

INTERNET ARCHIVE
WayBackMachine

http://www.gebusinessmarketplace.com/int_vpayment2.htm Go

8 captures
3 Jul 03 - 6 Dec 04

JUL OCT DEC Close
10
2002 2003 2004 Help



GE Corporate Payment Services

> [Contact Us](#) > [Site Map](#)

[Card Programs](#)

[Reporting / Web Tools](#)

[Integrated Settlement](#)

[About GE CPS](#)

> [Home](#) : > [Integrated Settlement](#) : > [vPayment](#) : How vPayment Works

☒ Frequently Asked Questions

- > [evPayment](#)
- **[How vPayment Works](#)**
- > [Using vPayment with AP Systems](#)
- > [vPayment Interface with GXS](#)
- > [vPayment Interface with elcom](#)
- > [Integrated Settlement Press Announcement](#)



How vPayment Works

Machine-to-machine accounting drives efficiency

The vPayment system serves as a bridge between the customer's Accounts Payable or procurement system and the credit card authorization system at Total Systems (TSYS). The components include a multi-tiered set of servers collectively called the XML Router, maintained by GE Corporate Payment Services. The XML Router and associated software comprises the vPayment system. The vPayment system stores customer card pools and serves as the secured communications "traffic cop" between the e-procurement system and TSYS.

In addition, TSYS uses GE Corporate Payment Services' patented Pre-Authorization technology. This proprietary GE Pre-Authorization System™ technology is the part of the vPayment system that enables transmission of accounting data and the setting of transaction-specific limits.

After the transaction is made, a settlement file passes the customer's PO and accounting data back to the e-procurement system. The e-procurement system maps the transaction data to the customer's GL system. If the e-procurement system does not have a GL mapper capability, GE Corporate Payment Services' PARIS system supports the mapping of GL information to the customer's ERP or accounting software. PARIS automatically parses the accounting data into a format for downloading to the customer's GL system. With PARIS or with e-procurement system-based mapping, the vast majority of transactions post to the customer's GL system in an "auto-approve" mode, with no requirement for human review or adjustment.

At the heart of vPayment is a secured system. The vPayment system maintains a pool of account numbers, and communicates with the customer's e-procurement system via encrypted transmissions. By utilizing digital certificates, the vPayment system verifies that the user is valid. The vPayment system checks for the appropriate digital certificate and, once validated, selects an account number from the card pool. The vPayment system then sends an encrypted message to TSYS.

Using GE Corporate Payment Services' patented Pre-Authorization technology, the TSYS system associates a Pre-Auth request with the transaction and communicates this message to the vPayment system. The Pre-Auth request sets an upper limit to the transaction amount corresponding to the amount of the PO, plus a tolerance if needed. For added security, all vPayment transactions require a Pre-Auth request. This means that in the unlikely event a vPayment account number is used outside of the e-procurement system, the activity will not receive a valid authorization at the point of sale.

In contrast to traditional purchasing cards, vPayment accounts are assigned to business units rather than to individuals. The accounts did not have a plastic card issued and are not used outside of the e-procurement system, since they require a system-generated Pre-Auth request for valid merchant authorization. *Proprietary information - 12/18/2001*

[GE Corporate Home](#) | [Investor Information](#) | [Privacy Policy](#) | [Terms & Conditions](#)
Copyright General Electric Company 1997-2002

