

Format description of Electronic Cash Withdrawal (ECW) payments file

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1. General information about Electronic Cash Withdrawal payments file

This document explains formats of Electronic Cash Withdrawal payments file. Format is based on Polish standard developed by Electronic Banking Council

- General rules applying to file:
- File neither contains header nor footer.
- Each line contains one separate order. Lines are separated with end of line character <CR><LF> (HEX 0D 0A)
- Nearly all fields are within inverted commas " (HEX 22). Look for Field within " " indicator.
- Fields are separated with coma (,) character (HEX 2C)
- If a field consists of subfields- each subfield is delimited with pipe (|)character (HEX 7C)
- Default encoding is CP852 code page (important to properly import Polish national characters - ąę. etc.)

1.1 File validation during import to Millenet

System does not care about special characters in file as long as fields and subfields are recognizable. It means that the only limitation is proper handling of field separator, subfield separator and field mark "".

System checks whether all mandatory fields in file (and order) are present. Once all mandatory fields are present, their contents is validated ("entry validation")

Apart from special correction / validation algorithms, there are general rules of entry validation:

- Whether number of characters in field does not exceed allowed value (e.g. there are 300 characters in 256x field)
- Whether there are no disallowed characters in field or subfield (e.g. there is letter in 15n amount field or 5 sub fields | separators in Order Title.)

Once fields in file pass "entry validation", orders are imported to Working Drafts in Millenet, where are further validated, according to field validation criteria (and where can be corrected)

1.2 Characters in fields

Format	Description
n	only digits 0 1 2 3 4 5 6 7 8 9
a	only letters A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z Ś Ź ś ź Ł Ą Ź ł ą ż Ć Ę Ń Ó ć ę ń ó
c	Alphanumeric = digits + letters
x	! # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { } ~ space and Alphanumeric

35x means that there may be up to 35 characters from x group, including empty field.

3!a - exactly 3 letters

2n - up to 2 digits

4*35x - up to 4 subfields up to 35 characters each.

2. Format description of ECW file

2.1. ECW Order structure

Field description Field identified in order by	Field required in order?	Format and Validation	Mapping to fields of Millenet payment forms	Examples
Transaction type	Mandatory	110	Not mapped	Always 110
Validity period starting date Position 2	Mandatory	YYYYMMDD	Validity start date	20120510
Validity period expiry date Position 3	Mandatory	YYYYMMDD	Validity end date	20120610
Amount Position 4	Mandatory	15n Amount cannot contain dot, coma or spaces between digits.	Amount Note that amount written in file as 531200 means 5312,00 on form.	Ex. 60080 for amount 600,80 PLN
Customer's bank BSC Position 5	Mandatory	8n! or empty	Not mapped	11602202 or ""
Withdrawal account number Position 6	Mandatory Field in ""	26n	Ordering Party Account	SSBBBBBBBBRRRRRRRRRRRRRRRRRR or SSBBBBBBBBRRRRRRRRRRRRRRRRRR
Name of the Company (Customer) Position 7	Mandatory Field in ""	4*35x or empty	Not mapped	
Beneficiary name and address; Postal code; City Position 8	Mandatory Field in ""	3*35x 2n!-3n! 30a	The field consists of subfields- each subfield is delimited with pipe () character (HEX 7C)	"Jan Kowalski ul. Jasna 12 00-950 Warszawa"
• Subfield 1 Beneficiary name 1	Mandatory	35x	Subfield 1 and 2 are merged into one Beneficiary name field	
• Subfield 2 Beneficiary name 2	Mandatory	35x		
• Subfield 3 Beneficiary address 1	Mandatory	35x	Street	
• Subfield 4 Postal code	Mandatory	2n!-3n!	Postal code	
• Subfield 5 Beneficiary address	Mandatory	30a	City	
Order details Position 9	Mandatory Field in ""	4*35x	Transfer description. Subfield 1-4 are merged into one Transfer description field.	Ex. "NA ZAKUP TOWARU"

Booking type Position 10	Mandatory	1n!	Type of ECW transfer Type W1: Payment from free funds within the validity period of the order Type W2: Payment with hold of requested amount from validity period start date Type W3: Payment with hold of requested amount from declared date Type W4: Payment with debit of account in a day before validity period start day	1 or 2 or 3 or 4
Type of ID Position 11	Mandatory Field in ""	2!a 35a	Beneficiary Identification Type	"PS 62111605473" or "DO AFX646162"
• Subfield 1 Type of ID	Mandatory	2!a	DO = ID Card PA = Passport PS = PESEL	
• Subfield 2 Number of ID	Mandatory	35a	Beneficiary Identification Number	
Reconciliation code Position 12	Mandatory Field in ""	16n	Reconciliation code	Ex. "1234567890123456" or ""
AIPP account Position 13	Optional Field in ""	26!n	AIPP account (currently not working option)	Always ""
Currency of payment Position 14	Optional Field in ""	3!a	Currency of payment	Ex. "EUR"
Phone number for SMS notification Position 15	Optional Field in ""	16n or empty	Mobile phone number for SMS notification, without + sign.	Ex. "48605111111"

3. An example of ECW payment

110,20170602,20170702,60080,11602202,"85116022020000000111356050","", "Jan Kowalski | Jasna 12 | 00-950 | Warszawa", "NA ZAKUP TOWARU", 2, "DO|AFX646162", "1234567890123456", "", "EUR", "48605111111"

4. Further information

Please contact with Millenet HelpDesk for further information: (MO-FR. 8:00 - 18:00)
0 801 632 632 (from stationary phones)
+48 22 598 40 31 (from mobile phones or abroad)