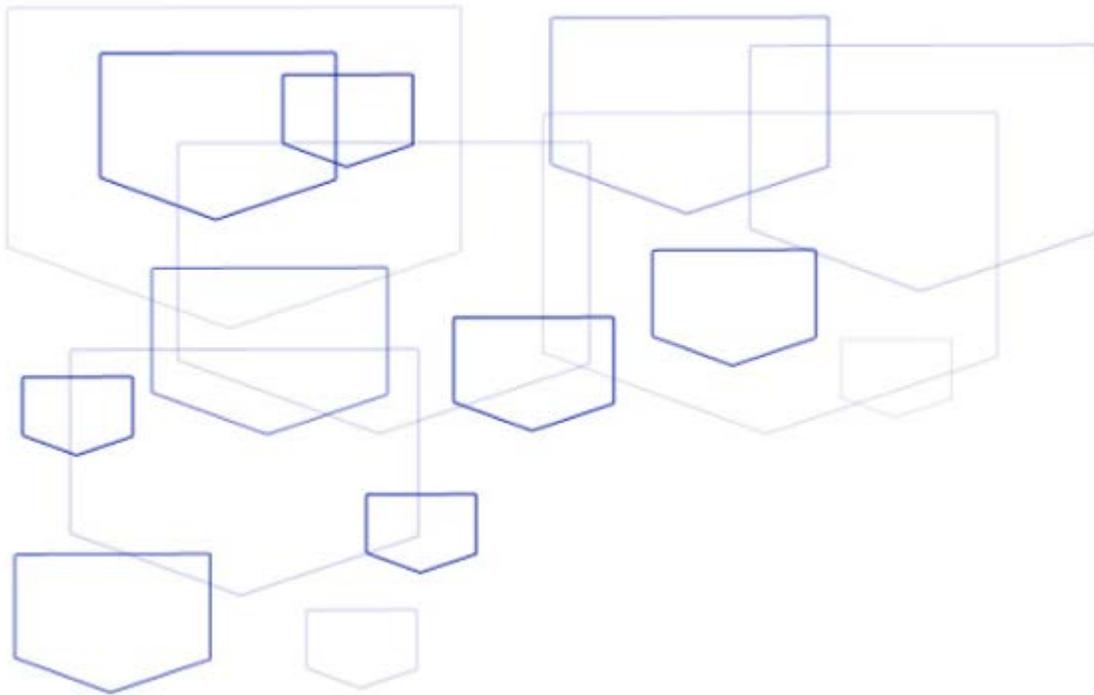


# U.S. Bank E-Payment Service

## Remittance File Layout

### Version 6.0



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# Chapter 1: Remittance File v6.0

A daily file is generated by the E-Payment Service that provides the biller with all the processed transactions for the previous day(s).

## Schedule

Next day remittance files are generated and sent to the biller by 8:00 am CT, Monday through Friday, excluding Federal holidays. Same day remittance files are generated and sent to the biller approximately one hour after the biller's selected payment cutoff time.

## Format

Remittance files are variable length files that are available in XML and CSV formats

## Distribution

Remittance files are available for download through the Administrative site and using automatic transmission via U.S. Bank Data Distribution Services. Files will be available on the Administrative site for 60 days after they are posted.

## Naming Convention

The biller has the option of providing a static name for the Remittance file. If they choose to utilize a name other than the default file name, the file name must be static and no more than 60 characters. The default file name is <Biller Group Abbreviation>\_<Biller Abbreviation>\_V5\_0\_YYYY\_MM\_DD.

## Chapter 2: File Layout

### Header Record

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "Header"
VersionNumber	Num	4	"V6.0"
BillerGroupID	A/N	3	Biller Group ID
BillerGroupShortName	A/N	16	Biller Group Short Name
BillerID	A/N	3	Biller ID
BillerShortName	A/N	16	Biller Short Name
FileIndicator	Alpha	15	Remittance File
ProcessDate	Num	8	MMDDYYYY – File creation date.
BillerReportName	A/N	80	Biller Report Title

**Detail Record**

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "Detail"
TransactionConfirmationId	A/N	15	Transaction Confirmation ID
CFTransactionConfirmationID	A/N	15	Convenience Fee Transaction Confirmation ID
RecurringRefId	A/N	15	If transaction is a part of a recurring payment = Recurring Reference Id from recurring payment schedule
BillerPayorId	A/N	32	Payer ID from transaction if user was required to enter this value
BillerProductCode	A/N – no spaces	32	Biller Product Code If this is a convenience fee transaction = Biller Product Code + "Fee"
AmountDue	Num	16,2	Numeric Only, explicit decimal point.
DueDate	A/N	8	The payment due date passed in from the session transfer or registration record. YYYYMMDD
PaymentAmount	Num	16,2	If convenience fees are not charged or charged as 1 transaction = Payment Amount If convenience fee is charged as 2 transactions: 1st Transaction (Payment) = Payment Amount 2nd Transaction (Convenience fee) = 0.00 If transaction is a payment or return (debit), this amount is greater than 0. If transaction is a refund (credit), this amount is less than 0. Explicit decimal point
ConvenienceFee	Num	16,2	If convenience fees are not charged = blank If convenience fees are charged, but collected by U.S. Bank = blank If convenience fee is charged as 1 transaction = Convenience Fee Amount If convenience fee is charged as 2 transactions: 1st Transaction (Payment) = 0.00 2nd Transaction (Convenience fee) = Convenience Fee Amount If transaction is a payment or return (debit), this amount is greater than 0. If transaction is a refund (credit), this amount is less than 0.

**U.S. Bank E-Payment Service Remittance File Layout v6.0**

Field Name	Data Type	Max Length	Comments/Format
			Explicit decimal point
TotalAmount	Num	16,2	Payment Amount + Convenience Fee If transaction is a payment or return (debit), greater than 0. If transaction is a refund (credit), less than 0. Explicit decimal point
PaymentEffectiveDate	Num	8	YYYYMMDD
BillerBusinessDate	Num	8	YYYYMMDD (this date value is assigned to ACH payments only)
InitiationDate	Num	8	YYYYMMDD
InitiationTime	Num	6	HHMMSS, 24 hour clock, Central Time
PaymentMethod	Alpha	4	ACH, CC, ATM or CSH  Please Note: ATM Debit Card payments may be processed through one of four ATM Debit networks: Star, Pulse, Accel or NYCE. A breakdown of payments processed through each network is NOT available on this file, but may be obtained through other sources such as the Elavon MerchantConnect reporting tool
CardType	Alpha	4	AMEX = American Express DISC = Discover VISA = Visa MC = MasterCard ATM = ATM Debit Card If PaymentType = 'ATM', then CardType also = 'ATM'
AVSCode	Alpha	1	The Address Verification Service response code returned to E-Payment Service by the card issuer..
CVDCode	Alpha	1	The Card Verification Data response code returned to E-Payment Service by the card issuer..
BankRTN	Alpha	9	The ABA Routing number provided by the payer
BankName	Alpha	50	The ABA Bank Name provided by the payer
SECCode	Alpha	3	The SEC code assigned to the ACH payment
LastFourAccountNumber	Num	4	The last 4 digits of the card or bank account number
PaymentAuthorization	Num	15	IF ACH = ACH Trace # IF Credit Card or ATM Debit Card = Authorization # If Cash = field is blank
PaymentStatus	Alpha	9	"PROCESSED" = payment or refund processed for settlement. Refunds initiated on the same day as the original payment will be shown as REFUNDED (see

**U.S. Bank E-Payment Service Remittance File Layout v6.0**

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Field Name	Data Type	Max Length	Comments/Format
			below). "RETURNED" = payment returned by Receiving Financial Institution "REFUNDED" = this status will only appear on the remittance file for payments refunded the same day as the payment is initiated (credit card only); otherwise, refunded payment will have payment status of "PROCESSED"
ACHReturnCode	A/N	4	If status is RETURNED, return code.
ReasonDescription	Alpha	48	If status is RETURNED, reason description
ReturnDate	Num	8	If status is RETURNED, return date
PaymentChannel	Alpha	5	The channel on which the payment was initiated WEB, IVR, CSR or KSK
AdminOrgID	Alpha	3	Admin Organization ID number that was used to process a payment from the E-Payment Service Admin Site
AsminUserID	Alpha	3	Admin User ID that was used to process a payment from the E-Payment Service Admin Site

Field Name	Data Type	Max Length	Comments/Format
User Fields			
Userld	A/N or Num	16	Alphanumeric if WEB only, Numeric if IVR or BOTH (no spaces)
PayerFirstName	A/N	30	Can contain letters, numbers, dashes, periods, commas, parenthesis, or spaces Cannot be all spaces or all numbers
PayerLastName	A/N	30	Can contain letters, numbers, dashes, periods, commas, parenthesis, or spaces Cannot be all spaces or all numbers
PayerCompanyName	A/N	30	Can contain letters, numbers, dashes, periods, commas, parenthesis, or spaces (Not Required)
PayerPhone	A/N or Num	20	If country is US, must be 10 numeric digits If country is not US, alphanumeric, hyphens, single spaces, parentheses and periods are allowed
PayerStreetAddress1	A/N	30	Can contain letters, numbers, dashes, periods, commas, parenthesis, #, %, forward slash, or spaces Cannot be all spaces
PayerStreetAddress2	A/N	30	Can contain letters, numbers, dashes, periods, commas, parenthesis, #, %, forward slash, or spaces Not Required
PayerCity	A/N	30	Can contain letters, dashes, periods, commas, parenthesis, or spaces Cannot be all spaces or numbers
PayerState	A/N	40	State / Province / Region
PayerZipPostalCode	A/N	12	Alpha-numeric
PayerZipCode4	Num	4	Numeric Only (Not Required)
PayerCountry	Alpha	2	Two char country code value If Country is not US, the only values to be accepted are numbers, letters, hyphens, apostrophes, single spaces, commas, periods and parentheses
PayerEmail	A/N	256	Not Required
BillingStreetAddress1	A/N	30	Billing address 1 Cannot be all spaces
BillingStreetAddress2	A/N	30	Not Required
BillingCity	A/N	30	Billing City

			Cannot be all spaces or all numbers
BillingState	A/N	40	Billing State / Province / Region
BillingPostalCode	A/N	12	Billing Zip Code Alpha-numeric
BillingZipCode4	A/N	4	Billing Zip + 4 Numeric Only (Not Required)
BillingCounty	A/N	2	Billing address two character country code value (See Appendix)
Product Parameter Fields (Repeated for every parameter selected for this transmission)			
ParameterName (n)	A/N	26	
ParameterValue (n)	A/N	80	

**Summary Record – Credit Card**

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "CreditCardSummary"
CCDebitsPaymentCount	Num	6	Number of credit card sale (debit) payment transactions (excludes conv fee trans)
CCDebitsPaymentAmount	Num	18,2	Sum of payment amounts for credit card sale (debit) payment transactions (excludes conv fee trans)
CCDebitsCFCount	Num	6	Number of credit card sale (debit) convenience fee transactions
CCDebitsCFAmount	Num	18,2	Sum of payment amounts for credit card sale (debit) convenience fee transactions
CCDebitsTotalCount	Num	6	CCDebitsPaymentCount + CCDebitsCFCount
CCDebitsTotalAmount	Num	18,2	CCDebitsPaymentAmount + CCDebitsCFAmount
CCCreditsPaymentCount	Num	6	Number of credit card refund (credit) transactions (excludes conv fee trans)
CCCreditsPaymentAmount	Num	18,2	Sum of payment amounts for credit card refund (credit) transactions (excludes conv fee trans)
CCCreditsCFCount	Num	6	Number of credit card refund (credit) convenience fee transactions
CCCreditsCFAmount	Num	18,2	Sum of payment amounts for credit card refund (credit) convenience fee transactions
CCCreditsTotalsCount	Num	6	CCCreditsPaymentCount + CCCreditsCFCount
CCCreditsTotalAmount	Num	18,2	CCCreditsPaymentAmount + CCCreditsCFAmount
CardProcessorCCDebitsCount	Num	6	Number of credit card sale (debit) transactions for all terminal ids for this biller, as reported by Nova

Field Name	Data Type	Max Length	Comments/Format
CardProcessorCCDebitsAmount	Num	18,2	Sum of payment amounts for credit card sale (debit) transaction for all terminal ids for this biller, as reported by Nova
CardProcessorCCCreditsCount	Num	6	Number of credit card credit transactions for all terminal ids for this biller, as reported by Nova
CardProcessorCCCreditsAmount	Num	18,2	Sum of payment amounts for credit card credit transaction for all terminal ids for this biller, as reported by Nova
CCDebitsCountDiff	Num	6	NovaCCDebitsCount – CCDebitsTotalCount
CCPaymentsAmountDiff	Num	18,2	NovaCCDebitsAmount – CCDebitsTotalAmount
CCCreditsCountDiff	Num	6	NovaCCCreditsCount – CCCreditsTotalCount
CCCreditsAmountDiff	Num	18,2	NovaCCCreditsAmount – CCCreditsTotalAmount
VisaPaymentsCount	Num	6	Number of records in this file where CreditCardType = "VISA"
VisaPaymentsAmount	Num	18,2	Sum of the TotalAmount field for all records in this file where CreditCardType = "VISA"
MCardPaymentsCount	Num	6	Number of records in this file where CreditCardType = "MC"
MCardPaymentsAmount	Num	18,2	Sum of the TotalAmount field for all records in this file where CreditCardType = "MC"
DiscPaymentsCount	Num	6	Number of records in this file where CreditCardType = "DISC"
DiscPaymentsAmount	Num	18,2	Sum of the TotalAmount field for all records in this file where CreditCardType = "DISC"
AmexPaymentsCount	Num	6	Number of records in this file where CreditCardType = "AMEX"
AmexPaymentsAmount	Num	18,2	Sum of the TotalAmount field for all records in this file where CreditCardType = "AMEX"

**Summary Record – ATM Debit**

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "ATM Summary"
ATMDebitsPaymentCount	Num	6	Number of ATM debit transactions (excludes conv fee trans)
ATMDebitsPaymentAmount	Num	18,2	Sum of payment amounts for ATM debit transactions (excludes conv fee trans)
ATMDebitsCFCount	Num	6	Number of ATM debit convenience fee transactions

Field Name	Data Type	Max Length	Comments/Format
ATMDebitsCFAmount	Num	18,2	Sum of payment amounts ATM debit convenience fee transactions
ATMDebitsTotalCount	Num	6	ATMDebitsPaymentCount + ATMDebitsCFCCount
ATMDebitsTotalAmount	Num	18,2	ATMDebitsPaymentAmount + ATMDebitsCFAmount
ATMCreditsPaymentCount	Num	6	Number of ATM refund (credit) transactions (excludes conv fee trans)
ATMCreditsPaymentAmount	Num	18,2	Sum of payment amounts for ATM refund (credit) transactions (excludes conv fee trans)
ATMCreditsCFCCount	Num	6	Number of ATM refund (credit) convenience fee transactions
ATMCreditsCFAmount	Num	18,2	Sum of payment amounts for ATM refund (credit) convenience fee transactions
ATMCreditsTotalCount	Num	6	ATMCreditsPaymentCount + ATMCreditsCFCCount
ATMCreditsTotalAmount	Num	18,2	ATMCreditsPaymentAmount + ATMCreditsCFAmount

**Summary Record – ACH**

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "ACHSummary"
ACHDebitsPaymentCount	Num	6	Number of ACH debit transactions (excludes conv fee trans)
ACHDebitsPaymentAmount	Num	18,2	Sum of payment amounts for ACH debit transactions (excludes conv fee trans)
ACHDebitsCFCCount	Num	6	Number of ACH debit convenience fee transactions
ACHDebitsCFAmount	Num	18,2	Sum of payment amounts ACH debit convenience fee transactions
ACHDebitsTotalCount	Num	6	ACHDebitsPaymentCount + ACHDebitsCFCCount
ACHDebitsTotalAmount	Num	18,2	ACHDebitsPaymentAmount + ACHDebitsCFAmount
ACHCreditsPaymentCount	Num	6	Number of ACH refund and return (credit) transactions (excludes conv fee trans)
ACHCreditsPaymentAmount	Num	18,2	Sum of payment amounts for ACH refund and return (credit) transactions (excludes conv fee trans)
ACHCreditsCFCCount	Num	6	Number of ACH refund and return (credit) convenience fee transactions
ACHCreditsCFAmount	Num	18,2	Sum of payment amounts for ACH refund and return (credit) convenience fee transactions
ACHCreditsTotalCount	Num	6	ACHCreditsPaymentCount + ACHCreditsCFCCount

ACHCreditsTotalAmount	Num	18,2	ACHCreditsPaymentAmount + ACHCreditsCFAmount
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**Summary Record – Cash**

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "CashSummary"
CashDebitsPaymentCount	Num	6	Number of cash debit transactions (excludes conv fee trans)
CashDebitsPaymentAmount	Num	18,2	Sum of payment amounts for cash debit transactions (excludes conv fee trans)
CashDebitsCFCount	Num	6	Number of cash debit convenience fee transactions
CashDebitsCFAmount	Num	18,2	Sum of payment amounts cash debit convenience fee transactions
CashDebitsTotalCount	Num	6	CashDebitsPaymentCount + CashDebitsCFCount
CashDebitsTotalAmount	Num	18,2	CashDebitsPaymentAmount + CashDebitsCFAmount
CashCreditsPaymentCount	Num	6	Number of cash refund (credit) transactions (excludes conv fee trans)
CashCreditsPaymentAmount	Num	18,2	Sum of payment amounts for cash refund (credit) transactions (excludes conv fee trans)
CashCreditsCFCount	Num	6	Number of cash refund (credit) convenience fee transactions
CashCreditsCFAmount	Num	18,2	Sum of payment amounts for cash refund (credit) convenience fee transactions
CashCreditsTotalCount	Num	6	CashCreditsPaymentCount + CashCreditsCFCount
CashCreditsTotalAmount	Num	18,2	CashCreditsPaymentAmount + CashCreditsCFAmount

**Summary Record**

Field Name	Data Type	Max Length	Comments/Format
RecordType	Alpha	20	CSV only field, "DetailSummary"
TotalRecordCount	Num	4	Total number of all Detail records in the file
RecordCountSent	Num	4	Total number of PROCESSED detail records in the file
PaymentAmountSent	Num	18,2	Calculated payment value of the total number of detail records in the file (includes PROCESSED and REFUNDED transactions). Last two characters are post decimal point
CFAmountSent	Num	18,2	Calculated payment value of the total number of convenience fee detail records in the file (includes PROCESSED and REFUNDED transactions).

Field Name	Data Type	Max Length	Comments/Format
			Last two characters are post decimal point
TotalAmountSent	Num	18,2	Calculated payment and convenience fee value of the total number of detail records in the file (includes PROCESSED and REFUNDED transactions). Last two characters are post decimal point.
RecordCountRefund	Num	4	Total number of detail records in the file that are REFUNDED transactions.
PaymentAmountRefund	Num	18,2	Calculated payment value of the total number of detail records in the file that are REFUNDED transactions. Last two characters are post decimal point
CFAmountRefund	Num	18,2	Calculated value of the total number of convenience fee detail records in the file for REFUNDED transactions. Last two characters are post decimal point
TotalAmountRefund	Num	18,2	Calculated payment and convenience fee value of the total number of detail records in the file for REFUNDED transactions. Last two characters are post decimal point.
RecordCountReturned	Num	4	Total number of detail records in the file that are RETURNED transactions.
PaymentAmountReturned	Num	18,2	Calculated payment value of the total number of detail records in the file that are RETURNED transactions. Last two characters are post decimal point
CFAmountReturned	Num	18,2	Calculated value of the total number of convenience fee detail records in the file for RETURNED transactions. Last two characters are post decimal point
TotalAmountReturned	Num	18,2	Calculated payment and convenience fee value of the total number of detail records in the file for RETURNED transactions. Last two characters are post decimal point.