



# Electronic Statement Technical Specification Manual

Version 15 – August 2023



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## DOCUMENT VERSION

VERSION	MAINTENANCE	DATE	NOTE
V15.0	First version of the manual	05/06/2023	Does not apply
V15.1	Fields update (E Records) and increase in E Record size	04/08/2023	Details in the next session

## LATEST UPDATES

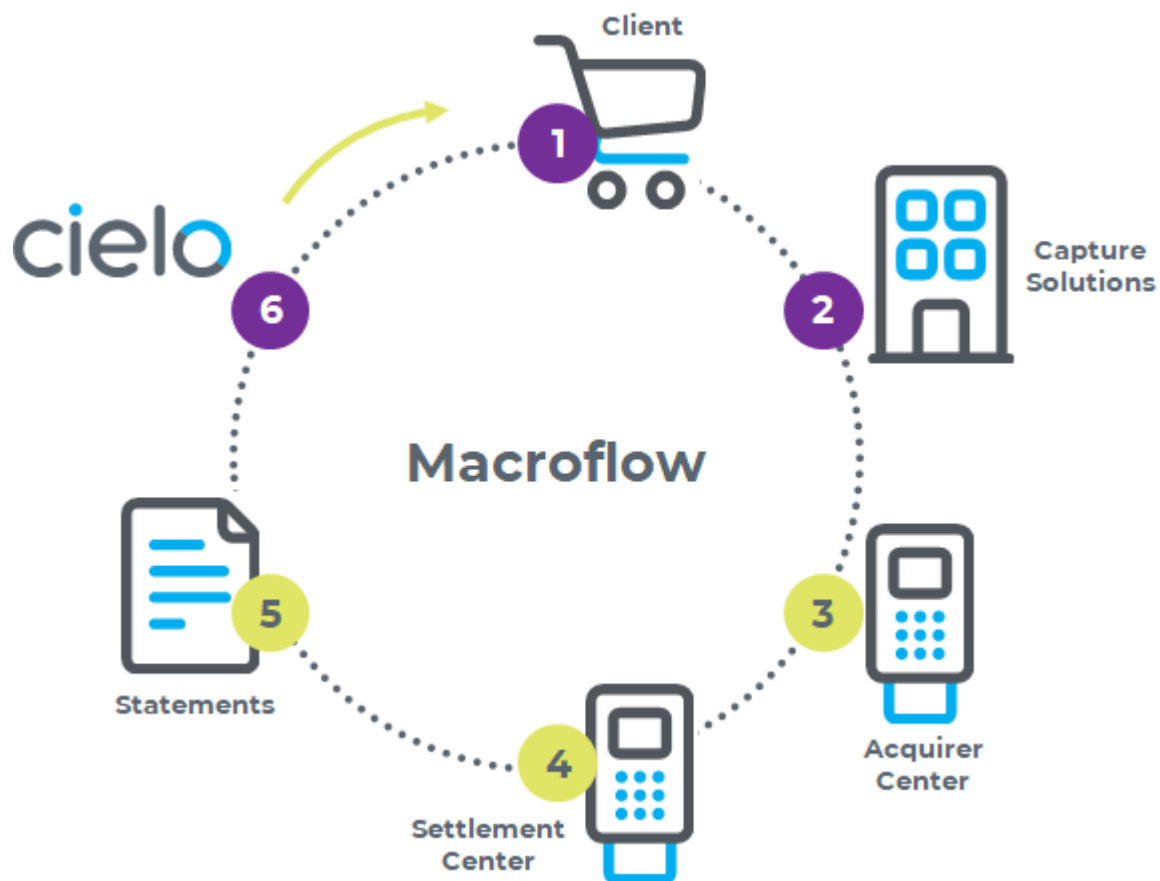
### Version 15.1

08/04/2023: Updates made to “E” records – Inclusion of bank domicile, brand reference code and size increase.

CHANGE	TO	FROM
Size increase	700 positions in the “E” register	760 positions in the “E” register
Inclusion “Banking domicile”	Blanks in positions 653 to 682 of the “E” registers	Bank domicile data in positions 653 to 682
Inclusion of the “ARN” field	Blanks in positions 683 to 700 of the “E” registers	ARN data at positions 683 to 702
Inclusion of the field “Indicative Cielo operation”	Inclusion of callsign in records “E”	Position 703 of the “E” register

## PRODUCT DESCRIPTION

The Electronic Statement is a product made available by Cielo to customers who need automation in the conciliation process. In it, information is transmitted in a standardized way without any manual interference through the SFG (Sterling File Gateway) channel, making information traffic more agile and secure. Below is the macro flow of the service:



### Key benefits

- ✓ Allows for automated accounting and financial reconciliation.
- ✓ Provides greater agility and operational efficiency.
- ✓ Enables integration with commercial sales automation.
- ✓ Generates security in the receipt of information.
- ✓ Specialized customer service channel.



## FILE TYPOLOGY (FORMAT AND STRUCTURE)

This section presents the types of files made available by Cielo, their characteristics and structure and the purpose of use.

FILE TYPE	INFORMATION	STRUCTURE	PURPOSE
<b>CIELO03</b>  Capture/Forecast	<ul style="list-style-type: none"> <li>Shows sales, adjustments, and rejected transactions captured the day before the statement was submitted.</li> <li>Shows the entire settlement plan for installment transactions made on the previous day.</li> </ul> <p>Note: The demonstration of operations of assignments made with the market depends on the submission of data to Cielo by the record keepers, which in turn depend on the data being submitted by the financing companies.</p>	<b>0</b> - Header <b>E</b> - Analytical UR (includes individual records for each installment/contract) <sup>1</sup> <b>9</b> - Trailer	Check that all sales and adjustments made have been received and provisioned for payments.
<b>CIELO04</b>  Settlement/Payment	<ul style="list-style-type: none"> <li>Amounts paid and cleared to an account on the day the Statement is submitted.</li> <li>Details the URs settled and adjustments cleared on the day.</li> <li>Details the Pix transactions settled the day before the file was submitted.</li> </ul> <p>Note: Declined transactions are only shown in file "03". Pix transaction records do not generate UR keys as they are not part of the receivables counter arrangement.</p>	<b>0</b> - Header <b>D</b> - Schedule UR <b>E</b> - Analytical UR (for installment transaction, only generates the portion released for settlement) <b>8</b> - Pix Transaction Detail <b>9</b> - Trailer  <p>Note: Type "D" and "E" records are linked by the posting type and UR key. Type 8 records can be presented before or after "D" and "E" records.</p>	Check the source of the payment received (type of sale, brand and customer/merchant that made the sale).
<b>CIELO09</b>  Outstanding balance	<ul style="list-style-type: none"> <li>Amounts receivable from Cielo, contemplating the transactions made, captured and processed, debit, credit and installment sales not yet settled in the transactions closed in the previous month.</li> </ul> <p>Note: The file is available on the 1st day of every month.</p>	<b>0</b> - Header <b>D</b> - Schedule UR <b>9</b> - Trailer	Check receivables forecast.  Should not be used for conciliation purposes.
<b>CIELO15</b>  Cielo Receivables Negotiation (NRC)	<ul style="list-style-type: none"> <li>Shows receivables negotiation operations (advances) carried out with Cielo on the previous day, both with Cielo receivables schedule and market receivables.</li> <li>Cielo schedule advances listed in "B" records will generate offsetting records in "03" files with posting type "11" and the same contract number.</li> </ul>	<b>0</b> - Header <b>A</b> - Receivables Trading Summary <b>B</b> - Receivables Trading Detail <b>C</b> - Receiving Account <b>9</b> - Trailer  <p>Note: The above records are ordered at the contract level<sup>2</sup>.</p>	Check negotiations that were carried out with Cielo.

<sup>1</sup>Note. For assignment operations made with the market, this file will demonstrate records sent by the financing company (institution that carried out the operation) with processing date prior to the date of the file. Any discrepancies between the amount demonstrated and the amount negotiated with the market should be validated with the financing company.

<sup>2</sup> Operation code that identifies the advance made

## RECORD TYPES AND STRUCTURE

This section presents the structure of the record types generated in the files and the concept applied to each transaction. Record type is understood as the type of data shown in the statement, identified by the first digit of each line listed on the file.

RECORD TYPE	DESCRIPTION	CONSISTENCY
0	Header	It shows details about the period contemplated in the statement, type of transaction, statement array and file version.
D	Schedule UR	Shows general information regarding the settlement of values, such as payment status, resubmission codes, among others at the UR level (Due date, brand, CNPJ, type of settlement and product).
E	Analytical UR	Shows transactional data from captured and settled URs. For sales transactions, it details records at the authorization level, NSU, TID, installment and date of payment/forecast. For operation records, it shows data on negotiated amounts such as contract number and due dates.  To link between type "D" and "E" records, use information listed in the "UR Key" and "Posting type" fields listed in both records.
8	Pix transaction detail	Displays the transactions sent for settlement in the Pix mode, whether for the Cielo account or the home account. The display of data in this record is conditioned to the fields "Automatic transfer identifier" and "Status of transfer to payment account".  For more details, consult the corresponding fields in the section "IV. Record 8 – Pix Transaction Detail".
A	Summary of receivables operations	Shows the negotiations that have been carried out with Cielo, whether for the transactions captured at Cielo or in the market. Demonstration at the contract/operation level.
B	Receivables negotiation detail	Shows the negotiations that have been carried out with Cielo, whether for the transactions captured at Cielo or in the market. Demonstration at negotiated UR and CNPJ level.
C	Receivables negotiation account	Contains records of banking domicile where negotiation operations will be settled/paid.
9	Trailer	File totalizer record

## I. Record 0 – Header

Identifies the header of each file by electronic statement array\*.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of records	If "0", it identifies the type of record header (beginning of file)
2	11	10	Num	Headquarters	Electronic statement array merchant number
12	19	8	Num	Processing date	YYYYMMDD – date the file was generated.
20	27	8	Num	Initial period	YYYYMMDD – initial period.
28	35	8	Num	Final period	YYYYMMDD – final period.
36	42	7	Num	Sequence	Sequential file number. In cases of reprocessing, this data will be sent as 9999999. This field is growing and can be used to control the processing sequence of the daily files.
43	47	5	Alpha	Acquiring Company	Cielo
48	49	2	Num	Statement option	See Table I.
50	50	1	Alpha	Transmission	"I" – Cielo.
51	70	20	Alpha/Num	Mailbox	Mailbox.
71	73	3	Num	Layout Version	"015".
74	250	177	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

(\*) Grouping available by CNPJ root.

## II. Record D – Schedule UR

Shows liquidated/provisioned URs as per receivables desk arrangement.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of record	If "D", it identifies the type of Schedule UR record (shown only in files "04" and "09").
2	11	10	Num	Submitting merchant	Number of merchant and/or branch where the sale or adjustment was made.
12	25	14	Num	CPF/CNPJ holder	CPF/CNPJ of the credit holder.
26	39	14	Num	CPF/CNPJ of transaction holder	CPF/CNPJ of transaction holder, corresponding to the merchant where the transaction/adjustment was processed.
40	53	14	Num	Receiving CPF/CNPJ	CPF/CNPJ of the merchant that received the settlement
54	56	3	Num	Brand	Brand Code – see table III.
57	59	3	Num	Type of settlement	"000" – unidentified "001" – debit "002" – credit  Note: This field does not indicate the nature of the posting (positive or negative) but rather the type of settlement of the amounts according to the arrangement defined in the URs. Scenarios with settlement type "000" may occur in situations where open debits are negotiated with Cielo to send collection to bank account.
60	69	10	Num	Payment array	For non-centralized payment scenarios, the merchant associated with the capture of the transaction/adjustment is shown
70	71	2	Num	Payment status	Indicates payment status – see table IV.
72	72	1	Alpha	Gross value sign	"+" identifies credit amount. "-" identifies debit amount.
73	85	13	Num	Gross amount (*)	Sum of the sale/adjustment amounts of the UR.
86	86	1	Alpha	Administrative fee sign	"+" identifies debit amount. "-" identifies credit amount.
87	99	13	Num	Administrative fee amount (*)	Administrative fee amount discounted from sales.
100	100	1	Alpha	Net amount signal	"+" identifies credit amount. "-" identifies debit amount.
101	113	13	Num	Net amount (*)	Sales amount minus administrative fee amount.
114	117	4	Num	Bank	Code of the bank in which the amounts were deposited.
118	122	5	Num	Branch	Code of the branch in which the amounts were deposited.
123	142	20	Alpha/Num	Account	Account in which the amounts were deposited.
143	143	1	Alpha/Num	Account digit	Digit of the account in which the amounts were deposited.
144	149	6	Num	Number of UR postings	Number of postings (E records) grouped in the UR. For URs associated with operations (posting types greater than 10), "E" type records may not match the record listed in this field since "E" type records with zero value are deleted.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
150	151	2	Num	Posting type	Type of posting of the transaction grouped in the UR – see table II
152	251	100	Alpha/Num	UR Key	Value grouping key. It is recommended to use this key grouped with "Posting type" to track the <u>settlement lifecycle</u> .
252	253	2	Num	Original posting type	Original posting type – see table II If the UR has no modification between capture and settlement, this field will be submitted with "00".
254	254	1	Num	Pre-payment type	"0" - Normal Transaction "1" - Pre-paid Transaction "2" - Assigned Transaction " " – Unidentified  Field available for postings 29 and 31 (see table II)  Note: Identifier used only for operations carried out before June 7, 2021. Operations performed after June 7, 2021 are identified through the posting types 11, 13 and 14, as per table II.  <u>Fields for Cielo use. It may be used to submit other information in the future.</u>
255	263	9	Num	Advance number	Reports the number of the operation carried out with Cielo If posting type other than 29 and 31, zeros are shown.  Note: Identifier used only for operations carried out before June 7, 2021.  <u>Fields for Cielo use. It may be used to submit other information in the future.</u>
264	267	4	Num	Advance fee	Average rate contracted for pre-payment. If posting type other than 29 and 31, zeros are shown  Note: Identifier used only for operations carried out before June 7, 2021.  <u>Fields for Cielo use. It may be used to submit other information in the future.</u>
268	275	8	Num	Payment date	DDMMYYYY – Payment date (forecast for files "09") of the UR. At reprocessing, it can be updated after the transaction/adjustment has been processed.
276	283	8	Num	Bank submission date	DDMMYYYY – Date credit is submitted to the bank. In reprocessing, it can be updated after transaction processing or adjustment. For amounts not yet submitted, "01011001" is shown
284	291	8	Num	Original due date	DDMMYYYY – Original due date. Static field.
292	301	10	Num	Payment merchant number	Number of merchant that received the credit/debit.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
302	302	1	Alpha/Num	Pending posting code	Identifies debtor URs awaiting clearing/write-off. "S" – Yes "N" – No
303	303	1	Alpha/Num	Payment resubmission code	Identifies URs with settlement resubmitted for credit/debit. "S" – Yes "N" – No  For records with the "S" code it is necessary to always consider the last submission, overlapping the previously received records.
304	304	1	Alpha/Num	Lien operation code	Identifies URs that were negotiated with guarantees associated with credit operations (liens). "S" – Yes "N" – No
305	318	14	Num	CPF/CNPJ of negotiator	Identifies the CPF/CNPJ of the financial institution that carried out the operation.
319	319	1	Alpha/Num	Outstanding balance code	This field is only completed for files type "09" (see table I)  "D" debit balance "R" revolving balance "P" balance in installments. " " for files other than "09".  Used to consolidate amounts according to due dates. <sup>3</sup>
320	400	81	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

(\*) Should be considered as having two decimal places, without commas, periods, or any other character.

<sup>3</sup> See details in the section "Balance/Circularization Letter" (PDF)

### III. Record E – Analytical UR

Shows capture/settlement transaction at the transactional and contract level.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of record	If "E", it identifies analytical transaction of the UR.
2	11	10	Num	Submitting merchant	Number of merchant that made the sale/adjustment.
12	14	3	Num	Settlement brand	Brand Code – see table III. Brand that received the settlement of the amount in account
15	17	3	Num	Type of settlement	"000" – unidentified "001" – credit "002" – debit
18	19	2	Num	Installment	For installment sale (posting type "03"), it will be formatted with the number of the installment that being released. For other postings, it is formatted with zeros.
20	21	2	Num	Sale plan	Total number of installments of sale. For posting type other than "03", zeros are shown.
22	27	6	Alpha/Num	Authorization code	Transaction authorization code. This number is not unique and can be repeated. For the purpose of reconciliation, it must be combined with other fields such as card number, authorization, date of sale, amount and UR key.
28	29	2	Num	Posting type	Posting type – see table II
30	129	100	Alpha/Num	UR Key	Value grouping key. It is suggested to use this grouped key plus "Posting Type" to track the settlement cycle of the amounts.
130	151	22	Alpha/Num	Received transaction/contract code	Tracking code generated for the capture of the transaction/adjustment. For operations postings (11, 13 and 14) this field will demonstrate the contract number associated with the operation. For assignments made with Cielo, this data corresponds to the field "Operation Code / Contract" of the record type "A".  Indicated as a conciliation key. Also used as a coexistence key between version 14 and 15 of the statement. For more details, see section <a href="#">"Keys to coexistence between versions"</a>
152	155	4	Num	Adjustment code	Identifies the breakdown of the source of the adjustment conditioned to the "Posting Type" field – see Table IX. Not completed for postings type "01", "02" and "03", other types may prompt this field with blanks. For these cases, consider only the posting type code.
156	158	3	Num	Payment method	Code that identifies the payment method – see Table V.
159	159	1	Alpha/Num	Cielo Promo Code	Cielo Promo Product Identifier = "S". Identifies that the sale participated in a campaign on the Promotional Platform.  "S" – Yes, it has Cielo Promo; "N" – Does not have Cielo Promo.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
160	160	1	Alpha/Num	DCC Code	"S" – Transaction processed with currency converter; "N" – Transaction without currency converter processing.
161	161	1	Alpha/Num	Minimum commission code	"S" – Transaction with minimum fee "N" – Transaction with no minimum fee.
162	162	1	Alpha/Num	Receba Rápido Code	"S" – Yes, it has Receba Rápido; "N" – Does not have Receba Rápido.
163	163	1	Alpha/Num	Zero rate code	"S" – Yes, it has zero rate; "N" – It does not have zero rate.
164	164	1	Alpha/Num	Denied transaction code	"S" – Denied transaction, "N" – Approved transaction  If "N", the field "Reason for denial" will be left blank.
165	165	1	Alpha/Num	Late sale code	"S" – Transaction with late capture, "N" – Transaction captured on the original processing date.
166	171	6	Num	Card BIN	First 6 digits of the card that made the purchase.
172	175	4	Num	Card number	Last 4 digits of the card that made the purchase.
176	181	6	Num	NSU/DOC	Sequential number, also known as DOC (document number). Identifies the transaction on the day it was performed. This number is not unique and can be repeated. If the sale has been reprocessed, the NSU can be changed.
182	191	10	Num	Invoice number	Invoice number for merchants that capture this information. When not available, it will be formatted with zeros.
192	211	20	Alpha/Num	TID	Identification of e-commerce transaction.
212	231	20	Alpha/Num	Order Code/ Reference	Order reference or code entered in an e-commerce transaction. When not available, it will be formatted with blanks. For retries, a random code can be generated when capturing the transaction (for more details, contact the Cielo e-commerce team)
232	236	5	Num	Rate (MDR) (*)	MDR percentage applied to the transaction amount. This field is informative and is added to the administrative fee in headings 242 to 246.
237	241	5	Num	Receba Rápido Rate (*)	Percentage of Receba Rápido fee applied to the transaction amount. This field is informative and is added to the administrative fee in headings 242 to 246.
242	246	5	Num	Sales rate (*)	Percentage of fee applied to the transaction amount. Consider this field for net amount calculation.
247	247	1	Alpha	Signal total sale amount	"+" identifies the amount on credit. "-" identifies the debit amount.



INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
248	260	13	Num	Total sale amount (*)	Amount of the purchase, for sale in installments the total sale amount will be shown.
261	261	1	Alpha	Signal gross amount of sale or installment	"+" identifies the amount on credit. "-" identifies the debit amount.
262	274	13	Num	Gross amount of sale or installment (*)	Amount of purchase or installment that was released, in the case of sale in installments at the store.  Note: Field used for calculation of subsequent values.
275	275	1	Alpha	Signal net sale amount	"+" identifies the amount on credit. "-" identifies the debit amount.
276	288	13	Num	Net sale amount (*)	Net amount of purchase or installment that was released, in the case of sale in installments at the store.
289	289	1	Alpha	Signal commission amount	"+" identifies the amount on credit. "-" identifies the debit amount.
290	302	13	Num	Commission amount (*)	Total discount amount of the purchase or installment that was released
303	303	1	Alpha	Signal minimum commission amount	"+" identifies the amount on credit. "-" identifies the debit amount.
304	316	13	Num	Minimum commission amount (*)	Discount amount on the purchase or the installment for which minimum commission was charged.
317	317	1	Alpha	Signal input amount	"+" identifies the amount on credit. "-" identifies the debit amount.
318	330	13	Num	Down payment amount (*)	Gross amount of down payment for the sale – Specific for Airlines
331	331	1	Alpha	Signal MDR rate amount	"+" identifies the amount on credit. "-" identifies the debit amount.
332	344	13	Num	MDR rate amount (*)	Discount amount calculated on the gross amount of the sale (heading 262 to 274 of "E" record).
345	345	1	Alpha	Signal Receba Rápido amount	"+" identifies the amount on credit. "-" identifies the debit amount.
346	358	13	Num	Receba rápido amount (*)	Net discount amount per Receba Rápido charge (informational only)
359	359	1	Alpha	Signal withdrawal amount	"+" identifies the amount on credit. "-" identifies the debit amount.
360	372	13	Num	Withdrawal amount (*)	Amount of the Withdrawal transaction with Debit card or Agro Electron according to the RO product indicator.
373	373	1	Alpha	Signal boarding fee amount	"+" identifies the amount on credit. "-" identifies the debit amount.
374	386	13	Num	Boarding fee value (*)	Gross amount of boarding fee. Specific for Airlines
387	387	1	Alpha	Signal outstanding amount	"+" identifies the amount on credit. "-" identifies the debit amount.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
388	400	13	Num	Outstanding amount (*)	Amount pending clearing. For records with positive value, zeros are shown.
401	401	1	Alpha	Signal total debt amount	"+" identifies the amount on credit. "-" identifies the debit amount.
402	414	13	Num	Total debt amount (*)	Original debt amount. For records with positive balance, zeros are shown.
415	415	1	Alpha	Signal amount charged	"+" identifies the amount on credit. "-" identifies the debit amount.
416	428	13	Num	Amount charged (*)	Discounted amount of the total debt amount of until this record is listed in the statements. If positive balance, zeros are shown.
429	429	1	Alpha	Signal administrative fee amount	"+" identifies the amount on credit. "-" identifies the debit amount.
430	442	13	Num	Administrative fee amount (*)	Total discount amount of the sale. For transactions with MDR-only charges, this field shows the same total as heading 290 to 302.
443	443	1	Alpha	Signal Cielo Promo amount	"+" identifies the amount on credit. "-" identifies the debit amount.
444	456	13	Num	Cielo Promo amount (*)	Discount amount for transactions with Cielo Promo tag.
457	457	1	Alpha	Signal DCC amount (Currency Converter)	"+" identifies the amount on credit. "-" identifies the debit amount.
458	470	13	Num	DCC amount (Currency Converter) (*)	Discount amount for transactions captured with currency converter.
471	476	6	Num	Transaction time	Shows transaction time (HHMMSS)
477	478	2	Num	Card group	Identifies the grouping and source of the card type as described below:  "00" - Unassigned service "01" - Card issued in Brazil "02" - Card issued abroad "03" - MDR by Card Type - Initial "04" - MDR by Card Type - Intermediate "05" - MDR by Card Type – Superior  See table VI.
479	492	14	Num	CPF/CNPJ of recipient	CPF/CNPJ of the merchant that received the settlement
493	495	3	Num	Authorization brand	Original brand code of the transaction/capture. For scenarios where the "Authorization brand" field is different from the "Settlement brand" field, it indicates that a certain posting was processed under one brand, but paid to another due to clearing for transactions. See table III
496	510	15	Alpha/Num	Unique sales code	Identifies the sales code.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
511	525	15	Alpha/Num	Original sale code	Reports the original "Unique Sale Code" for adjustment records. Shown for records with posting type "06", "07", "08" and "09".
526	540	15	Alpha/Num	Unique adjustment code	Identifies the grouping code of the settings. If posting type "01", "02" and "03", this field will show zeros.
541	543	3	Num	Capture medium	See table VII. If the sale has been reprocessed, the system will send the capture medium "03", "10" or "11" depending on the re-entry channel of the sale. For these cases, disregard the value entered in the "Terminal number" field.
544	551	8	Num	Terminal number	Logical number of the terminal where the sale was made. If capture medium "03", "10" or "11", disregard the logical number of the terminal, since an internal Cielo number is shown.
552	553	2	Num	Original posting type	Original posting type – see table II If the UR has no modification between capture and settlement, this field will be submitted with "00".
554	556	3	Alpha/Num	Transaction type	Type of sale associated with the transaction  "001" – Debit "002" – Credit "003" - Installments  Populated field for records with posting type "01", "02" and "03".  <u>Fields for Cielo use. It may be used to submit other information in the future.</u>
557	565	9	Num	Operation number	Reports the number of the operation carried out with Cielo If posting type other than 29 and 31, zeros are shown  Note: Identifier used only for operations carried out before June 7, 2021.  <u>Fields for Cielo use. It may be used to submit other information in the future.</u>
566	573	8	Num	Date of authorization	Date on which the transaction/adjustment was submitted for processing. Field entered with the format "DDMMYYYY".
574	581	8	Num	Date of capture	Date on which the transaction/adjustment was captured by Cielo. At retrieval, it can be updated after transaction or adjustment is processed. Field entered with the format "DDMMYYYY".
582	589	8	Num	Date of sale	Date of issuance of transaction/adjustment by the merchant. Field entered with the format "DDMMYYYY".
590	597	8	Num	Date of original sale transaction	Original date of sale/adjustment transaction. Field entered with the format "DDMMYYYY".

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
598	604	7	Num	Batch number	Operation summary number. Contain information for a group of sales made on a particular date. Batch/shipment number for transactions submitted via IATA (Airlines) or captures via EDI.
605	626	22	Num	Transaction number processed	Unique tracking code used for adjustments originating from sales (posting types "01", "02" and "03"). Indicates the "Received transaction code/contract" of the sale that has been adjusted.  Indicated for conciliation key. Also used as a coexistence key between version 14 and 15 of the statement. For more details, see section <a href="#">"Keys to coexistence between versions"</a>
627	629	3	Alpha/Num	Reason for denial	If transaction is denied, it will be populated with the domains of table X.  Denied transactions are displayed only in the "03" files, other statements do not show transactions with this characteristic.
630	637	8	Num	Original due date	Original payment date.  Static field generated after capture of the transaction/adjustment. For repayment resubmission scenarios will keep the original settlement date.  Field entered with the format "DDMMYYYY".
638	647	10	Num	Payment array	Payment array merchant
648	649	2	Alpha/Num	Card type	Card category classification. See table XI
650	650	1	Alpha/Num	Source of card	"S" – Foreign card, "N" – Domestic card.
651	651	1	Alpha/Num	MDR code by card type	"S" – Yes, "N" – No.
652	652	1	Alpha/Num	Installment customer code	Indicates that the charge of the MDR fee assigned to the sale will be passed on to the cardholder.  "S" – Yes, "N" – No.  Note: Shows as "Installment customer" on POS terminals.
653	656	4	Num	Bank	Code of the bank in which the amounts were deposited. It may not be the same as shown in the payment file (Record D).
657	661	5	Num	Branch	Code of the branch in which the amounts were deposited. It may not be the same as shown in the payment file (Record D).
662	681	20	Alpha/Num	Account	Account in which the amounts were deposited. It may not be the same as shown in the payment file (Record D).
682	682	1	Alpha/Num	Account digit	Digit of the account in which the amounts were deposited. It may not be the same as shown in the payment file (Record D).

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
683	705	23	Alpha/Num	ARN	Brand reference code (data provided by the brands, not considered as a reconciliation key)
706	706	1	Alpha/Num	Cielo indicative operation	This field indicates whether the transaction/negotiation was carried out with Cielo or the market  "S" – Indicates operation/negotiation made with Cielo. "N" – Indicates operation/negotiation made with the market.
707	760	54	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

(\*) Should be considered as having two decimal places, without commas, periods, or any other character.

(\*\*) Should be considered as having three decimal places, without commas, periods, or any other character.

#### IV. Record 8 – Pix Transaction Detail

Shows Pix transactions settled

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Num	Type of record	If "8" – identifies the type of record that shows the Pix transaction (shown only in "04" files in Pix transaction settlement situations)
2	11	10	Num	Submitting merchant	Number of merchant and/or branch where the transaction was carried out.
12	13	2	Num	Transaction type	Code that identifies the transaction "01" – Pix Transaction "02" – Adjustment to credit "03" – Adjustment to debit
14	19	6	Num	Transaction Date	YYMMDD – Date transaction was made.
20	25	6	Num	Transaction time	Transaction time shown in HHMMSS format
26	61	36	Alpha/Num	Pix ID	Code that identifies Pix transaction.
62	67	6	Num	NSU/DOC	Sequential number, also known as DOC (document number), which identifies the transaction on the date it was performed. This number is not unique and can be repeated. If the sale has been reprocessed, the NSU can be changed.
68	73	6	Num	Payment date	YYMMDD – Payment date. In reprocessing, it can be updated after transaction processing or adjustment.  When the "Transfer status to payment account" is equal to: 01 - Paid in the Cielo Account: the date on which the payment was made in the Cielo Account will be demonstrated. 05 - Paid in the Domicile Account: the date on which the transfer to the Domicile Account was made will be presented  For the other Transfer Status to payment account, the date on which the transaction was paid in the Cielo Account will be demonstrated, but the payment/transfer to the Domicile Account is still in transit.
74	74	1	Alpha	Gross value sign	"+" identifies credit amount. "-" identifies debit amount.
75	87	13	Num	Gross amount (*)	Gross transaction amount.
88	88	1	Alpha	Administrative fee sign	"+" identifies credit amount. "-" identifies debit amount.
89	101	13	Num	Administrative fee amount (*)	Amount of administrative fee deducted on the transaction.
102	102	1	Alpha	Net amount signal	"+" identifies the amount on credit. "-" identifies the debit amount.
103	115	13	Num	Net amount (*)	Transaction amount minus administrative fee
116	119	4	Num	Bank	Code of the bank in which the amounts were deposited.  If the Auto Transfer Identifier is equal to: - N: the Bank referring to the Cielo Account will be presented - S: the Bank referring to the Domicile Account will be presented

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
120	124	5	Num	Branch	Code of the branch in which the amounts were deposited.  If the Auto Transfer Identifier is equal to: - N: the Branch referring to the Cielo Account will be presented - S: the Branch referring to the Domicile Account will be presented
125	144	20	Alpha/Num	Account	Account in which the amounts were deposited.  If the Auto Transfer Identifier is equal to: - N: the Account referring to the Cielo Account will be presented - S: the Account referring to the Domicile Account will be presented
145	150	6	Num	Transaction capture date	YYMMDD - Date the transaction was captured by Cielo. In reprocessing, it can be updated after transaction processing or adjustment.
151	155	5	Num	Administrative fee (*)	Percentage of administrative fee applied to the transaction amount.
156	159	4	Num	Administrative Fee (*)	Fee charged per transaction.
160	161	2	Num	Capture Medium	See table VII. If sale has been reprocessed, the system will send the capture medium 06: Manual capture medium. In this case, disregard the value entered in the logical number of the terminal.
162	169	8	Alpha/Num	Logical terminal number	Logical number of the terminal where the sale was made. When the capture medium is equal to 06, disregard the logical number of the terminal, as this will be an internal Cielo number.
170	175	6	Num	Original transaction date	YYMMDD – Date the original transaction was made.
176	181	6	Num	Time of the original transaction	Time of the original transaction shown in HHMMSS format.
182	217	36	Alpha/Num	Original Pix ID	Field populated only for adjustment scenarios, the information shown indicates the original Pix ID of the adjusted sale
218	219	2	Alpha	Change/withdrawal code	"TR" Change / "SQ" Withdrawal / " " Sale
220	221	2	Alpha/Num	Adjustment Source	If transaction type is different from 01, this field is populated with: "17" – Chargeback/Cancellation of Pix Transaction "12" – Pix fee settlement (settlement made via Pix) Otherwise it shows blanks.  Note: When the fee settlement is made directly on the client's schedule, a record type "E" with adjustment code "0256" will be shown
222	222	1	Alpha	Automatic transfer identifier	Indicates whether or not Customer has automatic transfer from the Cielo Account to the Domicile Account enabled on file, at the time of the transaction. "S" - Yes "N" - No

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
223	224	2	Alpha/Num	Status of transfer to payment account	<p>The status of transfer to payment account, can contain the following amounts: If the automatic transfer Ind. is equal to:</p> <p>S: The Payment Status will always be: 01 - Paid account in Cielo Account</p> <p>N: The Payment Status can be: 02 - In transfer to Domicile Account 03 - Transfer denied by the Bank. 04 - Invalid Banking Domicile 05 - Paid in the Domicile Account</p> <p>Only transactions where the Transfer Status to payment account is equal to 01 or 05 should be considered as settled.</p> <p>For Pix Returns scenarios, transaction type "02" and "03" demonstrate whites.</p>
225	230	6	Num	Payment date on Cielo account	YYMMDD - Date on which the payment was made to the Cielo Account
231	250	20	Alpha/Num	Cielo Use	<p>Blanks.</p> <p>The size of this field may increase according to the need to add new information to the statements.</p>

(\*) Should be considered as having two decimal places, without commas, periods, or any other character.

(\*\*) Should be considered as having three decimal places, without commas, periods, or any other character.



## V. Record A – Receivables Operation Summary

It allows you to check the negotiations that have been carried out with Cielo, whether of the transaction captured in Cielo or in the market.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of record	If "A" – identifies the type of record (displayed only in files type "15")
2	7	6	Num	Date of negotiation	YYMMDD – Date of negotiation.
8	13	6	Num	Payment Date	YYMMDD – Payment Date
14	27	14	Num	CPF / CNPJ	CPF/CNPJ/CNPJ Root Number associated with the operation
28	30	3	Num	Medium term.	Average term of the maturities contained in the operation
31	35	5	Num	Nominal Rate (**)	Rate considered for 30-day maturities
36	36	1	Alpha	Gross value sign	"+" identifies credit amount. "-" identifies debit amount.
37	49	13	Num	Gross amount (*)	Gross operation amount
50	50	1	Alpha	Net amount signal	"+" identifies credit amount. "-" identifies debit amount.
51	63	13	Num	Net amount (*)	Net transaction amount.
64	83	20	Alpha/Num	Operation / Contract Code	Operation/Contract Code (displayed in capture, settlement, and balance files – 03, 04, and 09 – for posting types 11).
84	86	3	Num	Payment method	Indicates the payment method of the prepaid amount  001 – SLC (CIP Settlement System) 002 – TED 003 – Pix 004 – Manual/BackOffice " " – SLC (pre field deployment)
87	250	164	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

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(\*\*) Should be considered as having three decimal places, without commas, periods, or any other character.

## VI. Record B – Receivables Negotiation Detail

It allows you to check the details of the negotiations that were carried out with Cielo.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of record	If "B" – identifies the type of record (displayed only in files type "15").
2	7	6	Num	Date of negotiation	YYMMDD – Date of negotiation.
8	13	6	Num	Original due date	YYMMDD – Original expiration date.
14	27	14	Num	CPF / CNPJ	CPF/CNPJ number.
28	30	3	Num	Brand	Brand Code – see table III.
31	33	3	Num	Type of settlement	"000" – unidentified "001" – debit "002" – credit
34	34	1	Alpha	Gross value sign	"+" identifies credit amount. "-" identifies debit amount.
35	47	13	Num	Gross amount (*)	Gross amount.
48	48	1	Alpha	Net amount signal	"+" identifies credit amount. "-" identifies debit amount.
49	61	13	Num	Net amount (*)	Net amount.
62	66	5	Num	Effective rate (**)	Effective discount rate applied for early maturity
67	116	50	Alpha	Financial institution	Financial institution.
117	126	10	Num	Merchant number	Number of merchant associated with the negotiated contract <sup>4</sup>
127	250	124	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

(\*) Should be considered as having two decimal places, without commas, periods, or any other character.

(\*\*) Should be considered as having three decimal places, without commas, periods, or any other character.

<sup>4</sup> Indicates the number of the merchant linked to the advance contract made with Cielo, does not correspond to the merchant number of the UR

## VII. Record C – Receivables Negotiation Receiving Account

It allows you to check the banking domicile where the operations were settled.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of record	If "C" – identifies the type of record (displayed only in files type "15").
2	5	4	Num	Bank	Code of the bank in which the amounts were deposited.
6	10	5	Num	Branch	Code of the branch in which the amounts were deposited.
11	30	20	Alpha/Num	Account	Account in which the amounts were deposited.
31	31	1	Alpha	Deposited amount signal	"+" identifies credit amount.
32	44	13	Num	Amount deposited (*)	Amount deposited.
45	250	206	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

(\*) Should be considered as having two decimal places, without commas, periods, or any other character.

## VIII. Record 9 – Trailer

File totalizer.

INI	END	SIZE	TYPE	DESCRIPTION	EDI MATCHES
1	1	1	Alpha/Num	Type of record	If "9" – Identifies the type of trailer detail record (end of file).
2	12	11	Num	Total registration	Total number of records, which do not include header and trailer.
13	13	1	Alpha	Net Amount Sign	"+" identifies a positive amount. "-" identifies a negative amount.
14	30	17	Num	Net Amount of the sum of all records type "E" (*)	Net Amount of the sum of all records type "E"
31	41	11	Num	Total number of type "E" records	Total number of type E records – Details
42	42	1	Alpha	Signal Gross Amount of the sum of all records type "E"	"+" identifies a positive amount. "-" identifies a negative amount.
43	59	17	Num	Gross Amount of the sum of all records type "E" (*)	Gross Amount of the sum of all records type "E"
60	60	1	Alpha	Signal net amount "assigned amounts"	"+" identifies a positive amount. "-" identifies a negative amount.
61	77	17	Num	Sum net amount "amounts assigned" (*)	Sum for all detail records with posting type "11"
78	78	1	Alpha	Signal net amount "lien amounts"	"+" identifies a positive amount. "-" identifies a negative amount.
79	95	17	Num	Sum net amount "lien amounts"	Sum for all detail records with posting type "13"
96	250	155	Alpha/Num	Cielo Use	Blanks. The size of this field may increase according to the need to add new information to the statements.

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## TABLES

The following are the tables that have treatment for detailing and "to/from" data in the reading of the statements.

### I. File Types

The following are the types of files sent in version 15 of the manual (field corresponding to heading 48 to 49 of the record type "0" – Header).

CODE	DESCRIPTION
03	Capture/Forecast
04	Settlement/Payment
09	Outstanding balance
15	Cielo Receivables Negotiation (NRC)

### II. Posting Types

The table below indicates the nature of the record shown in the statements. Presented in type "D" and "E" records, also used for grouping type "E" records within a Schedule UR.

CODE	DESCRIPTION
01	Debit sale
02	Full payment credit sale
03	Installment credit sale
04	Debit adjustment
05	Credit adjustment
06	Sale cancellation
07	Cancellation reversal
08	Dispute/Chargeback
09	Dispute/Chargeback reversal
10	Cielo Plan
11	Assignment debit
13	Lien debit
14	Lien credit
15	Debit for clearing amounts
16	Credit for clearing amounts
17	Reversal of assignment credit
18	Reversal of assignment debit
19	Chargeback of lien credit

CODE	DESCRIPTION
20	Reversal of the lien debit
21	Offsetting entry to Cancellation / Dispute of sale debit
22	Offsetting entry to Cancellation/Dispute of Negotiated Sale credit
23	Pledge debit
24	Pledge credit
25	Reversal of pledge credit
26	Reversal of pledge debit
27	Debit for Cancellation/Dispute of sale negotiated after cancellation of the negotiation
28	Credit for Cancellation/Dispute of sale negotiated after cancellation of the negotiation
35	Clearing debit Debit Cancellation of Transaction in Lien Operation
36	Clearing credit Cancellation of Transaction in Lien Operation
37	Clearing debit Cancellation of Transaction in Lien Operation
38	Clearing credit Cancellation of Transaction in Lien Operation
39	Clearing debit Cancellation of Transaction in Assignment Operation
40	Clearing credit Cancellation of Transaction in Assignment Transaction
98	Advance credits
99	Advanced amounts

### III. Brand Codes

Table corresponding to brand fields shown in the records "D", "E" and "C" for "Brand", "Clearing Brand" and "Authorization Brand" fields.

CODE	DESCRIPTION
001	Visa
002	Master Card
003	American Express
006	Sorocred
007	Elo
009	Diners
011	Agiplan
015	Banescard
023	Cabal
029	Credsystem
035	Explanada

CODE	DESCRIPTION
040	Hipercard
060	JCB
064	Credz
072	Hiper
075	Ourocard
888	Pix

#### IV. Payment Status

Describes the status of payment/settlement of amounts.

CODE	DESCRIPTION
00	Scheduled
03	Submitted to bank
04	Paid
05	Paid without confirmation
07	Resubmitted for payment
10	Write-off for clearing
11	Manual payment
31	Settled in schedule
32	Settlement in assigned schedule
46	Debit submitted to account (to be confirmed)
47	Debit settled directly to the account
54	To be confirmed (expired)
58	Debit written off by negotiation
98	Prepaid
99	Assigned

## V. Payment Method

The codes indicated in this table detail the form of payment/product linked to the sale or adjustment described in the files (unique field for type "E" records indicated in headings 156 to 158).

CODE	DESCRIPTION
001	Agiplan cash credit
002	Agiplan installment store
003	Banescard cash credit
004	Banescard installment store
005	Esplanada full payment credit
006	Credz full payment credit
007	Esplanada installment plan store
008	Credz installment plan store
009	Elo Payment Plan
010	Mastercard full payment credit
011	Maestro
012	Mastercard installment plan store
013	Elo Construcard
014	Elo Agro Debit
015	Elo Agro Costing
016	Elo Agro Investment
017	Elo Agro Costing + Debit
018	Elo Agro Investment + Debt
019	Discover full payment credit
020	Diners full payment credit
021	Diners installment plan store
022	Visa Agro Costing + Debit
023	Visa Agro Investment + Debit
024	FCO Investment
025	Agro Eléctron
026	Agro Costing
027	Agro Investment
028	Visa FCO Working Capital
029	Visa payment plan on credit
030	Visa installment plan customer
031	Prepaid Visa Debit



CODE	DESCRIPTION
032	Prepaid Visa Credit
033	JCB full payment credit
035	Prepaid Visa Payment Plan
036	Visa Debit Card Withdrawal
037	Flex Car Visa Voucher
038	Credsystem full payment credit
039	Credsystem installment plan store
040	Visa full payment credit
041	Visa Electron Full Payment Debit
042	Visa Toll
043	Visa installment plan store
044	Visa Eléctron Predated
045	Alelo Meal Voucher
046	Alelo Food Voucher
058	Alelo Multibenefit
059	Alelo Auto Voucher
060	Sorocred full payment debit
061	Sorocred full payment credit
062	Sorocred installment plan store
064	Visa Payment Plan
065	Alelo Meal Voucher
066	Alelo Food Voucher
067	Visa Working Capital
068	Visa Real Estate Credit
069	Alelo Culture Voucher
070	Elo full payment credit
071	Elo full payment debit
072	Elo installment plan store
073	Prepaid Visa Cash (Visa Toll Voucher)
079	Visa Eléctron Payment Plan
080	Visa Currency Converter Credit
081	Mastercard Specialized Credit (*)
082	Amex full payment credit

CODE	DESCRIPTION
083	Amex installment plan store
084	Amex installment plan bank
089	Elo Real Estate Credit
091	Elo Specialized Credit (*)
094	Banescard Debit
096	Cabal credit, full payment
097	Cabal cash debit
098	Cabal merchant, split payment
107	Prepaid Mastar Card Payment Plan
110	Prepaid Mastar Card Credit
111	Prepaid Mastar Card Debit
161	Hiper full payment credit
162	Hiper full payment debit
163	Hiper installment plan store
164	Hipercard full payment credit credit
165	Hipercard installment plan store
200	Verdecard full payment credit
201	Verdecard installment plan store
202	Nutricash Food Voucher
203	Nutricash Meal Voucher
204	Nutricash Multibenefit
205	Nutricash Fuel Voucher
206	Ben Food Voucher
207	Ben Meal Voucher
269	Prepaid Elo Payment Plan
270	Prepaid Elo Credit
271	Prepaid Elo Debit
314	Ourocard Agro debit
315	Ourocard Agro costing
316	Ourocard Agro investment
317	Ourocard Agro costing + debit
318	Ourocard Agro investment + debt
321	Mastercard payment plan on credit

CODE	DESCRIPTION
322	Mastercard installment plan customer
324	Elo installment plan customer
330	Elo payment plan on credit
342	Mastercard Toll
377	Elo Payment Plan
378	Mastercard Payment Plan
380	Mastercard Currency Converter Credit
433	JCB installment plan store

## VI. Card Group

For customers who have opted for MDR by card type, shows the billing category assigned to the sale/adjustment. For other cases, it shows the source of issuance of the card (national/foreign).

CODE	DESCRIPTION
00	Unassigned service (used for records that do not have MDR by card type, scenario where information is not obtained from issuers in the authorization of the sale and records of adjustments not originated in sales).
01	Card issued in Brazil
02	Card issued abroad
03	MDR by card type - Initial
04	MDR by card type – Intermediate
05	MDR by Card Type – Superior

## VII. Capture medium

Channel used by the customer to submit the sale (exclusive data for records type "E" and "8").

CODE	DESCRIPTION
000	Cielo Lio
001	POS (Point of Sale)
002	Mobile
003	Manual
004	IVR/CVA
005	EDI/Remittance (Data Exchange)
006	GDS/IATA
007	E-commerce
008	TEF/POS
009	Moedeiro (not used)
010	Customer Service Center (BackOffice)
011	Customer Service Center
012	Chargeback
013	Ombudsman
014	Massive
015	Superlink/Typed
099	Unidentified
" "	Unidentified

## VIII. Capture type

Corresponds to the form of entry of the authorization request (exclusive data for type "E" records).

CODE	DESCRIPTION
00	Manual re-entry
01	Typed sale
02	Magnetic track reading
03	Barcode
04	OCR – technology that processes an image and extracts the written texts
05	Online Chip
06	Track
07	Contactless
90	Track
91	Contactless emulating stripe
95	Offline Chip
99	Tap on Phone

## IX. Adjustment code

The table shows the breakdown of the source of the adjustment indicated for records with a posting type other than "01", "02" and "03" (unique data for records type "E").

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0000 - 0002 - 0034 - 0037 A 0039 - 0049 - 0052 - 0054 - 0092 A 0099 - 0120 A 0121 - 0129 - 0137 - 0151 - 0192 A 0195 - 0208 - 0279 A 0280 - 0282 - 0286 - 0713 - 0715 - 0952 A 0953 - 0989 - 0992	Sale canceled by the merchant or Reversal of sales charge canceled by the merchant	Cancellation	17
0001	Payment of sales pending settlement by Cielo	Settlement	04
0003	Credit/debit of transaction at a loss	Settlement	12
0004	Cielo plan billing	Cielo Plan	20
0005	Charge/Return for the administrative sales fee (MDR) discount made in the incorrect amount	Settlement	03
0006	Miscellaneous injury	Settlement	12
0007	Credit/debit of denied amounts	Settlement	04
0008	Payment/collection of amount correction on sales settled after the deadline	Settlement	01
0010 - 0020 - 0110 - 0510	Unprocessed amounts	Settlement	04
0011 - 0111	Unrecognized amounts	Settlement	06
0012 - 0512	Diverging checking account payment	Settlement	05
0013	Duplicate Visa cash	Settlement	08
0014	Resubmission of debit not previously settled by the bank	Settlement	09
0015	Credit/debit written off on schedule for non-financial EC	Settlement	12
0016	Negotiation with prevention area	Settlement	07
0017	Unsettled credit	Settlement	09
0019 - 0119 - 0619	Miscellaneous settlements	Settlement	12
0021	Credit/debit of settlement re. Amount debited from checking account	Settlement	08
0022	Processing duplicity adjustment toll voucher	Settlement	08
0023	Resubmission of credit/debit not settled by the bank	Settlement	09
0024	Payment/Charge for payment of incorrect mobile recharge service	Settlement	46
0025	Credit/debit of unpaid amount due to discrepant bank data	Settlement	09
0026	Reversal of amounts incorrectly credited/debited	Settlement	12
0027	Unprocessed electron transaction credit/debit	Settlement	04

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0028	Credit/debit settlement for advance/transfer	Settlement	12
0029	Adjustmemnt systems re. unprocessed transaction	Settlement	04
0030	Payment Plan/Construcard transaction settlement	Settlement	17
0031	Negotiated amounts	Settlement	07
0032	Debit/credit chargeback re. to credit duplicate settlement	Settlement	08
0033	Advance payment	Settlement	12
0035	Advance denial (pre-counter)	Settlement	47
0036	Unprocessed real eléctron transaction credit/debit	Settlement	04
0040	Eléctron transaction reprocessing	Settlement	04
0041	Agribusiness-costing transaction	Settlement	08
0042 - 0143	Credit/debit agro costing	Settlement	04
0043	Credit/debit of sale with Bradesco debit card	Settlement	08
0044	Credit/debit assignment of right schedule full payment	Settlement	12
0045	Eléctron transaction credit/debit	Settlement	04
0046	Unprocessed voucher(s)	Settlement	04
0047	Credit date settlement	Settlement	02
0048	Resubmission of advance rejected	Settlement	47
0050	Double payment reversal - ARV	Settlement	41
0051	Visa Awards	Settlement	38
0053	Easy change	Settlement	04
0055 - 0138	Webservice payment slip	Fee	81
0056	Credit referring to advance installments (pre-counter)	Settlement	12
0057	CMPF Reimbursement	Settlement	12
0058	Credit/debit re. advance installments	Settlement	41
0059	Fees statement - paper	Fee	43
0060	Cielo Plan - inactive terminal	Cielo Plan	20
0061	Billing difference of Cielo plan	Cielo Plan	36
0062	Cielo Plan – Pin Pads	Cielo Plan	36
0063 TO 0064	Collection/Return of incorrect collection of Cielo machine lease	Cielo Plan	36
0066	Cielo Plan - banking correspondent	Cielo Plan	45
0067	Cielo Plan - Dial-up TEF	Cielo Plan	20
0068	Cielo plan discount - Direct billing	Cielo Plan	36
0069	Cielo Plan - IP TEF	Cielo Plan	20

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0070	Commercial discount on rate	Settlement	03
0071 - 073	Registration fee	Settlement	49
0072	Equipment rental	Cielo Plan	20
0074	Credit/debit promotion passion for football Visa	Settlement	45
0075	Credit/debit concessionaire	Settlement	12
0076	Credit/debit collector	Settlement	12
0077	Issuing credit/debit	Settlement	12
0078	AVS Transaction Consultation Fee	Fee	12
0079	AVS transaction fee transfer	Fee	12
0080	Credit/debit assignment of installment sale receivables	Settlement	12
0081	Credit/debit rate re. Coil Shipping	Settlement	18
0082	Credit/debit rate re. Paper statement mailing	Settlement	18
0083	Credit/debit rate re. POS maintenance visit	Settlement	18
0084	Adjustment to credit/debit Flex Car transaction	Settlement	04
0085	Credit/debit cancellation Flex Car	Settlement	17
0086	Miscellaneous Flex Car Credits	Settlement	28
0087	Miscellaneous Flex Car Debits	Settlement	28
0088	Anti-fraud webservice without BPO	Fee	81
0089	Anti-fraud webservice with BPO	Fee	81
0090	Troco fácil chargeback/reprocessing electron transaction	Settlement	04
0091	Troco fácil withdrawal transaction	Settlement	04
0100	Chargeback cancellation of sale via terminal installment plan store	Settlement	33
0101	Credit/debit re. Error when registering the currency	Settlement	08
0102	Adjustment of chargeback/chargeback made incorrectly	Settlement	33
0103	Credit/debit of complementary amounts	Settlement	10
0104	Collection/reversal of electronic terminal lease	Settlement	20
0105	Credit/debit commission rate	Settlement	03
0106 - 0127 to 0128	Credit/debit referring to amounts disputed by the holder through the issuing bank	Settlement	10
0107	Debit/credit for payments of denied amounts Visa cash	Settlement	05
0108 - 0606	Monetary restatement	Settlement	01
0109	Temporary credit/debit - process under review	Settlement	11
0112	Credit/debit re. Payment to discrepant checking account	Settlement	04
0113	Settlement cancellation	Settlement	33



CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0114	Debit/chargeback not settled	Settlement	09
0115	Blocking/reversal of amount by court order	Settlement	16
0116	Fee/chargeback 2 via paper statement	Fee	50
0117	Resubmission of Credit/chargeback not settled by bank - ARV	Settlement	09
0118	Chargeback of debit re. Cielo Promo transactions	Settlement	18
0125	Credit/debit re. insurance product	Settlement	12
0126	Webservice smart recurrence	Fee	12
0130	Webservice package	Fee	81
0131 to 0133 - 0140 - 0196 to 0197 - 0292 - 0300 to 0310 - 0313 - 0358 - 0360 - 0370 to 0377 - 0995 - 0998	Sale disputed by the holder through the issuing bank or Reversal of charge of sale disputed by the holder through the issuing bank	Dispute	28
0134	Recharge settlement, money and partners for M4U	Settlement	12
0135	Assignment of rights	Settlement	12
0136	Chargeback/resubmission of unsettled debit	Settlement	09
0139	Cielo controle deductible	Fee	86
0141	Billing settlement	Settlement	12
0142	Transfer of amounts in debit balance.	Settlement	12
0144	Cielo controle surplus	Settlement	85
0145	Transfer of amounts from the dev. bank	Settlement	12
0150	Acquisition of receivables fee via central	Fee	18
0152	Transaction not processed	Settlement	04
0153 - 0515	Legal agreement	Settlement	14
0154	Cielo Trust	Settlement	12
0155	Guarantee contract	Settlement	30
0156	Fee Master Card monitoring program chargeback	Settlement	15
0157	Return/Collection of lease for not reaching the billing target (Cielo Livre)	Settlement	12
0158 - 0209 A 0218 - 0342 - 0971	Periodic commission adjustment	Settlement	06
0159	Periodic Amex commission adjustment	Settlement	06
0160 - 0165	Charge/chargeback of POS terminals lease	Cielo Plan	20
0161	Charge/chargeback of POS terminals lease for holidays and events	Cielo Plan	20
0162	Charge/chargeback of POS terminals lease C.C.C.	Cielo Plan	20

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0163	Charge/chargeback of POS terminals lease C.S.C.	Cielo Plan	20
0164	Charge/chargeback of POS terminals (track reader)	Cielo Plan	20
0166	Incorrect collection	Settlement	20
0167 - 0168	Periodic adjustment of hiper commission	Settlement	06
0169 - 0618	Incentivized POS	Cielo Plan	12
0170	Commercial chargeback/discount on discount rate	Settlement	03
0171	Commercial discount on elétron discount rate	Settlement	03
0172	Commercial discount on discount rate - installment plan	Settlement	03
0173	Incentive payment issuers elétron billing	Settlement	12
0174	Transfer of brand fine for non-compliance	Settlement	12
0175	Receba Rápido	Settlement	12
0176	Cashback promotional action	Settlement	12
0177	Transfer of amounts between merchants under the same CNPJ root for balance clearing	Settlement	12
0178	Fullcommerce - Velocity	Fee	81
0179 - 0205	Reprocessing transaction card	Settlement	04
0180	Fullcommerce - conciliator	Fee	81
0181	Automatic anti-fraud	Fee	81
0182	Advanced Anti-Fraud	Fee	81
0183	Fullcommerce protected card	Fee	81
0184	Fullcommerce - gateway	Fee	81
0185	Anti-fraud - manual	Fee	81
0186	Anti-Fraud Enterprise	Fee	81
0188	Copunería fee collection	Fee	18
0189	Copunería Credit/debit	Settlement	12
0190	Clearing of outstanding amounts	Settlement	12
0191	Credit/debit Receba Mais submitted c/c	Settlement	12
0198	Receba rápido clearing between merchants	Settlement	12
0199	Credit/debit developer Cielo lio	Settlement	12
0200 - 0720	Negotiation discount	Settlement	09
0201	Assignment of right elétron post-dated	Settlement	07
0202	Credit/debit acceleration of Assignment of right elétron post-dated	Settlement	07
0203	Advance assignment	Settlement	12
0204	Bradesco Payment Plan Transaction	Settlement	33

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0206	Chargeback cancellation sale payment plan	Settlement	17
0207	Cancellation sale payment plan	Settlement	17
0219	Amnesty retail customer debts	Settlement	13
0222	EC PP Reimbursement	Settlement	12
0224	Online brand compensation	Settlement	12
0225	My Business Dashboard	Fee	12
0238	Resubmission of debit not previously settled by the bank	Settlement	09
0246	Credit/debit for Velocity Check	Settlement	12
0251	Fee for excess sale retries on the same card applied by the card brand or Return of fee for excess sale retries (brand monitoring program)	Fee	12
0252	Payment via TED	Settlement	12
0253	Payment via Pix	Settlement	12
0254	Brand fee	Fee	12
0255	Guaranteed Transaction Refund/Charge	Settlement	12
0256	Pix settlement fee	Settlement	12
0257	Pix payment regularization	Settlement	12
0258	Charge/Reversal of fine applied by the card brand for excess disputed sales	Dispute	12
0259	Discrepancy in invoice amount - purchase of machine	Settlement	12
0260	Regularization by exception	Settlement	12
0261	Eleve partnership	Fee	12
0262	Chargeback boleto lending Cielo	Settlement	12
0264	Settlement re. the cancellation/reversal of the machine sales order	Settlement	12
0267	incorrect chargeback credit/debit	Settlement	12
0269	Adjustment for incorrect captures	Settlement	12
0270	Registered ARV not settled	Settlement	12
0271 - 0298	Settlement of incorrect amounts	Settlement	12
0272	Collection/Return on incorrectly used balances in receivables negotiations	Settlement	12
0274	Reversal of double-paid sales	Settlement	12
0275	Reimbursement of terminais_ asset recovery	Cielo Plan	12
0276	Regularization of lien/assignment not settled	Settlement	12
0277	Settlement re. cancel/reversal of the machine sales order	Settlement	12
0278	Settlement of unsettled installment correction - receivables reg. migration	Settlement	12
0281	Regularization of unrecovered terminals	Settlement	12
0283	Credit/debit clearing	Settlement	12

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0284	Credit/debit clearing digital account	Settlement	12
0285	Miscellaneous adjustments electron payment plan interchange	Settlement	28
0287	Adjustment of lease of inactive equipment	Cielo Plan	12
0288 - 0700	Sale disputed by the cardholder through the issuing bank	Dispute	28
0289	From/to logical number	Settlement	12
0290	Plan change	Settlement	12
0291	Regularization regarding incorrect chargeback	Settlement	12
0293	Facebook debit/credit adjustment	Settlement	17
0294 - 0295	Facebook refund adjustment	Settlement	17
0296	Voucher credit - Facebook Donation	Settlement	12
0297	Collection/Return of amounts on machine not returned by merchant	Settlement	12
0299	Fee for non-compliance with brand rules	Dispute	12
0311	Transaction above limit without authorization code	Settlement	62
0312	Duplicate transaction	Settlement	71
0314 - 0316	Transaction with no card number	Settlement	63
0315 - 0366	Exchange analysis	Settlement	28
0317	Reversal of debit made in transaction made with chip	Settlement	37
0318	Chargeback of debit made in transaction made with chip	Settlement	37
0320	Fee/chargeback of fine chargeback monitoring program	Settlement	39
0321	Transaction above limit without authorization code	Settlement	62
0322	Duplicate sale	Settlement	71
0323	Credit for sending the voucher	Settlement	28
0324	Credit/debit pre-negotiated with the merchant/full payment	Settlement	28
0325	Special exchange procedure	Settlement	28
0326	Sale broken down into more than one voucher	Settlement	28
0327	Discrepant signature - holder did not make purchase	Dispute	28
0328	Pre-arbitration/pre-compliance	Settlement	23
0329	Pre-arbitration/pre-compliance negotiated in installments	Settlement	23
0330	Master Card Excess Chargeback Program Fee	Fee	15
0331	Transaction above limit without authorization code	Dispute	62
0332	Unproven duplicate sale	Dispute	71
0333 - 0367 - 0369	Voucher submitted by the merchant	Dispute	28
0334	Sale with existing card number	Dispute	63

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0335	Credit/debit regarding exchange analysis	Dispute	23
0336 - 0337	Mediation procedures	Dispute	28
0338	Duplicate payment/chargeback - resubmission of rejected payment	Dispute	12
0339	Charge/return of cancellation debit not made on the original date	Settlement	31
0340	Correction of cancellation mismatch and sales credit	Cancellation	12
0341	Transaction denied	Settlement	27
0343	Regularization Collection of amounts paid in trust	Settlement	12
0344	Reversal/dispute of debit to account by the bank	Settlement	12
0345	Chargeback/Billing service renova fácil	Settlement	12
0346	Correction settled canceled transaction migration error	Settlement	12
0347	Collection/Return of sale paid incorrectly to the merchant in advances/guarantees	Settlement	12
0349	Settlement of exchange debit (dispute)	Dispute	23
0350	Special Handling Merchant	Settlement	28
0351	Sale with authorization code	Settlement	62
0352	Dispute of contract	Dispute	53
0353	Failure to submit the voucher by the merchant	Dispute	28
0354	Duplicate debit settlement	Dispute	71
0356	holder does not recognize partial value of the sale.	Dispute	28
0357	Exchange re. holder's dispute	Dispute	28
0359	Violation in the transaction	Dispute	28
0361	Chargeback debit transaction - Elo brand	Dispute	28
0362	Chargeback installment transaction - Elo brand	Dispute	28
0363	Credit/debit re. holder dispute	Dispute	28
0364	Pre-arbitration debt chargeback - elo brand	Dispute	23
0365	Exchange re. holder dispute	Dispute	28
0368	Transaction submitted within the term of the contract (exchange)	Dispute	28
0380	Visa Credit/Payment Plan Debit	Dispute	04
0383 and 0384	Collection/Return of sale incorrectly charged from the merchant in advances/guarantees	Settlement	12
0389	Credit/debit for reversal of non-existent card debit	Dispute	23
0394	Pre-arbitration/pre-compliance negotiated in cash	Settlement	28
0396	Credit/debit due to system error	Settlement	71
0397	Error in sales processing	Settlement	71
0399	Credit/Debit Adjustment by Legible/Illegible Proof of Sale	Dispute	23

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0400	Copy not settled	Dispute	64
0401	Illegible copy	Dispute	66
0402	Incorrect copy	Dispute	73
0403	Submission of documents as evidence of the sale	Dispute	77
0404	Settlement processing in duplicate Visa cash	Settlement	25
0409	Credit/debit installment transactions negotiated with Visanet	Settlement	23
0415	Collection/Return of sales made on January 30-31, 2023 paid more than once to the merchant	Settlement	12
0428	Chargeback for adjustment of incorrect assignment	Settlement	12
0450	Adjustment of penalty for delay	Fee	12
0488	Collection/Return of fine applied by the card brand for loss of disputed sale dispute	Fee	12
0508	Interest and monetary restatement	Settlement	01
0517 - 0609	Resubmission of credit not previously settled by the bank	Settlement	09
0521	Chargeback/reversal of debit posting (forced write-off)	Settlement	12
0522	Forced write-off of credit posting	Settlement	09
0523	Manual write-off posting	Settlement	12
0524	Posting reversed for balance clearing on new date	Settlement	12
0528	Billing settlement	Settlement	13
0529	Incentive payment to the EC	Settlement	45
0530	Settlement authorized by Cielo	Settlement	12
0540	Credit reversal chargeback	Settlement	12
0541	Incorrect debt reversal	Settlement	12
0542	Billing agreement	Settlement	13
0548	Outstanding amounts	Settlement	12
0549	POS lease reversal	Cielo Plan	12
0550	Suspended amounts	Settlement	12
0558	Settlement for previously canceled fee	Settlement	12
0560	Trade agreement settlement	Settlement	45
0601 - 0610	Settlement of unprocessed values	Settlement	04
0602	Settlement re. regularization of payment date	Settlement	02
0603	Adjustment of complementary values	Settlement	10
0604	Commission fee settlement	Settlement	03
0605	Credit/debit for disputed amounts	Dispute	10
0607	Debit/reversal of debit of unrecognized amounts	Dispute	06

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0608	Credit/debit re. payment to discrepant current account	Settlement	04
0611	Settlement re. double standard	Settlement	08
0613	Chargeback cancellation of sale Alelo meal	Settlement	33
0614	Transaction credit/debit Alelo meal not processed	Settlement	04
0615	Resubmission of denied advance (pre-counter)	Settlement	47
0616	Settlement re. negotiation with the prevention area	Settlement	12
0617	Operating fee on Alelo credits	Fee	34
0620	Chargeback/operating fee on Alelo credits	Settlement	34
0621 - 0991	Cancellation of sales (electronic shipping)	Cancellation	28
0622	Alelo developers	Settlement	07
0623	Posting reversal to Manual Credit/Debit	Settlement	12
0624	Resubmission TOR fee	Settlement	81
0625	Resubmission Alelo maintenance fee	Settlement	81
0626	Chargeback/collection of Alelo registration fee	Settlement	81
0627 - 0628	Monthly fee - Alelo na medida	Settlement	07
0629	Advance credit/debit denied	Settlement	12
0631	Manual Written Off Debit Release Chargeback/Reversal	Settlement	12
0632	Posting reversal to manually written off credit/debit	Settlement	12
0633	Settlement re. billing adjustment	Settlement	12
0634	Chargeback/collection of billing agreement debit	Settlement	12
0635	Adjustment to Credit/debit of outstanding amounts	Settlement	12
0636	Credit/debit related to the settlement of suspended amounts	Settlement	12
0637	Credit/debit Alelo subscription internet delivery	Settlement	23
0638	Credit/debit re. to the analysis of exchange culture card	Settlement	23
0640	Correction of migrated debit transaction with divergent term	Settlement	12
0641	Settlement of debit/credit re. negotiation with prevention area	Settlement	07
0645	Settlement of amount frozen by court order	Settlement	32
0648	Credit/debit adjustment for outstanding amounts	Settlement	09
0649 - 0652	Smiles Program	Settlement	07
0650	Smiles credit/chargeback for mileage accrual	Settlement	07
0651	EC credit/chargeback for redeemed Smiles miles	Settlement	07
0653	Payment slip	Settlement	09
0661 - 0950	Credit/debit regarding meal exchange analysis	Settlement	23

CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0680	Monthly e-lynx billing	Fee	78
0714	Unprocessed Credit/Debit transaction Alelo food	Settlement	04
0716	Unprocessed Alelo transaction	Settlement	04
0745	Hipercard São João Festival settlement	Settlement	86
0759	Meliuz Collection	Fee	93
0760	Meliuz Chargeback	Fee	93
0761	Credit/debit re. to the analysis of food exchange	Settlement	23
0797	Charge/Return of amounts for application purchase in the Cielo Store	Settlement	12
0798	Return/Pass-Through to the developer re. purchase of an app in the Cielo Store	Settlement	12
0799	Revenue/Return on Cielo Store	Settlement	12
0800	Charge/Return on Cielo Store	Settlement	12
0811	Conciliatory service	Fee	81
0812	Gateway service	Fee	81
0813	Protected card service	Fee	81
0814 - 0815	Anti-fraud service	Fee	81
0817	Settlement cancellation POS Alelo	Settlement	33
0819	Settlement of incorrect amounts	Settlement	08
0825	Registration maintenance fee	Fee	42
0879	Cielo control discount	Settlement	85
0882	Return/Charge of monthly fee for Farol product	Fee	34
0883	Change in plan Farol	Settlement	19
0884	Big Data Service	Fee	19
0890	FCO working capita via terminal	Settlement	33
0891	Adjustment to Transaction Credit Working Capital	Settlement	08
0892	Reversal cancellation Working capital	Settlement	33
0893	Reversal/chargeback, cancellation, working capital via terminal;	Settlement	33
0894	Adjustment to Credit/debit trans. Real Estate Credit	Settlement	08
0895	Reversal cancellation mortgage	Settlement	33
0896	Cancellation/reversal of real estate credit via terminal	Settlement	33
0898	Chargeback/cancellation of sale product specialized credit	Settlement	33
0899	Chargeback/cancellation of sale product specialized credit via terminal	Settlement	33
0901	Incorrect Amex settlement	Settlement	06
0902	Master Card retry fee	Fee	99



CODE	DESCRIPTION	ADJUSTMENT TYPE	OLD CODE (V14)
0920	International Issuing Commission	Settlement	12
0951	Debit/credit re. to exchange analysis food	Settlement	23
0954	DCC Rebate Payment/Reversal	Settlement	45
0960	Commercial discount-incentive payment	Settlement	06
0961 - 0963	Commercial discount subsidized by the bank	Settlement	06
0962	Settlement deposit re. Sale cancellation	Settlement	13
0964	Settlement of values in debit balance	Settlement	12
0965	Settlement of suspended amounts	Settlement	12
0967	ARV fee	Settlement	12
0968	Recharge service adjustment	Settlement	46
0972	Credit/debit re. to "to/from" process - commercial	Settlement	58
0973	Incentive service Sky	Settlement	45
0974	Alelo registration fee	Fee	42
0976	Cielo e-commerce	Fee	81
0977	Discount rent	Settlement	45
0979	Commercial incentive	Settlement	45
0981	Mobile machine rental "chip and pin"	Settlement	36
0982	Alelo maintenance fee	Fee	42
0984	Collection of claims equipment	Settlement	73
0985	Adjustment to Credit/Debit Transaction FCO Investment	Settlement	08
0986	Reversal/cancellation of transaction FCO investment	Settlement	33
0987	Reversal/cancellation of FCO investment transaction via terminal	Settlement	33
0988	Adjustment to Transaction Credit/Debit FCO Working Capital	Settlement	08
0990	Credit/debit dispute goods and services meal	Dispute	23
0996	Dispute of installment transaction	Dispute	23
0997	Adjustments on exchange electrónico card	Settlement	28
0999	Miscellaneous debts dispute - dollar	Settlement	28

## X. Reason for denial

Indicates the reason why the sale was denied (unique field for records type "E").

CODE	DESCRIPTION
002	Invalid card
023	Other errors
024	Invalid card type
031	Withdrawal transaction with Eléctron card value zeroed
039	Invalid issuing bank
044	Invalid transaction date
045	Invalid authorization code
055	Invalid number of installments
056	Transaction financed for unauthorized merchant
057	Card in protective bulletin
061	Invalid card number
066 – 067 – 069 to 072	Unauthorized transaction
073	Invalid transaction
074	Invalid transaction amount
075	Invalid card number
077 to 080 – 082 to 086 - 091	Unauthorized transaction
081	Expired card
092	Issuing bank without communication
093	Unbalance in the installment plan
094	Sale in installments for card issued abroad
097	Installmt amount less than allowed
099	Invalid issuing bank
100	Unauthorized transaction
101 - 102	Duplicate transaction
124	BIN not registered
126 to 129	Invalid Eléctron Card Withdrawal Transaction
137	Easy change transaction with unauthorized Bin
138	E-commerce transaction to non-e-commerce transaction
158	Mobile transaction for non-mobile registration
207 – 212 - 310	Invalid batch number

## XI. Card type

Indicates the classification and category of the sale card, when made available by the issuer (unique field for type "E" records).

CODE	DESCRIPTION
00	Unassigned service
01	Visa Classic
02	Visa Corporate
03	Visa Gold
04	Visa Platinum
05	Visa Infinite
06	Visa Corporate
07	Visa Electron
08	Visa Shopping
09	Master Platinum
10	Master Standard
11	Master Gold
12	Prepaid Master
13	Master Black
14	Corporate Master
15	Master Travel Card
16	Master Benefit Card
17	Master World
18	Master Agro
19	Elo BNDES
20	Elo Classic
21	Elo Business
22	Elo Inputs
23	Elo Corporate
24	Elo Mais
25	Elo Grafite
26	Elo Nanquim
27	Elo Prepaid General / Gift Card
28	Elo Culture Voucher
29	Elo National Corporate Business
30	Elo Shopping

CODE	DESCRIPTION
31	Elo Travel
32	Elo Awards Inc Corporate Sales

# TRANSMISSION AND RESUBMISSION OF FILES

## File Transmission

To receive the Electronic Statement, customer must access the logged in area of the Cielo Site and acquire the service. If you choose to hire a conciliator, the accreditation process must be carried out via API according to the qualification process already defined for the partners.

The files will be made available in the mailbox daily, except for the open balance file that will be sent monthly. When there is no transaction, the file will be sent only with the "Header" and the "Trailer". If there is any inconsistency in the content of the file(s), the customer must inform Cielo by contacting the Customer Service ([edi@cielo.com.br](mailto:edi@cielo.com.br)).

## File Resubmission

In case of loss or non-receipt, Cielo will make the same file sent daily available in the mailbox (backup file). The customer can request on the portal itself through the "Reavailability" option or email support ([canaledi-sup@cielo.com.br](mailto:canaledi-sup@cielo.com.br)).

## File Reprocessing

It allows the recovery (generation of a new file) of a previous transaction, updating the status of the postings according to the current view of the financial agenda. The files are made available separately from the daily archive and identified with the sequential "9999999" non header.

Not available for the Open Balance Statement (09). The request must be forwarded to Customer Service ([edi@cielo.com.br](mailto:edi@cielo.com.br)).

## RECONCILIATION MODELS

Cielo provides electronic statements to customers and conciliators, the use of partners in the conciliation process is defined by clients themselves. Below we explain how each one works:

### In-house conciliation

This reconciliation model occurs in a customer-defined flow in which there are only two agents involved in the process (Cielo = Customer).

- ⇒ Customer makes their sales;
- ⇒ Cielo generate the statements and send them to the customer's mailbox;
- ⇒ Customer receives the statements and makes the reconciliation of sales.

### How to order?

For merchants that choose to follow this conciliation model, the statements can be acquired in the logged-in area of the Cielo Site ([www.cielo.com.br](http://www.cielo.com.br)).

If the customer does not have any merchant registered to receive files in its CNPJ/CPF root, the "Electronic Statement" option will be available in the "Services" tab.

To contract, simply fill out the form shown on screen and wait for access data to be sent to the email address provided when the contract is signed.

The files are received through the <https://canaledi.cielo.com.br/login> portal

### Conciliation with partners/conciliators

Conciliation model where the merchant chooses to contract the conciliation services of a third party (E.g.: Cielo Conciliator).

In this process, the conciliation flow follows the process below:

- ⇒ Customer makes their sales;
- ⇒ Cielo generate the statements and send them to the mailbox of the partner / conciliator;
- ⇒ Conciliator receives the statements and generates friendly reports for consultation by the merchant;
- ⇒ Customer monitors the reconciliation of their sales through the conciliator's reports.

### How to order

The contracting flow of the electronic statement for this reconciliation model must be made via API through direct communication of the conciliator with Cielo.

- ⇒ Conciliator generates an authorization link and sends it to the customer;
- ⇒ Customer accesses the link sent by the conciliator and grants authorization to the partner;
- ⇒ Conciliator calls the API services to proceed with acquiring the product;
- ⇒ Cielo sends files to the partner.

The files are received through <https://canaledi.cielo.com.br/login> portal or via SFTP.

# FINANCIAL CONCEPTS

## CAPTURE AND SETTLEMENT CONCEPTS

### Adjustment

Financial posting on credit or debit made to settle an incorrect charge, cancel a sale or pass on a chargeback to the customer. It may be of a credit or debt nature.

For cancellation/dispute of transactions that are scheduled for payment on a date that has been negotiated (advance negotiation), the debit will be proportionally divided between the free schedule and the institution that carried out the operation. Therefore, in addition to the cancellation/dispute debit, a credit adjustment will also be scheduled with an amount proportional to that due by the institution that made the advance payment.

Example: A merchant has transactions with settlement scheduled for 3/15/2021 that add up to R\$5,000.00. The merchant got an advance of R\$2,000.00 of this amount. Then there was a cancellation of R\$100.00 of a transaction that would settle on 3/15/2021. Therefore, there will be in the agenda of the merchant a debit of -R\$100.00 scheduled for 03/15/2021 and a credit of R\$40.00 scheduled for the same date, referring to the part that is the responsibility of the financing company (institution where the advance was made).

### Rounding of Net Amount

Consider the calculation to 3 decimal places at the transactional level, if the 3rd place is equal to or greater than 5, round the second place, if less than 5 maintains the value of the 2nd place.

### Change to the Installment Plan

It occurs when the holder requests from the merchant a change in the installment plan contracted at the beginning, such as total or partial cancellation of the sale and change in the number or amount of installments.

### Chargeback or dispute

Return of the transaction by the issuing bank, due to dispute of the holder.

### Clearing of amounts/Cleared amount

Considers amounts used for rebate of balances directly from the schedule, so this transaction does not need to be submitted to the bank.

### Date of Presentation

Day on which the sale was submitted for processing at Cielo, which may be a Saturday, Sunday or holiday.

### Date of Capture

Date the transaction was captured in the Cielo system. For Cielo customers operating with e-commerce solutions, this is the date on which the transaction was confirmed by the customer.

In electronic statements (EDI) this date is considered in D-1 (day of movement minus one) to demonstrate the data in the sales statements.

This is the base date for calculating the payment schedule and may differ from the date of sale, depending on the type of capture solution used

**Date of submission to the bank**

Indicates the date on which the payment amount (credit or debit) was submitted to the customer's domicile bank. In electronic statements, this data is submitted only in the payment files.

**Deposit Date**

Release date of the installment of the installment plan. Each installment is released monthly for payment considering the rule of each brand.

**Date of Sale**

Date on which the sale was made by the Cielo customer. For customers operating with e-commerce solutions, this is the date on which the holder made the purchase on the website and not the date on which the confirmation of the sale was made by the Cielo customer.

**Effective Date of Payment**

Date of payment of the amount in the customer's account, considering the agreed payment term. If the calculated date is not a business day, payment will be made on the first subsequent business day. Initially, after the sale is captured, the expected date of payment is informed, which may be postponed in the event that the amount is used to offset the collection of any debt arising from cancellation of sale, chargeback or collection of services. Payment can also be made in advance if the customer performs an advance operation.

**Original due date**

Payday calculated on the date of capture. This date is static and immutable, in case any amounts scheduled for settlement undergo changes in the forecast, the field remains unchanged to allow tracking of the settlement history.

**Partial debits**

Partial charges made according to clearing opportunities identified in the schedule.

**Installment plan store - Rounding of installment amount**

It is always carried out in the 1st installment and occurs in cases where the result of dividing the amount of the sale by the number of installments will result in a remainder. In this case, the 1st installment will be larger than the others.

**Authorization process**

Process where, from a card number, authorization is requested to make a sale or cancellation transaction to the issuing banks, involving various components, equipment, computers, communication networks, application version and entities (customer, Cielo, brand and bank), all focused on availability, security and speed. This communication is based on the exchange of messages of queries and responses.



### Amount shown

This is the total amount of a transaction. In the case of a sale in installments by the store, the sale is treated as a transaction and the amount shown will display the sum of all installments, that is, the total amount of the sale. Example:

Sale amount R\$100.00  
Number of installments: 10  
Amount of each installment: R\$150.00  
Number of transactions: 1  
Amount stated: R\$100.00

### Captured sale

Transaction that went through Cielo's authorization and processing process for settlement provisioning.

### Gross amount

Total transaction amount for debit sales, full payment credit and the amount of the installment for sales in installments by the store. Example:

Sale amount R\$100.00  
Number of installments: 10  
Amount of each installment: R\$150.00  
Number of transactions: 10  
Gross amount: R\$150.00

### Net amount

Net amount made available for settlement. That is, the gross amount minus the commission amount. Example:

Sale amount R\$100.00  
Number of installments: 10  
Amount of each installment: R\$150.00  
Number of transactions: 10  
Gross amount: R\$150.00  
Commission: 2%  
Commission amount:  $R\$10.00 \times 2\% = R\$0.20$   
Net Amount: R\$9.80

### Amount paid

Settlement of sales/adjustments directly to the customer's account.

Considers all the movement of positive balances provisioned for a date already deducted all discounts that incurred on the same date, such as cancellations, disputes, charges of fees and operations.

### Denied sale

Transaction with unfinished processing due to negative approval flow. It occurs when the customer or the sale does not have the necessary attributes for the correct processing and scheduling of the payment.

## CONCEPTS OF NEGOTIATIONS (ASSIGNMENTS AND LIENS)

### **Receivables Schedule**

Set of receivables units characterized by the same CPF/CNPJ, brand and accreditor/sub-accreditor.

### **Free schedule**

Schedule of receivables of the customer that has not undergone negotiation of amounts of any kind. Therefore, customer will be paid on the original settlement date following the definitions of bank domicile indicated by the client in the register.

### **Assignment**

Advance payment operation made with Cielo or with the market.

### **Contract code**

Operation code that identifies the trade made, either in the lien or assignment model (valid concept for operations carried out with Cielo and / or market).

### **Accreditor**

Company authorized by the Central Bank that performs the capture, processing and settlement of transactions and registering such transactions with the record keepers.

### **FIDC**

Credit rights investment fund that allocates part of its equity to the application in rights that a company has to receive.

### **Lien:**

Credit operation under the guarantee model carried out with a financing agent. Does not entail advancing the payment date of the amounts, only the exchange of ownership of the recipient.

### **Record keeper**

Institutions regulated by the Central Bank responsible for consolidating the information of receivables, ownership, transactions and constitution of liens and encumbrances.

### **UR (Receivable Unit)**

New way of grouping receivables defined by the Central Bank. Considers, in its grouping brand, type of payment (debit or credit), CNPJ and the settlement date (payment) of the amount. It is not static, that is, it can suffer changes top the amount even on the eve of the settlement date resulting from new sales, cancellations, disputes, adjustments and negotiations (replaces the concept of RO – Summary of operations).

## CIELO ADVANCES/ASSIGNMENTS

Product offered to customers so that they can receive their sales on credit and in installments before the payment date scheduled by Cielo, as follows.

### Types of advances/assignments

#### *Loose Advance:*

Customer chooses to carry out the advance when they want, through the various channels.

#### *Automatic Advance:*

Customer chooses to schedule advances, without the need to activate the channels offered at all times.

#### *Daily:*

Amounts are advanced daily. The operation only occurs when the customer has the minimum amount required for advances.

#### *Cielo Schedule:*

Receivables transacted in Cielo payment solutions.

#### *Market Schedule:*

Receivables transacted with other acquirers.

Commercial discount rates are assigned according to total billing (credit and debit cards) on a monthly basis or determined by promotional and incentive actions. The URs maintain their payment plan, however, in case of negotiation of receivables (lien and/or assignment), there will be debits for consideration on the agenda, which sensitize the amount available for advance of the merchant.

### Composition of available amount

For the composition of the available ARV, the net amount of the URs is used to apply the advance fee. The advance is composed of cash and installment credit sales grouped and registered in the market as defined by the Central Bank.

The customer has the following options:

- Advance by amount;
- Advance by brand;
- Advance by due date;
- Advance by Accreditor.

The calculation of the available volume may be impacted by the following factors:

- Financial reserve;
- Economic group;
- Amounts committed to other institutions (assignment and lien debts);
- Chargeback/cancellation or other financial settlements;
- Rent of Cielo POS;
- Debt amounts;
- Amounts already advanced to banks and
- Eligibility of the merchant for advances.

## Channels for advances

Advances can be made through the following channels:

**Customer Service Center:** the customer can get advance payment of all or part of their receivables, in addition to being able to negotiate rates.

**Operations Desk:** operations are made for customers with revenues above R\$1,000,000.00 per month. Advances can be full or partial, with the possibility of negotiating rates.

**Cielo Website:** allows customer to advance all or part of their payments due. The rates are non-negotiable.

## OUTSTANDING BALANCE/CIRCULARIZATION LETTER<sup>5</sup>

Shows all transactions and adjustments made until the last day of the month base date with payment forecast as of the 1st day of the following month, this data is sent to customers in a kit with 3 different reports (circularization letter, synthetic letter and analytical letter).

The composition of adjustments considers lien and assignment operations made with Cielo and/or market (*debit balance* status may change the amount of the letter).

### Base date

Reference month for closing circularization letter amounts.

### Debit balance

Status in which the customer's financial schedule has receivables withheld to clear outstanding debts, whether these arise from cancellations, disputes, rent charges, among others.

Since these amounts are not considered in their respective original due dates, they can be considered in the composition of the Balance Letter.

The debit balance status indicates the outstanding amounts (Cielo plan charges, cancellations, disputes and fees) that the customer has. These amounts can be offset with amounts on credit or posted for collection at the customer's banking domicile, which is called Balance.

The compensation will be carried out in the scheduled maturities that are identified in the agenda, and may occur partially, without the need for retention of credits for total settlement of the debt. All credit amounts with outstanding debit status are part of the clearing process.

The rules for sending the charge vary according to the transactional behavior of each customer.

### Composition Balance Letter Kit:

The Cielo Circularization Letter Kit includes 3 different reports, i.e., the balance/Circularization letter (PDF), summary letter (XLS) and analytical letter (TXT).

#### Balance/Circularization Letter (PDF)

Totals future balance information by grouping postings into 3 distinct categories

##### Debit Balance:

Includes amounts for debit transactions made until the last day of the month of the base date with payment forecast as of the first day of the following month.

##### Revolving Balance:

Composes all credit and installment transactions with payment forecast as of the next 30 days after the base date

##### Balance in Installments:

Groups all transactions scheduled for payment as of the 31st day of the month following the base month, whether credit, debit or installment)

*Please note: All totalized balances indicated in the circularization letter (PDF) already discount negotiated amounts and demonstrate net values.*

#### Summary Letter (XLS)

Totals the information of future balances grouping them by merchant, brand, product and type of release.

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<sup>5</sup> This document should not be used for reconciliation purposes, only for financial statements

### **Analytical Letter (TXT)**

Shows the information of future balances opened by payment batch, indicating merchant, brand, product, type of posting, date of sale, capture and expiration date.

### **Additional summary letter totalizations:**

#### **Negotiated ARV**

Totals amounts anticipated directly with Cielo before the entry of the Receivables Register<sup>6</sup>.

#### **Negotiated Assignment**

Considers assigned (paid in advance) amounts with the bank before the entry of the receivables register.

#### **Amounts sold**

Groups advance amounts of the Cielo schedule with Cielo or with the market within the Receivables Register.

#### **Lien debit**

Considers lien debits and chargebacks of lien debit

#### **Lien credit**

Considers lien credits and lien debit chargebacks

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<sup>6</sup> 07/06/2021

## STATEMENTS

### Calculation of due dates - Installment transactions

The calculation of the payment date of all installments is based on the date of submission of the first installment. For each brand, a different logic applies, as follows:

**Visa, Elo and Diners:** the installments will be presented monthly on the same day as the first one, regardless of whether the day is useful or not. Thus, a sale in four installments presented on 01/10/2024 will have the following payment plan:

Installment	Date of submission	Date of deposit	Payment date
01/04	10/01/2024	10/01/2024	12/02/2024
02/04	10/01/2024	10/02/2024	12/03/2024
03/04	10/01/2024	10/03/2024	10/04/2024
04/04	10/01/2024	10/05/2024	10/06/2024

The only exception to this rule is if the day of the original submission does not exist in the month in which the installment is released. Example: veda whose first installment was presented on 01/31/2024. Since there is no February 31, the installment for this month will be presented on the last day of it, that is, 02/28/2024.

**Mastercard®:** the date of submission of the first installment will also be the base date for the submission of all installments of the plan. Future installments will always be presented 30 days after the presentation of the first, maintaining this logic until the completion of the plan. In the example of the sale presented on 10/10/2024, using earlier, we note that the installments will be presented in 30, 60 and 90 days after the presentation of the first installment:

Installment	Date of submission	Date of deposit	Payment date
01/04	10/01/2024	10/01/2024	11/02/2024
02/04	10/01/2024	10/02/2024	11/03/2024
03/04	10/01/2024	11/03/2024	10/04/2024
04/04	10/01/2024	10/04/2024	12/05/2024

### DCC fee calculation

All converted transactions receive a 0.5% discount on the MDR and discounted as shown in the following table:

	SALE AMOUNT		ADM FEE (%)		ADM FEE (R\$)		RECEIVABLE
<b>SALE NORMAL</b>	R\$ 100,00	>	% 2,50	>	R\$ 2,50	>	R\$ 97,50
<b>SALE WITH CURRENCY CONVERTER</b>	R\$ 100,00	>	% 2,00	>	R\$ 2,00	>	R\$ 98,00

### Calculation to round out installments

Calculation rule:

1. Divides the total amount of the sale by the number of installments and considers the result to 3 decimal places;

Sale amount	R\$317.53
Number of installments	3

Installment 1	R\$105.843
Installment 2	R\$105.843
Installment 3	R\$105.843

2. To find the remainder, multiply the amount above considering 2 of the 3 decimal places (without rounding the 2nd decimal place and keeping the 3rd) by the number of installments;

(105,84 \* 3)

Calculated amount	317,52
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3. Subtracts from the original sale the amount obtained in step 2, the result of the difference is added to the value of the first installment.

Sale amount	R\$317.53
Calculated amount	R\$317.52
Remainder amount	R\$0.01



4. For installments 2 onwards, the amount of item 2 is maintained, considering 2 of the 3 decimal places.

Amount of first installment without remainder

Installment 1	R\$105.84
Installment 2	R\$105.84
Installment 3	R\$105.84

Final amount of installments

Installment 1	R\$105.85
Installment 2	R\$105.84
Installment 3	R\$105.84

### Consistency Process + Reconciliation Keys

It is logical consistency that separates transactions into two groups: consistent and rejected. A transaction is denied when information is sent incorrectly, such as customer number, date or bank, and after receiving a treatment, they re-enter the consistency process. Consistent and denied transactions are sent on the statement to be reconciled.

The information used to carry out the conciliation is:

- Terminal number
- Card number
- NSU
- Date of sale
- Amount
- Authorization code

*For e-commerce transactions, the use of TID is indicated.*

*For the reconciliation of information in the electronic statements, the use of the field "Received transaction code/contract" is indicated, plus the "UR Key" and "Type of posting".*

Unanswered/return transactions are pending waiting for confirmation during the established period and parameterized by capture solution. If the answer is not available, the undo will occur automatically, except for pending transactions made in the TEF, which are automatically confirmed. E-commerce transactions without confirmation are automatically undone after the parameterized period.

## Advance of Transactions with Adjustment (Cancellation/Chargeback) Before the Operation

The amount recorded and therefore available for advance is the net amount of the UR. This means that the amount is composed of sales and credit adjustments with payment date scheduled for the specific day reduced from debts already due or debits scheduled for that date, such as cancellations and disputes. It is worth noting that it will no longer be possible to relate negotiated amount with the CVs of the original sales.

### Cancellation/chargeback of Advance Transactions

Advance transactions may undergo maintenance (cancellation or chargeback) after the advance operation. In this case, it is important to consider whether the advance and maintenance (debit) were total or partial.

Cancellation/dispute in negotiated UR (assignment and lien):

#### UR 100% traded

	Venda	Negociação	Cancelamento / Contestação	Contrapartida para o estabelecimento	Total agendado cliente UR "X"	
01/mar	+R\$ 1.000				R\$ 1.000	
03/mar		-R\$ 1.000			0	100% da UR para Financiador A
05/mar			-R\$ 400	+R\$ 400	0	Como Financiador A tem 100% da UR ele recebe 100% do cancelamento

#### UR partially negotiated

	Venda	Negociação	Cancelamento / Contestação	Contrapartida para o estabelecimento	Total agendado cliente UR "X"	
01/mar	+R\$ 1.000				R\$ 1.000	
03/mar		-R\$ 500			R\$ 500	50% da UR para Financiador A
05/mar			-R\$ 200	+R\$ 100	R\$ 400	Como Financiador A tem 50% da UR ele recebe 50% do cancelamento e 50% fica com o estabelecimento

#### UR partially negotiated with more than one different funder:

	Venda	Negociação	Cancelamento / Contestação	Contrapartida para o estabelecimento	Total agendado cliente UR "X"	
01/mar	+R\$ 1.000				R\$ 1.000	
03/mar		-R\$ 250			R\$ 750	25% da UR para Financiador A
04/mar		-R\$ 500			R\$ 250	50% da UR para Financiador B
05/mar			-R\$ 100	+R\$ 75	R\$ 225	Como Financiador A tem 25% da UR ele recebe 25% do cancelamento e Financiador B tem 50% da UR e recebe 50% do cancelamento, e os 25% restantes ficam com o estabelecimento



## Demonstration of sales installments

The demonstration of transactions in installment credit mode is always associated with records with posting type **"03"** of table II of the integration manual.

For the purpose of identification in the sales files the headings 28 and 29 of the record type "E" (analytical UR) will always be filled with the variable indicates above, already in the records type "D" (UR agenda) the indication of the field "Type of posting" occurs in headings 150 to 151.

CIELO003 File

[illegible]

As installment transactions generate more than one record in the statements, the identification of the sale plan (number of installments) and installment (portion corresponding to the line consulted) occurs in heading 18 to 21 of the type "E" record. The linking key between the installments is the "Received transaction/contract code" presented in headings 130 to 151 of the same type of records.

Below we highlight a transaction in installments in 2 times where the "Code of the transaction received/contract" is the "2303190310500000001".

[illegible]

For installment transactions that do not have any contracted term product and are not customer installments, each installment will generate a corresponding UR by virtue of the original due date.

## Reconciliation and tracking keys for sales and payments

Two tracking keys are suggested for tracking transactions from the demonstration in the sales files, through the negotiation files until reaching the settlement of the amounts in the payment files.

**For sales lifecycle tracking:** use the information from the "Transaction Code received/contract".

The query of the data through this key aims to demonstrate all the transaction postings already processed in the files, in addition to presenting the life cycle of the transaction.

Note: For lines of operations (posting types 11 to 14), this field displays the contract number generated at the record keeper that is also shown in "15" (NRC) files, specifically in the "A" lines in headings 64 to 83.

The image below shows the demonstration of a 4-installment transaction whose "Received Transaction Code/Contract" is the same for all installments, allowing the sale transaction to be linked through the same code and generating a tracking key for lifecycle query.

In full it should be noted that each installment generates a corresponding UR associated with a specific settlement date, generating distinction in the payment cycle.

Demonstração de transação parcelada (Arquivo de vendas)					
LINHA EDI	Tipo de linha	Código da transação recebida	Autorização	Chave UR	
E200787828	E	2210010310190000004	458555	010270580001918662920000012	2022-10-11
E200787828	E	2210010310190000004	458555	010270580001918662920000012	2022-11-11
E200787828	E	2210010310190000004	458555	010270580001918662920000012	2022-12-12
E200787828	E	2210010310190000004	458555	010270580001918662920000012	2023-01-11

**For querying the amount settlement cycle:** it is suggested to use the UR key indicated both in the type "D" records (headings 152 to 253) and in the type "E" records (headings 30 to 129).

With the query of the data through this key should be obtained as a return all the transactions and contracts registered for the key queried, allowing to have the analytical visibility of the transactional movement settled for the client.

Please note: The "UR Key" plus the "Posting Type" are the fields that associate "E" type records with "D" type lines in the settlement/payment files.

Taking as an example the UR listed in the previous image, in a query performed in the base of files already processed we will have the following return:

Settlement statement (Payment file)					
EDI LINE	Line type	Received transaction code	Authorization	UR Key	
E200787828001	E	2207010310210000004	184240	010270580001918662920000012	2022-10-11
E200787828001	E	2207010310190000010	899673	010270580001918662920000012	2022-10-11
E200787828001	E	2207010310230000006	401529	010270580001918662920000012	2022-10-11
E200787828001	E	2207010310220000038	229096	010270580001918662920000012	2022-10-11
E200787828001	E	2210010310220000001	303827	010270580001918662920000012	2022-10-11
E200787828001	E	2210010310190000004	458555	010270580001918662920000012	2022-10-11
E200787828001	E	2210010310230000004	236821	010270580001918662920000012	2022-10-11
E200787828001	E	2210010310210000004	493944	010270580001918662920000012	2022-10-11
E200787828001	E	2208010310190000037	851743	010270580001918662920000012	2022-10-11
E200787828001	E	2208010310230000005	611388	010270580001918662920000012	2022-10-11
E200787828001	E	2208010310220000502	217581	010270580001918662920000012	2022-10-11
E200787828001	E	2208010310210000014	256676	010270580001918662920000012	2022-10-11
E200787828001	E	2209010310220000001	816312	010270580001918662920000012	2022-10-11
E200787828001	E	2209010310230000004	549705	010270580001918662920000012	2022-10-11
E200787828001	E	2209010310190000044	702919	010270580001918662920000012	2022-10-11
E200787828001	E	2209010310210000004	559589	010270580001918662920000012	2022-10-11

As highlighted, the "UR Key" is a code used to generate forecast of settlement and effective settlement of amounts, with this, the composition of analytical entries generates a set of entries that have in common the following characteristics:

- ⇒ Receiving CPF/CNPJ
- ⇒ Original due date
- ⇒ Brand
- ⇒ Domicile group (type of settlement)
- ⇒ Merchant number
- ⇒ CPF/CNPJ holder
- ⇒ Operation Code/Contract (for traded values)

With this the structure of the payments file follows the following structure (without Pix transactions):

Structure in the payments file					
EDI LINE (D)	Line type	Received transaction code	Authorization	UR Key	
EDI LINE (E)	Line type	Payment date		UR Key	
D200787828866	D	11102022		010270580001918662920000012	2022-10-11
E2007878288001	E	2207010310210000004	184240	010270580001918662920000012	2022-10-11
E2007878288001	E	2207010310190000010	899673	010270580001918662920000012	2022-10-11
E2007878288001	E	2207010310230000006	401529	010270580001918662920000012	2022-10-11
E2007878288001	E	2207010310220000038	229096	010270580001918662920000012	2022-10-11
E2007878288001	E	2210010310220000001	303827	010270580001918662920000012	2022-10-11
E2007878288001	E	2210010310190000004	458555	010270580001918662920000012	2022-10-11
E2007878288001	E	2210010310230000004	236821	010270580001918662920000012	2022-10-11
E2007878288001	E	2210010310210000004	493944	010270580001918662920000012	2022-10-11
E2007878288001	E	2208010310190000037	851743	010270580001918662920000012	2022-10-11
E2007878288001	E	2208010310230000005	611388	010270580001918662920000012	2022-10-11
E2007878288001	E	2208010310220000502	217581	010270580001918662920000012	2022-10-11
E2007878288001	E	2208010310210000014	256676	010270580001918662920000012	2022-10-11
E2007878288001	E	2209010310220000001	816312	010270580001918662920000012	2022-10-11
E2007878288001	E	2209010310230000004	549705	010270580001918662920000012	2022-10-11
E2007878288001	E	2209010310190000044	702919	010270580001918662920000012	2022-10-11
E2007878288001	E	2209010310210000004	559589	010270580001918662920000012	2022-10-11
E2007878288001	E	2209010310190000044	702919	010270580001918662920000012	2022-10-11
E2007878288001	E	2209010310190000044	702919	010270580001918662920000012	2022-10-11
D200787828866	D	11112022		010270580001918662920000012	2022-11-11
E2007878288001	E	2209010310220000001	816312	010270580001918662920000012	2022-11-11
E2007878288001	E	2209010310230000004	549705	010270580001918662920000012	2022-11-11
E2007878288001	E	2209010310190000044	702919	010270580001918662920000012	2022-11-11
E2007878288001	E	2209010310210000004	559589	010270580001918662920000012	2022-11-11
E2007878288001	E	2210010310220000001	303827	010270580001918662920000012	2022-11-11
E2007878288001	E	2210010310190000004	458555	010270580001918662920000012	2022-11-11
E2007878288001	E	2210010310230000004	236821	010270580001918662920000012	2022-11-11
E2007878288001	E	2210010310210000004	493944	010270580001918662920000012	2022-11-11
E2007878288001	E	2208010310190000037	851743	010270580001918662920000012	2022-11-11
E2007878288001	E	2208010310230000005	611388	010270580001918662920000012	2022-11-11
E2007878288001	E	2208010310220000502	217581	010270580001918662920000012	2022-11-11
E2007878288001	E	2208010310210000014	256676	010270580001918662920000012	2022-11-11
E2007878288001	E	2208010310210000014	256676	010270580001918662920000012	2022-11-11

## Demonstration of cancellation/dispute of sale, cash and debit credit;

The demonstration of adjustments associated with cancellations and disputes is always linked to records with posting type "06" and "08" of table II of the integration manual.

For the purpose of demonstration in the files, the heading 28 and 29 of the record type "E" (analytical UR) will always be filled with the variables indicated above, being "06" for cancellations of sale and "08" for disputes, already in the records type "D" this identification occurs in headings 150 to 151.

The example below shows the demonstration of a cancellation (release type "06") of the product "011" (Maestro) to the "Received transaction code/contract" 2303020610410000657.

E221125511000700100009899380601027058000191639703540001892023-03-0300701001221125511063970354000189	2303020610410000661	0129269N
E2211255110002001000003127440601027058000191639703540001892023-03-0300201001221125511063970354000189	2303020610410000660	0049111N
E2211255110002001000003660230601027058000191639703540001892023-03-0300201001221125511063970354000189	2303020610410000659	0049111N
E2211255110002001000004380600601027058000191639703540001892023-03-0300201001221125511063970354000189	2303020610410000658	0049107N
E2211255110002001000002338160601027058000191639703540001892023-03-0300201001221125511063970354000189	2303020610410000657	0049011N
E221125511000700100001607090601027058000191639703540001892023-03-0300701001221125511063970354000189	2303020610410000656	0097270N
E2211255110002001000002703330601027058000191639703540001892023-03-0300201001221125511063970354000189	2303020610410000655	0097110N
E2211255110002001000004809740601027058000191639703540001892023-03-0300201001221125511063970354000189	2303020610410000654	0094010N
E2211255110001002000007348970601027058000191639703540001892023-04-030010200221125511063970354000189	2303020610260000025	0097040N
E2211255110001001000003274060601027058000191639703540001892023-03-0300101001221125511063970354000189	2303020610260000024	0097032N
E2211255110001001000005172910601027058000191639703540001892023-03-0300101001221125511063970354000189	2303020610260000023	0129031N
E2211255110007002000007891810201027058000191639703540001892023-03-060070200221125511063970354000189	2303020210400052742	0000270N

As indicated earlier, for the scenario of disputes the field of the type of release will be filled with the code "08".

### Demonstration of cancellation/dispute of installment sale

Like the cancellation/disputes of debit transactions and cash credit, the identification of cancellations/disputes of installment transactions follows the same structure with the difference of de-scheduling.

The de-scheduling view consists of the demonstration of the forecast of future debts segregated according to debit opportunities in the client's agenda and may incur partial debit scenarios that divide adjustment amounts into amounts smaller or greater than the total amount of installments of the sale (this scenario is valid for the compensation of **any type of adjustment**, regardless of the original sale class or the type of adjustment).

In scenarios where there are no partial debits, the demonstration of adjustments always occurs with the forecast date for debit listed the original maturity dates of the open installments.

The compensation of debts for this scenario lists the amount of the adjustments from the last open installment to the most recent.

### Demonstration of lease charges and Cielo plan

The demonstration of associated adjustments, lease charges and Cielo plan is always linked to records with posting type "10" from table II of the integration manual.

For the purpose of demonstration in the files the heading 28 and 29 of the record type "E" (analytical UR) will always be filled with the variable indicated above, already in the records type "D" this identification occurs in heading 150 to 151.

The concept of partial debits can also apply to this type of adjustment.

### Reconciliation and tracking keys for adjustments

All adjustments processed in the client's financial schedule generate unique "Received Transaction Code/Agreement".

Scenarios of partial cancellations of the same sale will generate different tracking keys.

Therefore, it is suggested that in addition to the "Code of the transaction received/contract" also be used the data presented in the field "Number of the transaction processed"<sup>7</sup> indicated in headings 605 to 626 of the type "E" records.

The effect of using this field is to trace the original sale associated with the adjustment read.

Using as an example the cancellation of the Maestro transaction indicated in the section "Demonstration of cancellation/dispute of sale, cash credit and debit", we have the following scenario:

- ⇒ Received transaction code: 2303010110290001373
- ⇒ Number of the transaction processed: 2303010110290001373

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<sup>7</sup> This field will be filled in only for records whose debit source is a sale

Entries that can display the filled field: 01, 02, 03, 04, 05, 06, 07, 08, 09, 15 and 16 since originated in a sale, otherwise it will show zeros.



For these two keys, the first indicates the reconciliation code generated for the adjustment, while the second field indicates the key of the source transaction that generated the debit.

This section presents the coexistence keys that should be used for the treatment of extracts of version 14 (view ROs plus lines of operations) and 15 (structure at the level of UR).

The correlation of keys between version 14 of the manual and version 15 for sales scenarios predicts the use of the following fields:

- The use of the above keys allows you to link sales records for coexistence between the two layouts.

As described in previous sessions, for scenarios of adjustments originating in sales, such as cancellations and disputes, we have two keys generated in version 15 of the manual, one indicating the unique key of the adjustment and the other pointing to the original transaction that originated it. With this, we have the following scenario:

For coexistence code and mapping of the original sale:

- ⇒ V14: Consider the concatenation of heading 2 to 5 of the "RO number" field indicated in the CV record (type 2 line) plus the "Internal adjustment code" field indicated in the CV lines (type 2 line, heading 236 to 250).
- ⇒ V15: Consider the "Number of processed transaction" field indicated in headings 605 to 626 of type "E" records.



For coexistence code and mapping of operations (Sales files, payment – CIELO03 and CIELO04)

- ⇒ V14: Consider the field "Operation code" indicated in headings 12 to 31 of type 3 records;
- ⇒ V15: Consider the "Received transaction code/contract code" field for records with posting type equal to 11, 12, 13, and 14.

For coexistence code and mapping of operations (Negotiation files – CIELO15)

- ⇒ V14: Consider the field "Operation code" indicated in headings 64 to 83 of type B records;
- ⇒ V15: Consider the "Incoming transaction code/contract code" field for records with posting type equal to 11.

Note: All type "B" records generated in the advance file will generate counterpart records demonstrated in the sales and payment files opened at the merchant level, provided that the advance is of Cielo agenda. In turn, these counterpart records indicate the balances and keys of URs traded in each operation, and it is necessary to continue tracking the analytical basis through these records.

## Demonstration of advances Cielo agenda with Cielo

The flow for demonstration of advances made with Cielo generates the demonstration of the amounts traded in the files type 15 (NRC – Negotiation of Cielo Receivables) indicating the commercial conditions of each contract highlighted in 3 types of lines, as described in the section "Structure of the statements".

To identify anticipated values of the Cielo agenda directly with Cielo, it is necessary to validate the field "Financial institution" presented in the type "B" records (headings 67 to 116). Operations with this characteristic must present the description "CIELO SA" as presented below:

[illegible]

Please note: All type "B" records presented in type 15 files will generate counterpart records with type 11 postings reflecting the "Operation code" field in the "Received transaction/contract code" heading of the "E" type records (for capture and settlement files).

In turn, the "E" type records will indicate at the merchant level the UR keys considered in these operations allowing the tracking of the analytical composition of the values.

## Demonstration of advances of the Market agenda with Cielo

The structure for the demonstration of advances made with Cielo of market agendas occurs in type 15 files with the description and identification of the institution holding the credits in the field "Financial institution" other than "CIELO SA".

**Please note: Amounts advanced with Cielo of market agendas do not generate counterpart records in the sales and payment statements.**

Cielo's agenda operations with the market generate counterpart records in the sales and payment statements, but do not generate content in the type 15 files.

### Summary:

Demonstration in the statements	Cielo Schedule			Market Schedule		
	CIELO15	CIELO03	CIELO04	CIELO15	CIELO03	CIELO04
Cielo Operations	X	X	X	X		
Market operations		X	X			

## Relationship of advances file with sales files

As indicated in previous sessions, advance operations carried out with Cielo for Cielo agenda movement generate "B" records in type 15 files consolidating values at the level of CNPJ/CPF, in turn, these same lines generate "E" type records with "11" release type in the sales files opened by merchant, bringing the indication of the same contract number presented in the advance files.

These counterpart lines indicate the negotiated URs that link the transactional movement of the UR, with this we have the following scenario:

Demonstration in NRC file (CIEL015):

02005918762202303072023030720230307000897	CIELOIS	014
A2303062303078502766300015200302400+0000000355986+00000003550360	1000000165832592827	
B23030623031385027663000152007001+00000000103997+000000010349800480		CIELO SA2005918762
B23030623031085027663000152007001+00000000103997+000000010374700240		CIELO SA2005918762
B23030623030985027663000152007001+00000000103997+000000010383100160		CIELO SA2005918762
B23030623030885027663000152007001+00000000043955+000000004396000080		CIELO SA2005918762
C000120230000000000000101884893+0000000355036		

Demonstration of offsetting lines (CIEL003) – view segregated by specific fields:

TR	ESTABELECIMENTO	TIPO DE LANÇAMENTO	CHAVE UR	CONTRATO	VALOR LÍQUID.
E	2005918762		11 010270580000191850276630001522023-03-100070200220059187628502766300015200000000000000000000	10000000165832592827	-1039,97
E	2005918762		11 010270580000191850276630001522023-03-090070200220059187628502766300015200000000000000000000	10000000165832592827	-1039,97
E	2005918762		11 010270580000191850276630001522023-03-130070200220059187628502766300015200000000000000000000	10000000165832592827	-1039,97
E	2005918762		11 010270580000191850276630001522023-03-080070200220059187628502766300015200000000000000000000	10000000165832592827	-439,95

## Relationship of advances in the sales file with payment files

The offsetting records indicated with the posting type "11" will be demonstrated in the payment files on the original due date. For control purposes, the advance files will inform this data in its structure as described below.

Demonstration in NRC file (CIELO15) – Indication of due dates:

020059187622023030720230307202303070008975	CIELOIS	014
A2303062303078502766300015200302400+00000000355986+000000003550360	1000000165832592827	
B23030623031035027663000152007001+00000000103997+0000000010349800480		CIELO SA2005918762
B23030623031035027663000152007001+00000000103997+0000000010374700240		CIELO SA2005918762
B23030623030995027663000152007001+00000000103997+0000000010383100160		CIELO SA2005918762
B23030623030995027663000152007001+0000000043995+000000004396000080		CIELO SA2005918762
C000120230000000000000101884893+00000000355036		

Demonstration of offsetting lines (CIEL004) – view segregated by specific fields:

TR	ESTABELECIMENTO	TIPO DE LANÇAMENTO	CHAVE UR	CONTRATO	VALOR LÍQUIDO	DT PGMN
E	2005918762	11	010207508000191850276630001522023-03-130070200220059187628502766300015200000000000000000000	1000000165832592827	-1039,97	13/03/2023
E	2005918762	11	010207508000191850276630001522023-03-100070200220059187628502766300015200000000000000000000	1000000165832592827	-1039,97	10/03/2023
E	2005918762	11	010207508000191850276630001522023-03-090070200220059187628502766300015200000000000000000000	1000000165832592827	-1039,97	09/03/2023
E	2005918762	11	010207508000191850276630001522023-03-080070200220059187628502766300015200000000000000000000	1000000165832592827	-439,95	08/03/2023

**Please note:** Type "B" records sent in type 15 files consolidate values at the CNPJ/CPF level, the counterpart lines demonstrated in the sales and payment statements can generate one more line for a single "B" record since these records open the information by merchant.

### **Reconciliation flows of advances made with Cielo (sales, advances and payments with UR detailing)**

Operations carried out as of 06/07/2021 consider the arrangement of UR (unit of receivable) for consolidation of values and settlement of movements, with this, the information generated in the statements follow the same grouping structure for detailing traded amounts.

The table below indicates the cycle of sending information for monitoring and conciliation of the RUs negotiated with Cielo:

Customer	Center	Notes
Make sales	Sends CIELO03 files detailing the transactions at the authorization level and indicating the "UR key" and "Received transaction code/contract" associated with the sales.	This demonstration takes place the day after the sales capture date.
Advance your sales	Send files <u>CIELO15</u> detailing the commercial conditions of the advance, pointing out the contract number and consolidating amounts at the CPF/CNPJ level.  Sends <u>CIELO03</u> files detailing the URs negotiated at the merchant level.	This demonstration takes place the day after the date of advance, both for CIELO03 and CIELO15 statements.
Track your account payments	Sends offsetting records in CIELO04 statements adjusting the balance of the day's payments.  This demonstration details the entire transactional of the settled URs, in addition to the balances and contracts traded by "UR key".	The demonstration of offsetting records in the payment files occurs on the original due date of the anticipated amounts.

## Demonstration of Cielo schedule negotiations made with the market

Cielo schedule operations with the market can occur in two different ways (assignments and/or liens)

### Assignments

They are classified as advance operations where there is the settlement of amounts before the original due date (concept of advance):

Customer	Center	Notes
Make sales	Sends CIELO03 files detailing the transactions at the authorization level and indicating the "UR key" and "Received transaction code/contract" associated with the sales.	This demonstration takes place the day after the sales capture date.
Advance your sales with the market	Sends CIELO03 files detailing the URs negotiated at the merchant level, highlighting the posting type "11".	This demonstration takes place the day after the advance.
Track your account payments	Sends offsetting records in CIELO04 statements adjusting the balance of the day's payments indicated with the posting type "11".	The demonstration of offsetting records in the payment files occurs on the original due date of the anticipated amounts.

### Liens

Classified as collateral operations where the original settlement date is maintained, generating only the commitment of future values with third party agents.

Customer	Center	Notes
Make sales	Sends CIELO03 files detailing the transactions at the authorization level and indicating the "UR key" and "Received transaction code/contract" associated with the sales.	This demonstration takes place the day after the sales capture date.
Advance your sales with the market	Sends CIELO03 files detailing the URs negotiated at the merchant level pointing out "13" and "14" release types.	This demonstration takes place the day after the negotiation date.
Track your account payments	Sends offsetting records in CIELO04 statements adjusting the balance of the day's payments indicated with the posting types "13" and "14".	The demonstration of offsetting records in the payment files occurs on the original due date of the anticipated amounts.

## Demo Pix Transactions

Due to the settlement deadline, Pix transactions are only presented in CIELO04 files.

The demonstration takes place in lines type "8" (Pix Transaction Detail) indicating the date of sale, settlement date, Pix ID, gross and net amounts among others.

```

8103948110501230104081542      63b55fde68e7142f3919544d054793230104+00000000002100-0000000000022+00000000002078036200001000000000599534000142301040106000
8103948110501230107113647      63b9837f16b6f67a454cd0ac161679230107+00000000017340-0000000000184+00000000017156036200001000000000599534000142301070106000
8103948110501230119145113      63c983113a4e56259ccff524240804230119+00000000015640-0000000000166+00000000015474036200001000000000599534000142301190106000
8103948110501230124025952      63cf73d8114df14ab9b32eb0029951230124+00000000020790-0000000000220+00000000020570036200001000000000599534000142301240106000

```

For a more assertive reconciliation of transactions in this modality, it is recommended using the fields "ID Pix" for sales records and "ID Pix" plus "original Pix ID" for records of adjustments. The "original Pix ID" field indicates the source sale that generated the adjustment, allowing tracking of the transaction lifecycle.

### **Scenarios of operations and trading of balances of an UR**

The balance of an UR may incur in more than one operation / contract or in more than one type of operation (assignment / lien), with this, URs shown in the statements of sale and payment may present in their detail records with type of entry "11", "13" and "14" being necessary to make the movement write-off at the level of balance.

#### Possible scenarios:

- ⇒ Free UR: It has no associated operation;
- ⇒ UR assigned in full: 100% of the balance that makes up the UR was negotiated in the assignment model with only one institution;
- ⇒ UR with multiple assignment in full: The UR balance was negotiated with more than one financial institution compromising the total balance;
- ⇒ UR partially assigned: Part of the UR balance was negotiated in the assignment model with an institution;
- ⇒ UR with multiple assignment in a partial way: The UR balance was negotiated with more than one financial institution, but still has an available balance;
- ⇒ UR with multiple type of operation in an integral way: The balance of the UR has both assignment and lien operations, whether with the same institution or different negotiated for 100% of the amount that composes it.
- ⇒ UR with multiple type of operation in a partial way: The balance of the UR has both assignment and lien operations, whether with the same institution or another, however, it still has available balances.

Please note: For scenarios in which the total balance of the UR was negotiated, the transactional breakdown is reconcilable for 100% of sales, except in situations where there is a need to segregate transactions by type of operation.

For scenarios in which there is incurrence of partial operations in the balances of the URs, the statements will demonstrate the total analytical composition of the UR and the reconciliation of the negotiated amounts should be carried out at the level of balance.

## CUSTOMER SERVICE CHANNELS

CHANNEL	SCOPE	CONTACT
EDI Service	<p><b>Duplication</b> of arrays (cases in which the client is unable to contract the statement through the Cielo Site or when the conciliator is unable to handle the demand via API).</p> <p>Analysis of discrepancy in file contents</p> <p>Questions about the layout of the statements</p> <p><b>Reprocessing</b> requests</p>	<p>Phone: (11) 4002-5270</p> <p>Email: <a href="mailto:EDI@cielo.com.br">EDI@cielo.com.br</a></p> <p>Opening hours: Monday to Friday, 9 am - 6 pm</p>
N2 Support of the New EDI Electronic Extract Platform	<p>Support for voice mail access</p> <p>File receiving failures</p> <p><u>New availability</u> of statements</p> <p>Voice mail and SFTP settings</p>	<p>Phone: (11) 4858-1821</p> <p>Email: <a href="mailto:canaledi-sup@cielo.com.br">canaledi-sup@cielo.com.br</a></p> <p>Opening hours: Monday to Saturday, 7 am - 10 pm</p>
Developer Support	<p>API support for outages, call failures, general API questions</p> <p><b>Note: Exclusive support for conciliators</b></p>	<p>Website: <a href="https://developercielo.github.io/tutorial/edi-extrato-eletronico">https://developercielo.github.io/tutorial/edi-extrato-eletronico</a></p> <p>Chat available Monday to Friday, 9 am - 5 pm</p>

