

# SALLIE MAE BUSINESS OFFICE SOLUTIONS

## SALLIEMAELINK INTEGRATION WITH PEOPLESOFT ENTERPRISE



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*Flexible, scalable, cost-effective solutions that can be seamlessly integrated to help you manage the business of education.*

*Enhanced freedom and flexibility for your business office.*

### Company Overview

More than 1,200 university and state and local clients nationwide utilize Sallie Mae Business Office Solutions. SallieMaeLink provides a hosted portal for viewing billing information, payment data, and transaction processing, including electronic billing, disbursements, and payments, as well as a tuition payment plan and 1098-T presentment. Since 1999, Sallie Mae has been a leader in online transaction processing for higher education institutions.

### Integration Overview

The integration package between SallieMaeLink and any installation of Oracle's PeopleSoft Enterprise 9.0 is designed to work in n-tier architecture and was developed entirely within PeopleSoft.

This diagram on the following page outlines the entire process of the request from initiation to completion. The event is driven by the user, who logs onto the Web site and chooses the option to pay an outstanding bill. SallieMaeLink enables the transaction exchange with Sallie Mae payment gateway. All necessary logic pertaining to tuition and bill calculation is maintained within the PeopleSoft application. The flow of the invocation process is as follows:

INTEGRATED WITH



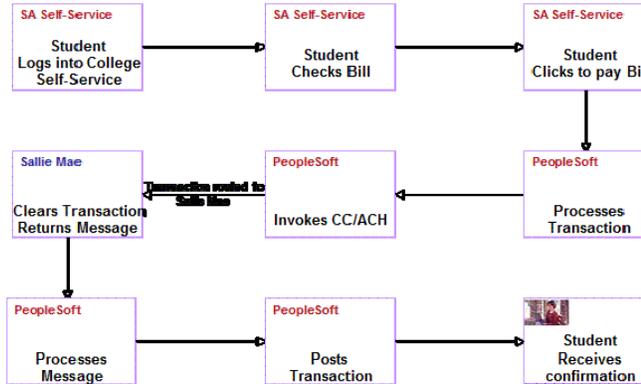
PEOPLESOFT ENTERPRISE

**Through the Oracle PartnerNetwork Application Integration Architecture for Partners Initiative, partners with validated integrations are able to provide customers with standards-based product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade capability, leading to a lower total cost of ownership and greater overall satisfaction.**

1. When the user clicks the Submit button in the payment page, the PeopleSoft application invokes the `ccardtrans()` or `echecktrans()` method, depending on the method chosen to pay the bill.
2. The `invokend` function collects all the parameters, and if the payment processor is set to Sallie Mae, it invokes the business interlink.
3. If the school has not enabled the Sallie Mae application as the payment processor, the process executes as delivered with the vanilla application.
4. The business interlink composes the XML and sends it to Sallie Mae, where the payment is processed. The response is provided within the

same HTTPS/XML call. Then execution within the code resumes.

- The response variables are collected and the proper pages are displayed.



SallieMaeLink process flow

### Integration Details

Object Type	Object Name	Comments
Business interlink	SALLIEMAE_ACHLINK	Invoked by echecktrans()
Business interlink	SALLIEMAE_CCLINK	Invoked by crcardtrans()
Record Peoplecode	SF_PAYMENT_WRK.SU BMIT_SF_PB.FieldFormul a	If service provider is SM, execute business interlink and handle the response. If provider is not SM, execute as delivered with PeopleSoft vanilla.
Translate value	CR_CARD_SRVC_PROV	Value = 'SM', Long name = 'Sallie Mae', short name = 'SallieMae', effective date = 1/2/1900

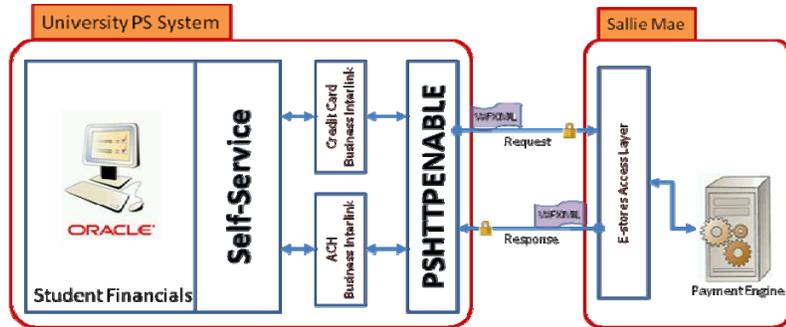
#### Integration Objects

The integration product relies on and exists within the PeopleSoft application in its entirety. SallieMaeLink assumes a working PeopleSoft installation and is database and operating system agnostic.

- The business interlink is invoked through the peoplecode functions identified above; the business interlink has no specific security for itself
- All credit card types are supported
- PeopleSoft applications supported: Accepting and processing of credit card and ACH payments using the Student Self Service Module.
- No COBOL programs were changed
- The integration product has been validated for PeopleSoft 8.9 and PeopleSoft 9.0

#### Availability

BOSSupport is available Monday through Friday, 8:00 a.m. to 7:00 p.m. ET, at +1.888.844.4753.



Component integration architecture

### Environment

#### Partner Environment

SallieMaeLink 3.11

#### Oracle Environment

Oracle's PeopleSoft Enterprise Student Financials 9.0

MS SQL Server 2005

Oracle Weblogic

### Support

Phone and e-mail support are available through our BOSSsupport desk. If a situation arises that requires our immediate attention, clients can call our BOSSupport line at +1.888.844.4753 to speak to a customer service representative at Sallie Mae.

E-mail access is available 24/7 at BOSSupport@salliemae.com

The response time is always within 24 hours and is prioritized by the type of problem.

For additional information about partnering with Oracle, please contact [opninfo\\_us@oracle.com](mailto:opninfo_us@oracle.com) or visit [www.partners.oracle.com](http://www.partners.oracle.com)

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