Through the Oracle PartnerNetwork, 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.

BLACKBOARD INC.
Blackboard Learn Validated Integration with PeopleSoft Campus Solutions 9.0

Let’s Build a Better Education Experience

Company Overview
Blackboard Inc. is a global leader in enterprise technology and innovative solutions that improve the experience of millions of students and learners around the world every day. Blackboard’s solutions allow thousands of higher-education, K through 12, professional, corporate, and government organizations to extend teaching and learning online, facilitate campus commerce and security, and communicate more effectively with their communities. Founded in 1997, Blackboard is headquartered in Washington, DC, with offices in North America, Europe, Asia, and Australia.

Integration Overview
Blackboard has partnered with Oracle to integrate the Blackboard Learn platform with Oracle’s PeopleSoft Campus Solutions. Blackboard Learn helps make learning more effective in and beyond the traditional walls of higher education, bringing efficiency to day-to-day tasks and empowering instructors with tools to engage every learner. With the PeopleSoft Campus Solutions integration, system administrators can use student data—such as course schedules, student assessments, and financial-aid information—to create courses in Blackboard Learn and help ensure students are correctly enrolled in their courses and have access to the course materials they need.

With Release 9.1 Service Pack 6, Blackboard Learn integrates with Peoplesoft Campus Solutions 9.0 more easily and reliably through support for open education standards, such as IMS Learning Information Services (LIS) 2.0, and a strategic partnership with Oracle. As a result, a more simplified, end-to-end technology ecosystem has been created for college campuses. Through an easy-to-use interface in the Blackboard Learn platform, system administrators can configure, manage, and maintain their system integrations, allowing data and information to be shared and reused from one system to another. Benefits of the integration include improved system performance for data exchange management, easier deployment of new systems, and reduced operational costs resulting in greater client satisfaction and retention for both Blackboard Learn and PeopleSoft Campus Solutions.

Integration Details
The Blackboard Learn and PeopleSoft Campus Solutions integration is based on the IMS Learning Information Services 2.0 standard. This integration is facilitated through Oracle’s PeopleSoft Student Administration Integration Pack and Blackboard SIS Integration Framework. The Blackboard SIS Integration Framework and PeopleSoft Student Administration Integration Pack supports the following structures:
Personal Data
• Name
• Bio/demo information
• Address/e-mail/phone

Class/Course Data
• Course title and course description
• Start/end dates
• Status
• Term/academic session

Enrollment Data
• Student enrollment
• Role (instructor/student)
• Status (active/inactive)

The following key business processes are supported in the integration:
• Creation and removal of a class
• Enrollment or drop of a student
• Addition of instructor(s) to a class
• Removal of instructor(s) from a class
• Update of student or instructor data
• Update of class information

Benefits of the validated integration include:
• Real-time, as well as snapshot-based, integration
• Reduced cost of integration with PeopleSoft Campus Solutions via PeopleSoft Student Administration Integration Pack
• Reduced time to production due to near out-of-the-box integration
• Integrated graphical user interface (GUI) management and maintenance of PeopleSoft Campus Solutions integration and data feeds
• Detailed logs providing administrators access to errors and changes in the GUI, reducing PeopleSoft Campus Solutions integration support
• Support for the IMS LIS 2.0 standard, minimizing change management

Environment
Blackboard Environment
Blackboard Learn Release 9.1, Service Pack 6
Oracle Database 11g Release 2

Oracle Environment
Oracle’s PeopleSoft Campus Solutions 9.0 (Bundle 24)
Oracle Database 11g Release 2
OracleWebLogic Server 11g Release 1