



PCCharge™ Certification Matrix

PCCharge™ is currently certified with the following processing companies. The Credit Card Processing section of this matrix shows that some credit card companies have proprietary check, debit, EBT, and gift capabilities. If your credit card processing company is not one of those, you can still perform check/debit/EBT/gift transactions through one of the non-proprietary check/debit/EBT/gift processing companies. Check with your credit card processing company for more information.

Note: This is a static document and may not be the most up-to-date version of our **PCCharge Certification Matrix**. For the most current version available, please access the online copy at <http://www.verifone.com/pccharge>.

Credit Card Processors

| Credit Processor | Card Code | Retail | MOTO | e-Commerce | Host | Terminal | Dial/Modem | TCP/IP (Internet) | TCP/IP (Leased Line) | TCP/IP (ISDN) | Check | Debit | EBT | Gift | P-Card II | CID (AMEX) | CID (Discover) | CVV2 | CVC2 | Restaurant (see note) | AVS | Certified Since * |
|---|-----------|--------|------|------------|------|----------|------------|-------------------|----------------------|---------------|-------|-------|-----|------|-----------|------------|----------------|------|------|-----------------------|-----|-------------------|
| Alliance Data Systems, Inc. | ADSI | x | | | x | x | | | | | x | x | x | | | x | x | x | x | | x | 5.7.1i SP8 |
| American Express † | AMEX | x | x | | | x | x | | | | | | | | x | | | | | | x | 5.7.1i SP8 |
| Buypass, Inc. | BPAS | x | x | x | x | x | x | x | | | | x | x | x | | | | | | | H/T | 5.7.1g |
| ECHO (aka Electronic Clearing House) | ECHO | x | x | x | x | x | | | | | | | | | x | | | | | | | 3.2 |
| FDMS Nashville / Envoy | FDCN | x | x | x | | x | x | x | | | | | | | x | | x | x | x | | x | 5.6 |
| FDMS North / CardNet (formerly Card Establishment Services) | CES | x | x | x | | x | x | x | x | | x | x | | | x | | x | x | x | | x | 5.8 |
| FDMS Omaha / FDR | FDC | x | x | x | | x | x | x | | | | | | | x | | | x | x | | x | 5.7.1 |
| FDMS South / NaBanco | NB | x | x | | | x | x | x | ♣ | | | x | | | x | x | x | x | x | x | x | 5.7.1i SP8 |
| Fifth-Third Bank-St. Pete | BPS | x | x | x | x | x | x | x | | | | x | x | x | x | x | x | x | x | T | x | 5.7.1 |
| Global Payments - East (formerly National) | NDC | x | x | x | x | x | x | | | | x | | | | x*** | x | x | x | x | T | x | 5.7.1i SP8 |



| Credit Processor | Card | Code | Retail | MOTO | e-Commerce | Host | Terminal | Dial/Modem | TCP/IP (Internet) | TCP/IP (Leased Line) | TCP/IP (ISDN) | Check | Debit | EBT | Gift | P-Card II | CID (AMEX) | CID (Discover) | CY2 | CVC2 | Restaurant (see note) | AVS | Certified Since * |
|---|------|----------|--------|------|------------|------|----------|------------|-------------------|----------------------|---------------|-------|-------|-----|------|-----------|------------|----------------|-----|------|-----------------------|-----|-------------------|
| <i>Data Corporation</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Heartland Payment Systems | | HPTS | x | x | | | x | x | x | | | | x | | | | x | x | x | x | x | x | 5.7.1 |
| National Bankcard Services ** | | NBS | x | | | | x | x | x | | | | | | | | x | x | x | x | | | 5.7.1i SP5 |
| NOVA (now Elavon) | | NOVA | x | x | x | x | x | x | x | | | x | x | | | | x | x | x | x | | x | 4.0 |
| Tandem (formerly NPC, National Processing Company) | | NPC | x | x | | | x | x | x | x | | | x | x | | | x | | | x | | x | 5.7.1i SP8 |
| Paymentech (formerly Gensar, Transnet) | | GSAR | x | x | x | x | | x | x | x | | x | x | x | x | x | x | x | x | x | T | x | 5.7.1i SP8 |
| RBS WorldPay Systems, Inc. | | WORLDPAY | x | x | | | x | x | x | | x | | x | | x | x | | | x | | | x | 5.7.1i SP7 |
| TSYS Acquiring Solutions (formerly VisaNet, Vital) | | VISA | x | x | x | | x | x | x | | | | x | x | | | | | x | x | x | x | 5.7.1i SP8 |

General Note: - PCCharge Client currently does not support gift card transaction processing via BPAS. Additionally, PCCharge Client currently does not support EBT card transaction processing via any EBT processor.

Note †: - AMEX is not selectable as a processor in Payment Server.

Note * (Certified Since): - The current version of PCCharge is certified to process transactions via any of the credit card processors listed above. The rightmost column of the matrix, **Certified Since**, indicates the version of PCCharge with which that processor was last fully certified. The individual processor certifications don't change from one version of PCCharge to the next (unless a processor changes its specifications and is updated in PCCharge). *If the version of PCCharge you have is higher than the version of that processor (shown in **Certified Since**), then your version of PCCharge is fully certified with that processor.*

Note ** (NBS): - In addition to processing standard credit cards, NBS allows for the processing of Fleet cards. Supported Fleet cards include: Fuelman, Voyager, Wright Express, Fleet One, and MasterCard/Visa Fleet cards.

Note * (NDC):** - Global does not support level two AMEX transactions at this time. In order to process level two AMEX transactions, the merchant will need to be set to split dial / split settle. Global does not support auth to AMEX and settle to Global.

Note ♣ (NB): - PCCharge is certified to process transactions via a lease line connection to FDMS South / NaBanco (NB) for accounts set up as the Retail industry type ONLY.

Note ♠ (Restaurant): - Most host-based processors in PCCharge operate in terminal-based mode when a business is configured as a restaurant. In the **Restaurant** column, "x" means that the processor uses the same mode for all business types. "T" means that the processor operates in terminal mode for restaurant transactions. "H/T" means the processor operates in a hybrid host/terminal mode for restaurant transactions.

Check Processors

| Check Services Company | Code | Dial/Modem | TCP/IP (Internet) | Verify | Guarantee | Conversion/Truncation | ECC * | MICR | Checks On Delivery | Driver's License | Double ID |
|---|------|------------|-------------------|--------|-----------|-----------------------|-------|------|--------------------|------------------|-----------|
| Alliance Data Systems, Inc. | ADSI | x | | | x | | | x | | x | |
| ArJay/SCAN Data Corporation | ARJ | x | | x | | | | x | | | x |
| Certegy | EFAX | x | | x | | | | x | x | x | |
| Check Services powered by RMRS (formerly EZCheck) | EZCK | x | | x | | x | x | x | | x | x |
| CrossCheck | CRCK | x | | x | | | | | | x | |
| FDMS North / Cardnet | CES | x | | x | | | | x | | x | |
| National Check Network (formerly Rocky Mountain Retail Systems) | RMRS | x | | x | | x | x | x | | x | x |
| Nova (now Elavon) Check Services | NOVA | x | | x | | | | x | | x | |
| Paymentech Check Services (formerly Gensar Check Services) | GSAR | x | | x | | | | x | | | |
| Secure Payment Systems | SPS | x | x | x | x | x | x | x | | | |
| TeleCheck International | TECK | x | | x | | | | x | | x | |

Note (ECC *): - ECC stands for electronic check conversion. Depending on the check processor, this transaction type may or may not require the check being processed to be physically present at the point of sale. National Check Network (formerly Rocky Mountain Retail Systems) is currently certified for check-present ECC transactions. Because it's a new concept, different check processing companies have different definitions of what ECC means.

Additionally, an RDM Check Scanner is required to save scanned check images.

Debit Card Processors

| Debit Card Processor | Code | DUKPT | Master Session | MAC | Dial/Modem | Restaurant | TCP/IP (Internet) | TCP/IP (Leased Line) |
|---|------|-------|----------------|-----|------------|------------|-------------------|----------------------|
| Alliance Data Systems, Inc. | ADSI | x | | | x | | | |
| Buypass, Inc. | BPAS | x | | | x | | x | x |
| FDMS North / Cardnet (formerly Card Establishment Services) | CES | x | | | x | | x | x |



| Debit Card Processor | Code | DUKPT | Master Session | MAC | Dial/Modem | Restaurant | TCP/IP (Internet) | TCP/IP (Leased Line) |
|--|----------|-------|----------------|-----|------------|------------|-------------------|----------------------|
| FDMS Omaha / FDR | FDC | x | | | x | | x | |
| FDMS South / NaBanco | NB | x | | | x | | x | x |
| Fifth-Third Bank-St. Pete | BPS | x | | | x | | x | x |
| Global Payments - East * | NDC | x | | x | x | | x | |
| Heartland Payment Systems | HPTS | x | | | x | | x | |
| National Bankcard Services | NBS | x | | | x | | x | |
| NOVA (now Elavon) | NOVA | x | x | | x | | x | |
| Tandem (formerly NPC, National Processing Company) | NPC | x | | | x | | x | |
| Paymentech (formerly Gensar) * | GSAR | x | | | x | | x | |
| RBS WorldPay Systems, Inc. | WORLDPAY | x | | | x | | | |
| TSYS Acquiring Solutions (formerly VisaNet, Vital) | VISA | x | | | x | | x | |

Note: - Some PIN pads will only work with certain payment processing companies. Check with your processing company and/or merchant service provider to determine which PIN pads you can use.

Note (NDC *): - NDC debit card processing includes Canadian debit (via Dial/Modem) and American debit (via Dial/Modem or TCP/IP).

Note (GSAR *): - Canadian Interac debit card transaction processing is supported when using the Paymentech (GSAR) and the VeriFone SC5000 PIN pad. Currently, PCCharge supports TCP/IP (Internet) and Dial/Modem connectivity when processing Canadian debit transactions via Paymentech (GSAR).

EBT Card Processors

| EBT Card Processor | Code | Cash Benefits | Foodstamps | Dial/Modem | TCP/IP (Internet) | TCP/IP (Leased Line) |
|--|------|---------------|------------|------------|-------------------|----------------------|
| Alliance Data Systems, Inc. | ADSI | x | x | x | | |
| Buypass, Inc. | BPAS | x | x | x | x | |
| Fifth-Third Bank-St. Pete | BPS | x | x | x | x | x |
| Tandem (formerly NPC, National Processing Company) | NPC | | x | x | x | |
| Paymentech (formerly Gensar, Transnet) | GSAR | x | x | x | x | |
| TSYS Acquiring Solutions (formerly VisaNet, Vital) | VISA | x | x | x | x | |



Gift Card Processors

| Gift Card Processor | Code | Retail | Restaurant | e-Commerce | MOTO | Loyalty/Points | Dial/Modem | TCP/IP (Internet) | TCP/IP (Leased Line) |
|---|----------|--------|------------|------------|------|----------------|------------|-------------------|----------------------|
| Buypass, Inc. | BPAS | x | | | | | | x | |
| Datamark Gift Card | DMRK | | | | | | x | x | |
| Fifth-Third Bank-St. Pete | BPS | x | x | | | | x | x | x |
| Givex | GVEX | x | | | | x | x | x | |
| Mellennia | MELL | | x | | | x | x | | |
| Paymentech (formerly Gensar, Transnet) | GSAR | | | | | | x | x | |
| RBS WorldPay Systems, Inc. | WORLDPAY | x | | | | x | x | x | |
| Secure Payment Systems | SPS | x | | | | | x | x | |
| Smart Transaction Systems | SMTS | x | x | | | x | x | x | |
| Stored Value Systems, Inc. | SVSI | x | x | | | | x | | |
| TSYS | VISA | x | x | x | x | | x | x | |
| ValueLink | VLNK | x | | x | | | x | x | |
| Valutec | VTEC | x | x | | | x | x | x | |
| VeriFone Stored Value API * | GAPI | x | x | | | x | x | x | |
| World | WRLD | x | | | | x | x | x | |

Note (GAPI *): - The VeriFone Stored Value API is a proprietary specification that allows for stored value card processors to add themselves to PCCharge. This certification matrix displays the GAPI features potentially accessible to any processing company whose transaction message was coded to the GAPI format. Actual certification availability will vary among the different GAPI-format processing companies.