

EHSWeb

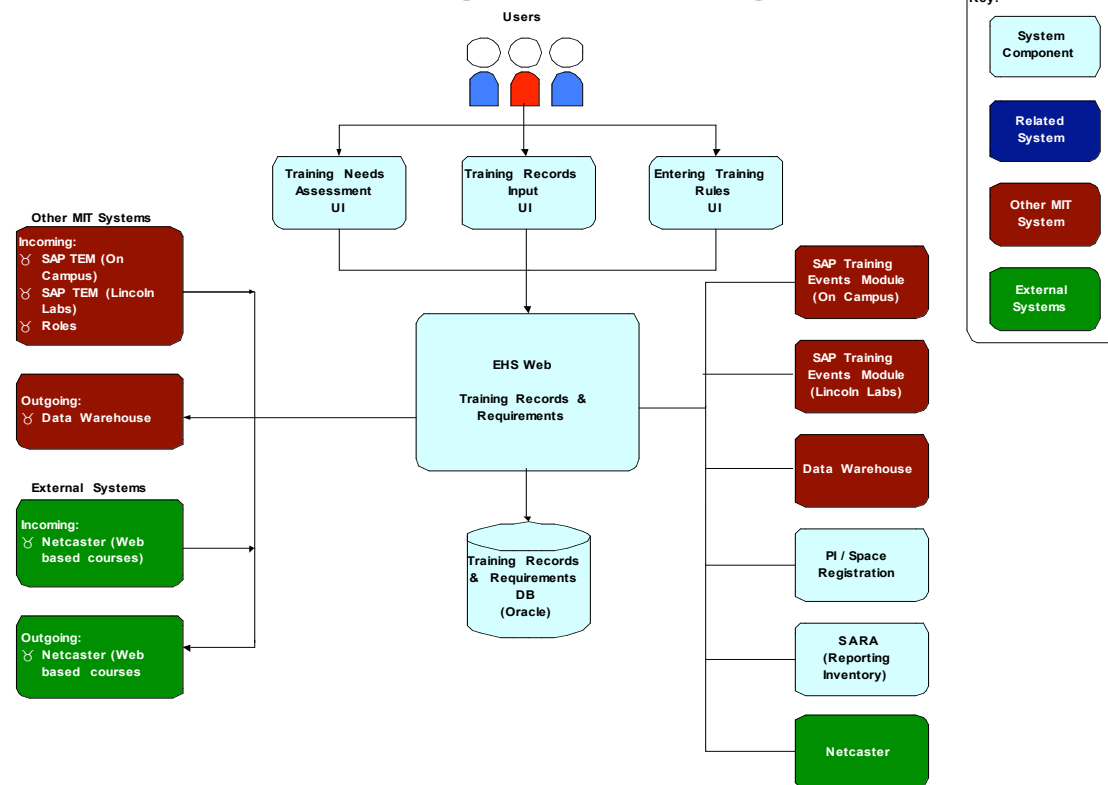
EHSWeb is MIT's Environmental Health and Safety Management System. It provides a framework for DLCs to manage training and requirements for training for its employees. The EHS system was developed to help MIT with its policy towards safety in research and teaching. In addition EHSWeb helps provide MIT with accountability with environmental health and safety stewardship and still maintain an independence in research and teaching.

The EHSWeb system has various user interfaces to allow users to perform the actions outlined above. Each user group of the application can use the appropriate interface to conduct their daily business. These interfaces are shown below, indicative of their purpose.

The Diagrams below display the Logical and Physical Architecture of EHSWeb. The Logical Architecture diagram displays systems in addition to the EHSWeb application. These systems include SAP, PI/Space Registration, Sara and Netcaster. An explanation of these systems follows. SAP contains information about the training events MIT community members can attend and those they have already attended. Therefore this information must be fed into EHSWeb to gain a holistic understand of the training an individual has taken. The PI/Space Registration system allows Principle Investigators of various areas at MIT to keep track of the hazards in their area of responsibility. This information allows the EHSWeb application to gain an understanding of the training needs people may have due to the spaces they are currently working in. Finally, Netcaster is a web based application to allow MIT community members to take online training courses. It manages course information and completion and must feed this to EHSWeb to indicate people are completing their required training courses.

Currently there are plans to move the EHSWeb functionality into SAP. By February 2005 the inspection and audit phases are expected to go live, followed by the training module in June 2005.

EHSWeb Logical Architecture Diagram



EHSWeb Physical Architecture Diagram

