An omni-commerce payment solution for SAP

Your business uses SAP for its ERP software because it delivers a complete business package. However, SAP modules, which accept customers' payment data, require middleware to complete the transaction. The CardConnect Gateway Version 5.2 is a Java application offering the flexible reliability you need for payment authorization and settlement in SAP.

Business Purpose

The CardConnect Gateway, first certified by SAP in 1998, allows SAP to complete payments internally. It securely connects SAP to the banking system and serves as the communications module for your payment card authorizations and settlement files. As the Payment Card Interface, the CardConnect Gateway facilitates payment by credit cards for all sales and any open invoices in Accounts Receivable. The CardConnect Gateway's optional add-on capabilities can tailor card acceptance to your business requirements.

SAP Integration & Impact

The CardConnect Gateway connects with SAP via an RFC connection. CardConnect Gateway registers a program on the gateway. When SAP makes an authorization or settlement call, a call to that program on the gateway is made. If an SAP PI system is in place, it is possible to utilize the SAP payment card enterprise service bundle. The SAP PI system must be configured and then a connection made with the CardConnect Gateway middleware. We designed the CardConnect Gateway to minimize any changes to SAP. Please discuss with us the best way for your environment to connect to the CardConnect Gateway.

Deliverables & Services for CardConnect Gateway

The CardConnect Gateway works with the SAP native payment card functionality to:

- Receive the customer's payment data from SD, A/R, CRM, or Biller Direct
- Generate the request for permission to charge the card (authorization)
- Build a list of transactions that have been authorized and delivered, creating special settlement file
- Transmit this settlement file to the processor and tracks acceptance of the file by the processor
- Connect to multiple processors supporting multiple corporate entities on one system

Deliverables Include

- CardConnect Gateway Version 5.2 Java Application
  > Utilizes the JBoss Application Server provided by Red Hat
- Solution updates
- Related documentation

Implementation Services

- CardConnect will configure CardConnect Gateway specific to each customer
- CardConnect provides test card numbers for testing purposes

- CardConnect delivers and supports a test emulator
- Our staff will partner with yours to assure smooth and tight knowledge transfer
- List of SAP notes along with CardConnect recommendations applicable for the SAP Version

System Requirements

The CardConnect Gateway connects with SAP via an RFC connection. The SAP PI system must be configured and make a connection with the CardConnect Gateway middleware.

The CardConnect Gateway is available in three formats:

- Software only, to be installed on the customer's system
- Software and pre-built system hardware
- SunGard hosted
    *Please inquire for further details.

Software Only – Customer Provided System

- 2GHz CPU configuration with 4 gigabytes of memory is recommended.
- 10 gigabytes of disk storage
- The CardConnect Gateway utilizes approximately 1 kilobyte per authorization and 1 kilobyte per settlement record. CardConnect Gateway retains data for approximately 90 days, scrubbing transaction data afterwards.

Current Pre-Built – CardConnect Provided System

- Software pre-installed
- Cisco ASA 5505 Firewall
- Dell R210 Server with CardConnect provided Centos 5.4
- 2.4 GHZ Intel Xeon 4 core CPU, 4 gigabyte memory
- Dual 146 GB SATA drives with RAID 1 controller
- Rack Mount Rails
- Red Hat 5.4 with Red Hat Enterprise Linux
- Windows Server 2008 with Windows Server 2008 License with 5 CALs
- Windows SQL Server 2008 with 5 CALs

*Please check with CardConnect for the latest configuration.

Hosted – CardConnect Provided Systems

- Software pre-installed

SAP Configuration and Impact

SAP changes to adopt CardConnect Gateway are minimal. Supported SAP configurations are:

- SAP Basis: SM59 – RFC destination definition
- SAP Standard: SPRO – Payment card configuration

No custom development is necessary in SAP for payment card processing, however, SAP Notes may be applicable and a list will be provided for review.

Database and Operating System Options

The CardConnect Gateway is compatible with a wide variety of database and operating systems.

Operating System Options

- Microsoft Windows Servers
- Solaris
- Linux
- HP – Unix
- IBM – AIX

Database Option

- Oracle version 9 or later
- Microsoft SQL Server 2005 or later
- MySQL 5 or later
- BM DB2 (check with CardConnect on version options)

Personnel Requirements

Because CardConnect Gateway is an enterprise-level licensed product, it has a technically detailed installation period involving close collaboration between your staff and CardConnect

CardConnect Gateway

- 1 – System Administrator – 4-16 hours
- 1 – Database Administrator – 2-4 hours
- 1 – Application Owner – 2 hours

SAP

- 1 – Basis Administrator – 1 hour
- 1 – SD and or FI Functional Member – 4 hours

Design Requirements

- One Production Server
- One Non-Production Server
- Production failover may be a separate server or the non-production server.