	INVALID, Error 888

11.1.3 Decline by POS Sperrliste for „bankaccountcheck“ (only DE)

To check against "POS Sperrliste" use parameter "checktype=1" and this bank account:

BankAccountCheck, checktype=1			
bank-country	bankaccount / iban	bankcode / bic	Result
DE	DE99123456783199204090	TESTTEST	BLOCKED, account 3199204090, code 12345678 iban DE99123456783199204090 ⁷ , bic TESTTEST ⁶
DE	3199204090	12345678	BLOCKED, account 3199204090 ⁶ , code 12345678 ⁶

⁷ PAYONE processes iban/bic in request data. You may then choose within PMI-settings whether response data should be extended by iban/bic or whether response data should remain unchanged. This can be configured for test/live-mode independently to ensure that your live-system does not get unexpected data before finishing your implementation.

12 BIN check

By using the BIN (Bank Identification Number) the country of the card issuing bank can be identified.

You may use these cards (Type Visa) in PAYONE Platform test mode for simulation.

12.1 Germany

Credit card number PAN	4111111111111111
CVC / CVV	any combination of 3 digits

12.2 Austria

Credit card number PAN	4111121011111111
CVC / CVV	any combination of 3 digits

12.3 Switzerland

Credit card number PAN	4111131010111111
CVC / CVV	any combination of 3 digits

13 IP check

Based on the Internet-Protocol Address (IP-address) the country for the internet connection of the end customer can be guessed.

These IP-addresses may be used in test mode to simulate a few countries.

13.1 Germany

IP-address	192.168.0.0
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13.2 Austria

IP-address	192.168.0.1
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13.3 Switzerland

IP-address	192.168.0.2
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