

Merchant Reporting

payment and transaction statistics for Web-Shops

version 1.4.0

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Document history

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1 Introduction

This document describes the Merchant Reporting Tool for contract partners of **Cash-Ticket** (Web-Shops). *Merchant Reporting* informs about dispositions and transactions. The data can be filtered by various criteria. The reports are shown either in chart or as text-file in csv-format (*Comma-Separated Values*).

The mandatory online-connection to the *Merchant Reporting* is done through Web-Interface. The internet connection (e.g. through firewall) must allow secured HTTP connections (HTTPS).

The necessary user ID and password as well as the client certificate (for access to the original *Merchant Reporting Tool with full functionality*) will be sent to the Web-Shop upon request.

In order to simplify usage for our customers, we provide a light version of the *Merchant Reporting Tool (called MRT Light)*, too. This version doesn't use certificates for authentication, but an account-based login. For security reasons, it is restricted to reporting functionality, whereas full *Merchant Reporting Tool* allows you to administrate single transactions, where authorized transactions (already paid by the customer) can be captured or released manually (see Chapter 3 for details).

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2 Log In

2.1 Merchant Reporting Tool (full version)

After installation of the client certificate in the browser, the login to the *Merchant Reporting Tool* (language English) is done through the following URL:

<https://shops.cc.at.paysafecard.com/pscmerchant/GetMerchantLoginPanelServlet?language=en>



After a successful login to the system, there are two different options of *Merchant Reporting*:



Chapters 3 and 4 will describe both ways and will show the differences between them.

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2.2 Merchant Reporting Tool light

The login to the light version of the Merchant Reporting Tool (MRT light) is done through the following URL:

<https://merchant.cc.at.paysafecard.com/pscmerchant/GetMerchantLoginPanelServlet?language=en>

The Merchant Reporting Tool light does not require installing a certificate, one will get access by entering the correct MID (Merchant ID), User and password.

Please note that the MRT light does not provide the possibility to manually debit or release dispositions.



Please enter your Mid, User id and Password:

Mid :

User:

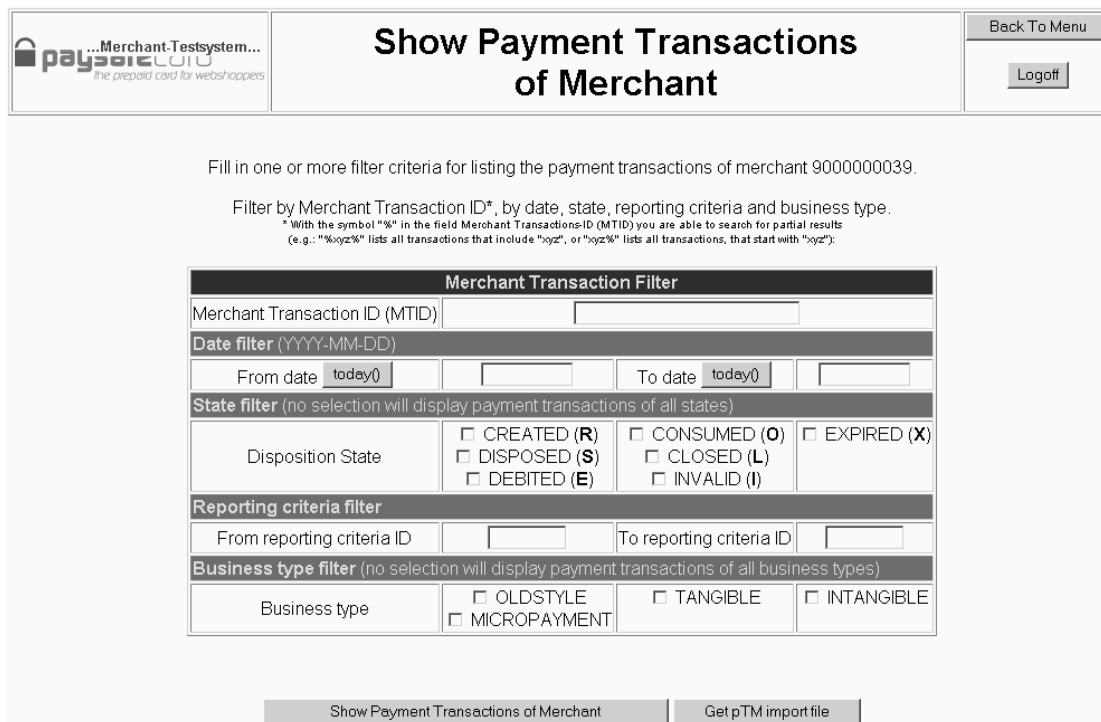
Password:

After a successful login to the system, you have the same basic options for reporting as in the full version.

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3 Payment transactions for Web-Shops

The button „Show Payment Transactions Merchant“ will produce a form with different criteria which can be used to limit the results (e.g create date, state of transactions, Merchant transaction ID...).



Searching with wildcards (using the symbol "%") can only be done in the field Merchant Transaction-ID (MTID). (e.g.: "%xyz%" lists all transactions that include "xyz", "xyz%" lists all transactions that start with "xyz.") The date (from From-Date and To-Date) has to have the format YYYY-MM-TT. The current date will automatically be filled in by clicking the button „today()“

By clicking the button „Show Payment Transactions of Merchant“, a list of results with max. 4000 transactions is shown. Transactions are sorted by „Disp. Date“ (when disposition was created) with following detailed information:

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RowNr	Merchant Transaction ID	BT	RC	Initial Amount (Transaction Currency)	Disposition Amount (Transaction Currency)	Debited Amount (Transaction Currency)	Disp. State	Disp. Date	Date of last possible debit	Kind of card	Exchangerate	Details	Release disposition	Debit disposition
1	order468185	O	-	1,00 EUR	0,00 EUR	1.00 EUR	O	2004-02-25 14:15:35	2004-10-04 16:15:35	PSC	1.00000	Details	n. v.	n. v.
2	order468182	O	-	1,00 EUR	0,00 EUR	0,00 EUR	L	2004-02-17 17:24:20	2004-09-26 19:24:20	-	1.00000	Details	n. v.	n. v.
3	order468162	O	-	1,00 EUR	0,00 EUR	0,00 EUR	R	2004-02-17 17:23:23	2004-09-26 19:23:23	-	1.00000	Details	n. v.	n. v.
4	order468146	O	-	1,00 EUR	0,12 EUR	0.41 EUR	E	2004-02-17 17:22:56	2004-09-26 19:22:56	MIX	1.00000	Details	Release!	n/a
5	order468109	O	-	1,00 EUR	1,00 EUR	0,00 EUR	S	2004-02-17 17:22:11	2004-09-26 19:22:11	INH	1.00000	Details	Release!	Execute!
6	order468099	O	-	1,00 EUR	0,00 EUR	0,00 EUR	X	2004-02-17 17:21:47	2004-09-26 19:21:47	-	1.00000	Details	n. v.	n. v.

The table shows following information for each single row:

- RowNr / Lfnr.

The RowNr is a sequential number for each displayed transaction

- Merchant Transaction ID (MTID) / Merchant Transaktions-ID

The "Merchant Transaction ID" (MTID) is a unique alphanumeric identification of individual payment transactions (concerning a certain Merchant ID).

- Business Type / BT (Geschäftsfallkennzeichen) [optional]

The following business types are available:

- O = OLD-STYLE – old Business type for compatibility (with Version 1 of the **Cash-Ticket** -Application)
- T = TANGIBLE – Trade with physical goods
- I = INTANGIBLE – Trade with intangible goods (Services, content)
- M = MICROPAYMENT – business type for micropayments

- Reporting Criteria / RC (Auswertekriterium) [optional]

The Reporting Criteria can be consulted e.g. for the distinction of several Web Shops of one contracting party. After arrangement with **Cash-Ticket** the reporting criteria can be registered by **Cash-Ticket** and be used by the Merchant thereafter.

- Initial Amount (Transaction Currency) / Transaktionsbetrag (Orig.-Währung)

"Initial Amount (Transaction Currency) " is the amount that was specified upon creating the disposition (by the function call create_disposition).

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- `Disposition Amount (Transaction Currency) / Reservierter Betrag (Orig.-Währung)`

The “Disposition Amount” (Transaction Currency) is the amount that is currently reserved for the Web-Shop. The customer has successfully paid, but the Web-Shop has not yet debited the amount which has to be done (by calling the function `execute_debit`) within the disposition time. Otherwise the reservation will end, the amount will be lost for the Web-Shop and be made available on the customer’s **Cash-Ticket** again.

- `Debited Amount (Transaction Currency) / Abgebuchter Betrag (Orig.-Währung)`

The Debited Amount (Transaction Currency) is the amount that has been captured (debited, `execute:debit`) by the Web-Shop. The customer has successfully paid and the Web-Shop has successfully debited the amount. This amount will be settled to the Web-Shops bank account with the following settlement report.

- `Disp. State / Status der Transaktion`

The following disposition states are possible:

- `R = CREATED` – created, not (yet) authorized (by entering the **Cash-Ticket** PIN by the customer)
- `S = DISPOSED` – created, authorized, not (yet) debited
- `E = DEBITED` – created, authorized, partially debited
- `O = CONSUMED` – created, authorized, fully debited
- `L = CLOSED` – created, not authorized (actively closed by customer)
- `I = INVALID` – state not in use at the moment
- `X = EXPIRED` – transaction closed by **Cash-Ticket** due to exceeding the Disposition Time (either `R → X` or `R → S → X`)

- `Disp. Date / Datum der Reservierung`

The disposition date is the date when the disposition was created (by function call `create_disposition`).

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- Date of last possible debit / Datum der letztmöglichen Abbuchung

The “Date of last possible debit“ is the end of the agreed disposition time (agreed in the Merchant contract). Up until then a capture (execute_debit) is still possible, after the disposition time ends, the disposition will be closed and set to X.

- Kind of card / Kartentyp

This column shows which card type was used on a transaction. Three possible values can be listed: “PSC“ for transactions that are paid by classic **Cash-Ticket**, “INH” for transactions that are paid with so called inhousecards (promotioncards), and “MIX” for transactions that are paid with classic paysafecards and inhousecards together.

Inhousecards for a merchant are activated by **Cash-Ticket** upon a merchant’s request. Furthermore, separate contract with paysafecard needs to be signed.

- Exchangerate / Wechselkurs

If the Merchant currency and card currency are not the same, the Exchangerate will be displayed there.

- Details / Details

The following details will be listed:



MerchantID: 9000000039
MerchantTransactionID: 10917000862
Reporting Criteria: -

RowNr	Debit Number	Debit Amount in Transaction Currency	Debit Date
1	1	104.98 EUR	2004-09-06 16:26:35

The command completed successfully.

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- Release disposition / Reservierung freigeben (NOT available in *Merchant Reporting light*)

Release!

This button is only visible for transactions in state „S“ (DISPOSED) or „E“ (DEBITED). It will release a reserved transaction. The customer can then make further payments with the amount, that was disposed.



The result is displayed in a Pop-Up. If there is „0 0“ in the upper part of the window, the release was successfully done. Otherwise there will be listed an error message. Afterwards those transactions are in state „O“, but there is no amount in the „Debited Amount (Transaction Currency)“.

- Debit disposition / Reservierung abbuchen (NOT available in *Merchant Reporting light*)

Execute!

This button is only visible for transactions in state „S“ (DISPOSED). This button will capture a reserved transaction. An authorized transaction can be fully debited by clicking this button (unless the disposition did not exceed the disposition time window).

The result is displayed in a Pop-Up. If there is „0 0“ in the upper part of the window, the capture (execute_debit) was successfully done. Otherwise there will be listed an error message. Afterwards those transactions are in state „O“ and the debited amount is listed in the „Debited Amount (Transaction Currency)“.

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4 Debit Report

In the debit report all successfully debited transactions are listed. Since one transaction can have multiple debits (partial debits), several rows per transaction can be listed. All transactions that are here listed have the state „O“(CONSUMED) or „E” (DEBITED).

By clicking „Generate Debit Report“ on the main menu, a form for specifying which debits shall be listed will be produced



The button „Generate Online Debit Report“ will list the data in the browser window:

Debit Report for Web-Shop: Currency: EUR
Percentage of tax: 20.00

TransactionID	DebitNr	Reporting Criteria	Gross Amount	Percentage of Commission	Net Amount	Debit Amount	Invoice Number	Voucher Number	Debit Timestamp	Initial Amount	Disposition Amount	Creation Timestamp Disposition
DL00002868	1		1.00	5.00	0.94	1.00		9100013215	2004-09-08 16:37:01.768000	1.00	0.00	2004-09-08 16:36:30.188000
DL00002867	1		1.00	5.00	0.94	1.00		9100013215	2004-09-08 16:35:04.272000	1.00	0.00	2004-09-08 16:34:02.491000
DL00002866	1		1.00	5.00	0.94	1.00		9100013215	2004-09-08 16:32:36.222000	1.00	0.00	2004-09-08 16:32:04.938000

The report also can be downloaded as a text-file in the CSV-Format (CSV = *Comma Separated Values*) by choosing the button „Generate Debit File Report“:

```
"1000000029", "DL00000312", "1", "", "EUR", "1.00", "5.00", "20.00", "0.94", "1.00", "0000000146",
    "9100000623", "2001-05-07 16:26:41.905000", "1.00", "0.00", "2001-05-07 16:13:29.877000"
"1000000029", "DL00000308", "1", "", "EUR", "1.00", "5.00", "20.00", "0.94", "1.00", "0000000146",
    "9100000600", "2001-05-03 18:07:49.912000", "1.00", "0.00", "2001-05-03 18:06:32.676000"
"1000000029", "DL00000304", "1", "", "EUR", "1.00", "5.00", "20.00", "0.94", "1.00", "0000000146",
    "9100000592", "2001-05-02 12:00:58.544000", "1.00", "0.00", "2001-05-02 11:59:18.180000"
```

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Following parameter are shown per row: (in CSV-file):

MID, MTID, DebitNr, Reporting Criteria, Currency, Gross Amount, Percentage of commission, Sales Tax, Net Amount, Debit Amount, Invoice Number, Voucher Number, Debit Timestamp, Initial Amount, Disposition Amount, Creation Timestamp Disposition

Overview of the listed fields:

- Merchant ID (MID) / Merchant-Kennung
The “*Merchant ID*” (MID) is a unique, 10 digit alphanumeric identification number of the merchant/Web-Shop.
- Merchant Transaction ID (MTID) / Merchant-Transaktionskennung
The “*Merchant Transaction ID*” (MTID) is a unique alphanumeric identification of an individual payment transaction (concerning a certain Merchant ID). The MTID is set by the merchant and can consist of up to 60 digits.
- DebitNr / Buchungsnummer
The “*DebitNr*” serves the clear marking of a partial capture (debit) within one disposition.
- Reporting Criteria / Auswertungskennzeichen [optional]
The “*Reporting Criteria*” differentiates transactions between several Web Shops of one contracting party. After arrangement with **Cash-Ticket** the reporting criteria can be registered by **Cash-Ticket** and be used thereafter. Otherwise this parameter is empty.
- Currency / Währung
The “*Currency*” that is chosen by the merchant..
- Gross Amount / Bruttobetrag
The “*Gross Amount*” is displayed at the monthly invoice.
- Percentage of Commission / Provision
The “*Percentage of Commission*” is the margin in percent (%), that is agreed in the contract.
- Sales Tax / Umsatzsteuer
The “*Sales Tax*” is set in percent (%).
- Net Amount / Nettobetrag
The “*Net Amount*” is the Gross Amount minus the Provision and Sales Tax:

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Gross Amount - (1 + VAT[%] / 100) * Gross Amount * Percentage of Commission[%] / 100.

- Debit Amount / Umsatz

The “*debit Amount*” is that amount, that was debited from the customer’s **Cash-Ticket**.
(via function call `execute_debit`).

- Invoice Number / Rechnungsnummer

The “*Invoice* “ number” is the 10-digit number of the invoice.

- Voucher Number / Belegnummer

The “*Voucher Number*” is the number that is given to all transactions of one day.

- Debit Timestamp / Buchungsdatum

The “*Debit Timestamp*” is the time when the disposition was debited (via function call `execute_debit`).

- Initial Amount / Urspr. res. Betrag

The “*Initial Amount*” is the amount, that was created (via function call `create_disposition`).

- Disposition Amount / Res. Betrag

The “*Disposition Amount*” shows the current disposed amount, that is not yet debited.

- Creation Timestamp Disposition / Datum der Reservierung

The “*Creation Timestamp Disposition*” is the time when the disposition was created (via function call `create_disposition`).

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5 Log Off

After logging off from the **Cash-Ticket** system (Button „Log Out“) the browser window has to be closed due to security reasons.



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