

Danske Bank  
Message Implementation Guide

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MasterCard Corporate Card Transactions

Change log

Version	Date	Change
2	14.10.2014	Unique invoice No. format changed
2.1	29.03.2016	In Introduction: Clarify that linelength is 1045. Tell that ; within fields are converted to'. The numerical values for CRLF was wrongly stated in IBM 1142 encoding. Changed to ISO-8859-1/ASII. In Header record: Added value to field 6 and 35.
2.2	23.06.2020	Introduced two new fields: Transaction record field no. 36 (Booking Date) and field no. 37 (CreditDebit Type Indicator).

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## Introduction

This document describes how information of MasterCard Corporate Card transactions are presented.

All files contains a header record (record type 1000) and a trailer record (record type 9000). There is at least one record per transaction (record type 500X or 7XXX). A transaction can have several addendum records (record type 6XXX). The addendum records are linked to the financial transaction by an addendum number.

All fields are fixed length and separated by semicolon (;). Alphanumeric (AN) fields are left adjusted and numeric (N) fields are right adjusted. Semicolons (;) within a field are converted to pings (').

At the end of each record a carriage return (CR)+ line feed (LF) is appended. The CRLF is written in ISO-8859-1/ASCII encoding with hex value 0x0D0A

All records described below are padded with spaces to get a uniform line length of 1045 characters including the tailing CRLF.

Three types of extract can be created - transaction files, invoicing files and one time files with historical transactions.

The transactions are sent via Business Online or other channels supported by Danske Bank eg. Danske Bank Web Services, FTP via VPN, SFTP etc.

The format shows all transactions, both card and account transactions.

A card number is created by Danske Bank to account transactions with no card number, such as fees, interests etc.

**Please be aware** In MS Windows CRLF (0x0D0A) is often interpreted as a visual change-of-line. Other systems may interpret the hexadecimal value 0x0D0A as data.

Information in the ; (semi-colon) separated formats is as follows:

### Header Record

Field No.	Field Code	No. of pos.	Format	Description
1	Record Type	4	N	1000
2	Delivery ID	12	N	Unique identifier of the delivery Data + unique number ex. YYMMDD+random(6)
3	Record Number	6	N	000001 (the header is always the first record)
4	Version	3	AN	File version
5	BO_filename	35	AN	Filename in Business Online
6	Extract Type - frequency	3	AN	Daily, weekly, monthly or invoice 001 Daily 002 Weekly, Monday 003 Monthly 004 Weekly, Tuesday 005 Weekly, Wednesday 006 Weekly, Thursday 007 Weekly, Friday 010 Monthly, by invoicing 011 One time file with historical transactions
7	Splitmark	1	AN	Split or joined file. Join = one file per Business Online number, Split = Several files per Business Online number. (S=Split, J=join)

### Transaction Record

Field No.	Field Code	No. of pos.	Format	Description
1	Record Type	4	N	5000: Ordinary purchase 5001: No purchase ( e.g. Fees) 5002: Reversal purchase 5003: Reversal no purchase 6xxx: Addendum information 7xxx: Account transactions (e.g. Annual card fee, interest)
2	Card number	16	N	The card number, on which the transaction was booked. For account transactions the card number is constructed of: 99999 + card agreement number + control digit.
3	Name	35	AN	Cardholder name Empty for account transactions (7xxx record).
4	Date of purchase	8	N	The date when the transaction was created YYYYMMDD (20090626)
5	Time of transaction	8	AN	The time when the transaction was created HH.MM.SS (10.15.25)
6	Merchant name	25	AN	If purchase: name of merchant, otherwise description of transaction (e.g. annual fee). Empty for account transactions (7xxx record).
7	Merchant city	13	AN	If purchase: name of the Merchant city where transaction was generated, otherwise blank. Empty for account transactions (7xxx record).
8	Merchant country	3	AN	If purchase: country ISO code of Merchant Country, otherwise blank Empty for account transactions (7xxx record).
9	Merchant category code	4	AN	CABC/MCC code Empty for account transactions (7xxx record).
10	Merchant number	15	AN	If purchase: number of the Merchant where transaction was generated, otherwise blank Empty for account transactions (7xxx record).
11	Currency code	3	AN	Currency code (ISO 4217) the currency entry is booked in.

Field No.	Field Code	No. of pos.	Format	Description
12	Currency exchange rate	15	N	Currency exchange rate of any conversion Empty for account transactions (7xxx record).
13	Currency amount	15	N	Amount in foreign currency -X.XXX,XX [-5.462,35]
14	Transaction amount	15	N	Amount posted on the account in local currency -X.XXX,XX [-5.462,35]
15	Voucher number	12	AN	Voucher number for card transactions. Empty for account transactions (7xxx record).
16	VAT repayment	1	AN	Marking for VAT repayment Blank: no repayment X: possible repayment NB: field currently not in use
17	Addendum number	14	N	The addendum number links the transaction record to one or more addendum records Empty for account transactions (7xxx record).
18	Record number	6	N	The record count is consecutive and unique within the delivery. Will always start with 000002
19	External account number	20	AN	MasterCard Corporate Card Account number
20	Unique transaction ID	26	N	Unique transaction number for both daily and invoice transactions
21	Additional information	24	AN	Posting text, like merchant name or manual text
22	Unique Invoice number	20	N	The unique number is constructed in this way: 000000AAAAAAAAAAASSSS, 0 = zero's, A= Card agreement no, SSSS = sequence No
23	Invoice date	8	N	Date of invoice YYYYMMDD (20090626)
24	Payment date	8	N	Due date. Credit transactions are blank YYYYMMDD (20090626)
25	Company agreement	10	N	Unique Company agreement number

Field No.	Field Code	No. of pos.	Format	Description
26	Detail agreement	10	N	Unique number for each cardholder
27	Liability	1	AN	Shows the liability of the card account Field values: Private=P Corporate=C
28	Employee no.	30	AN	Employee number delivered by the company and added to the cardholder as an identifier
29	Mark for debit or credit	1	AN	Mark for debit or credit transaction. Field value: Debit = - Credit = +
30	Version number	3	AN	It is the same for both card and account transactions. Output version number: - 002 for the extend version 2
31	Split mark	1	AN	Split/Join information - if the company wants separate files for each Company agreement. Values: 'S' - split; 'J' - join. The split information can only be used in connection to version number 2 It is the same for both card and account information.
32	Sap version	3	AN	SAP file version number: 001
33	Business Online agreement number	6	N	Company Business Online number where the transactions are sent
34	File name	25	AN	The name for the file which the Company can choose to be shown in Business Online maximum 25 characters. The field can be empty, however if empty the file in Business Online will receive a generated one.
35	Type of the extract	3	N	Daily, weekly, monthly or invoice 001 Daily 002 Weekly, Monday 003 Monthly 004 Weekly, Tuesday 005 Weekly, Wednesday 006 Weekly, Thursday 007 Weekly, Friday 010 Monthly by invoicing 011 One time file with historical transactions



Field No.	Field Code	No. of pos.	Format	Description
36	Booking Date	10	N	The date when the transaction was booked. YYYYMMDD. It will be populated for card transactions (5xxx) and account transactions (7xxx).
37	CreditDebit Type Indicator	10	AN	Indicates the card type used. 'C' = Credit card 'D' = Debit card. It will be populated for card transactions (5xxx).
38	FillerC1	10	AN	Presently not in use
39	FillerD1	10	AN	Presently not in use
40	FillerE1	10	AN	Presently not in use
41	FillerF1	10	AN	Presently not in use
42	FillerG1	10	AN	Presently not in use
43	FillerH1	10	AN	Presently not in use
44	FillerI1	10	AN	Presently not in use
45	FillerJ1	10	AN	Presently not in use
46	FillerEnd	458	AN	Presently not in use

**Addendum record:**

Field No.	Field Code	No. of pos.	Format	Description
1	Merchant name and address line 1	4	N	6600: Hotel 6601: Flight 6602: Car rental
2	Card number	16	N	The card number, on which the transaction was booked.
3	Addendum number	14	N	The addendum number links the addendum record to one and only one transaction record
4	Addendum data	999	N	Addendum data is supplied according to ordinary standard (tag/length/value) Char 999 with unstructured data

Field No.	Field Code	No. of pos.	Format	Description
5	Record number	6	N	The record count is consecutive and unique within the delivery

**Trailer record:**

Field No.	Field Code	No. of pos.	Format	Description
1	Record type	4	N	9000
2	Delivery ID	12	N	Unique identifier of the delivery
3	Record number	4	N	Total number of records in the delivery (including header and trailer)