Clinical application integration: Imprivata Bridge Studio

Imprivata Bridge Studio software allows customers and partners to build identity management connectors into clinical and business applications in a self-service way, bringing automated application provisioning and management within reach of mid-size to large hospital IT staffs. With Imprivata Bridge Studio, users can seamlessly create application connectors into any type of application with a wizard-like drag and drop interface.

In addition to Imprivata Bridge Studio, the extensive Imprivata identity and access management library of clinical applications allows provisioning and single sign-on connectors to be created for hundreds of applications from vendors such as Epic, Cerner, GE, and McKesson.

Bridge Studio tool

The Imprivata Bridge Studio developer environment is a visual environment for creating and maintaining automated provisioning workflows. The provisioning workflows that can be crafted as a part of the development environment include:

- Creation
- Modification
- Deletion
- Password reset

Wizard features

Imprivata Bridge Studio enables an IT specialist to build provisioning sequences by "searchlight," targeting the source application's controls. This visual wizard approach enables efficient configuration of the application provisioning attributes and hides the underlying scripting complexity associated with connector development. Imprivata Bridge Studio supports more complex capabilities for advanced users, including support for conditional workflows and shared sequences.

Bridge playback

Bridge playback enables an IT specialist to test an application connector while still in development. This allows the IT specialist to debug potential issues in the connector ahead of deployment to the production environment. Users can pass test data to the connector to simulate production transactions. Comprehensive debugging capabilities include step-by-step visual sequence execution, breakpoint pausing, and variable inspection.

Infrastructure investment

The Imprivata Identity Governance architecture includes a scalable and highly available bridge server architecture that enables connectors into hundreds of clinical and business applications, operating systems, networks, and enterprise directories. The bridge server can be seamlessly deployed into the existing IT network topology with minimal staff disruption and architectural adjustment.

Application bridge list

The following is a sample list of bridges that have been developed by the Imprivata services team for identity governance.

Application vendor	Application name	Application vendor	Application name
AllScripts	SCM	Invision	
Carecast		JAC	
Carevue		Lawson	Financial
Cerner	LMS	Lawson	HR
Cerner	Millenium	Lawson	Materials Management
Cherwell	Ticketing System	LotusNotes	Iasis
Doctor	Connect	McKesson	Ardent Star
Eclipsys	AMPFM Web	McKesson	ConnectRx
Entrust	Identity Guard	Mckesson	HMI
Epic	HyperSpace	McKesson	Horizon Meds Manager
eSummit	Exempla	McKesson	Horizon Physician Portal
GE	Centricity EMR	McKesson	Horizon Patient Folder (HPF)
GE	Web Framework	McKesson	Intellishelf
GE	Centricity Perinatal	McKesson	STAR Nav
GE	Centricity Portal	McKesson	HOM
HIS		MedHost	EDIS
HPF		Meditech	Client Server
Hyland	Onbase	Meditech	Magic
IBEX		Medplus	ChartMaxx
IBM	Lotus Notes	Medview	
Identicard	Premisys	Microsoft	Exchange
IDX	IDX term	Microsoft	Office365
Image	Engine	Microsoft	Skype Business
IMPAC	Mosaiq	Midas	Midas +

Application vendor	Application name		Application vendor	Application name
Misys			Siemens	MedAdmin
Mobile	Heartbeat		Siemens	MedSeries4
PeopleSoft	PeopleSoft FIN		Siemens	Physician Portal
PeopleSoft	PeopleSoft HR		Siemens	Soarian
Philips	iSite		Siemens	Syngo
Philips	Tomcat		Siemens	MAC
PiMS			Spacelabs	
Pyxis	MedStation		Sunquest	SunquestLAB
PKPortal			Ultimate Software	UltiPro
R5			VMS	
RSA	Security Console		Voalte	
ServiceNOW	CSM		Workday	HRM
Siemens	Invision			