



Sentillion's Bridges provide a flexible, extensible and uniform mechanism for interfacing to applications in order to achieve single sign-on, single patient selection, or user account provisioning. Bridges drive the user interface of targeted applications as though they were the end users of those applications. In other words, Bridges can "see" what the user can see and operate the application and input data in the same way the user can.

Key to the successful implementation of any identity and access management (IAM) solution is the mechanism for interfacing the IAM system to the applications that are to be managed. While IAM interfacing standards exist, such as HL7's COW for single sign on and single patient selection, and SPML from OASIS for user provisioning, the adoption and application of these standards by healthcare vendors continues to be inconsistent. Sentillion developed its Bridge technology and BridgeWorks tool kit in order to provide a practical, scalable, robust and cost-effective approach for creating interfaces for the vast majority of applications that do not support standards. A Bridge effectively turns an application's user interface into an application programming interface. For example, to accomplish provisioning, a Sentillion Bridge navigates the user interface for the target application's administrative console, inputs data into the necessary fields, selects the desired choices from menus and pick lists, completes dialogues, and checks for errors. All of this is accomplished automatically, with no need for a user to be in attendance.

Sentillion's Bridges inherently support the broad range of workflows found in a healthcare organization including fast single sign-on, fast single sign-off, graceful termination of applications at sign-off, and enabling applications to remain running "hot" between user sessions. Further, Bridges support bi-lateral single patient selection, enabling the user to select the patient of interest in any application so that all other applications automatically tune to the selected patient. Sentillion Bridges also support deep provisioning of user accounts into clinical and non-clinical applications.

Since Bridges need to interact with an application at the same speed as a real user, BridgeWorks includes event-based programming capabilities, which support a wide range of events ranging from desktop behaviors such as program launching and windows appearing as well as browser actions and identity events (i.e., the user logging off or changing the currently viewed patient identity). Sentillion Bridges can be created by non-programmers using a GUI-based wizard, called BridgeBuilder, which is part of BridgeWorks and generates BridgeWorks scripts automatically. In addition, Bridges can be created using BridgeWorks' powerful set of building blocks for programming in J-Script.

Benefits

Extensibility to Meet New Requirements

BridgeWorks is designed to be extensible, in order to meet virtually any application integration challenge. Any scriptable Windows or Web component can be called from BridgeWorks and be a source of BridgeWorks events.

Robust Design Accommodates Change

The event model supported by Bridges provides a high degree of resiliency to changes in the underlying applications. The event model minimizes the amount of "touch" between a Bridge and an underlying application so that changes to the application are often transparent to the Bridge. However, in the event that changes are required existing Bridges can be readily modified using BridgeWorks or the BridgeBuilder Wizard.

Access to Open Source Community

All Sentillion customers are members of a unique online community called IdMPOWER. IdMPOWER contains discussion groups, knowledge base, and product updates. It also contains a library of Bridges that are contributed by Sentillion and customers that available for IdMPOWER platinum members to download and use. This open source model empowers our community to accelerate application integration.

One Tool, One Methodology

With BridgeWorks, healthcare organizations need only learn and apply one tool in order to achieve a remarkably broad range of IAM interfacing capabilities, from single sign-on to single patient selection to user account provisioning. No other IAM vendor offers the degree of tooling uniformity and efficiency.

About Sentillion

Since 1998, Sentillion has been revolutionizing healthcare IT with award winning, industry recognized identity and access management technology. Sentillion has successfully combined patented technology with a deep understanding of the healthcare industry to deliver a comprehensive set of solutions for single sign-on (SSO), identity management, clinical workstations and desktop virtualization. Sentillion's Vergence solution has been named the KLAS market segment leader for the KLAS Single Sign On market segment for 2009. Sentillion's identity and access management solutions are used daily by over 500,000 caregivers in leading healthcare organizations across North America and Europe. Sentillion is a Microsoft (Nasdaq "MSFT") company. For more information, visit Sentillion at www.sentillion.com.

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