



https://verifone.cloud/docs/sca-functional-specification/processor_implementn/supported_trans_tsys_engage

Updated: 20-May-2025

TSYS Direct (Engage)

Note

Engage is newly introduced to the market and will be dynamic for a period of time. This document is for information purposes only and is subject to change.

Supported Transactions

Transaction	Payment Type(s)	Comments
CARD_VALIDATION	CREDIT	0.00 amount card validation/verification
AUTH	CREDIT	
CAPTURE	CREDIT, DEBIT, EBT	Completion transactions (Follow-on CAPTURE with CTROUTD) are supported. Post Authorization transactions (Offline CAPTURE with AUTH_CODE) are supported for Credit Card only. NOTE: For Debit and EBT, offline transactions are named as RE-ENTER. See RE-ENTER Transactions section of CAPTURE table below.
CREDIT	CREDIT, DEBIT, EBT	Standalone CREDIT transactions are currently supported. NOTE: CREDIT transactions using card token or CTROUTD are not supported.
VOID	CREDIT, DEBIT, GIFT, EBT	
ADD_TIP	CREDIT	
RESET_TIP	CREDIT	
OPEN_TAB	CREDIT	
CLOSE_TAB	CREDIT	
DELETE_TAB	CREDIT	
BALANCE	DEBIT, EBT	NOTE: BALANCE is not supported for EMV transactions.
CLERK_TOTALS	Clerk/Server Totals Report	Report

Transaction	Payment Type(s)	Comments
CLERK_DETAIL	lerk/Server Details Report	Report
IRS_TIP	IRS Tip Report	Report
BATCH_DETAIL	Batch Detail Report	Report
TAB_REPORT	Open Tab Report	Report
BATCH_HISTORY	Batch History Report	Report
EMV_CONFIG	EMV Configuration Report	Report (No POS response for Report – printer only)
LAST_EMV_TRAN	Last EMV Transaction Report	Report (No POS response for Report – printer only)
UNADJUSTED_TIP	Unadjusted Tip Report	Report
LAST_TRAN	Last Transaction Report	
SETTLE		FUNCTION_TYPE BATCH /COMMAND SETTLE is required to clear shadow batch stored on payment device. NOTE: This is also known as Batch Release.

- Credit/Debit/EBT (see chart above)
- Retail/Restaurant
- MOTO
- Card Token and Token Query
- EMV Contact (Quick Chip) and Contactless
- Contactless MSD
- Level II purchasing cards
- Reports as listed
- Re-enter Transactions

Re-enter Transactions

TSYS host supports re-enter transactions, which allow merchants to add a voided transaction back into the batch. Sale and Refund transactions for Debit and EBT are eligible. There is no host request sent. Receipts will look similar to regular FORCE/Post Auth or Refund receipts. During settlement, re-enter transactions are treated like a regular sale or refund transaction. Re-enter transactions will not be added to the SAF table, even if host is offline, as they can be processed with no host communication.

Transactions Not Supported

- Gift

- Checks
- Pre-swipe/dip support
- FSA transactions
- Card Tokens and Token Query
- Kernel switching (NOCVM)
- SET_PARM
- Signature Capture Expanded