

# Data Sheet | Avancer's Epic – IdM Provisioning Enterprise Application Connector

## Overview

Epic's market focus is to provide large healthcare organizations with an integrated suite of healthcare software. The solutions are centered on a Caché database provided by InterSystems.

**According to Epic, hospitals that use its software are in possession of 54% of patients' records in USA. About 190 million patients have a current electronic record in Epic.**

The range of Epic's applications support functions related to patient care, including registration and scheduling; clinical systems for doctors, nurses, emergency personnel, and other care providers; systems for lab technologists, pharmacists, and radiologists; and billing systems for insurers. It has evolved as an important application support system within the healthcare industry.

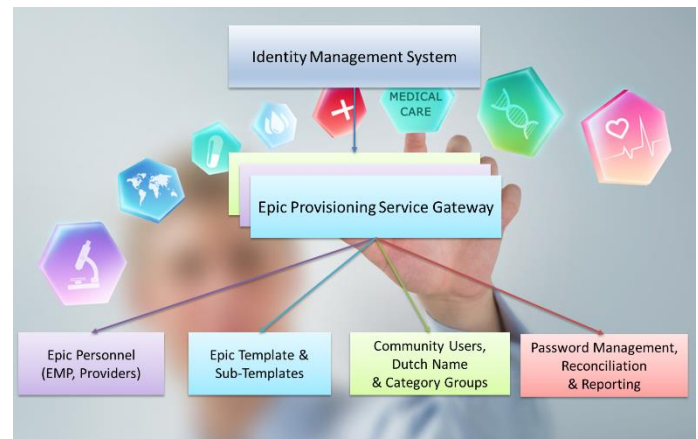


Figure 1 Interaction of Identity Management System with Epic Provisioning Service Gateway

## Features of Avancer's EPIC IdM Connector

- 1. Rapid, Timely and Precise account provisioning**
  - Manage complete identity lifecycle for EPIC users
  - Ability to automate SER provider provisioning
  - Enable multiple accounts provisioning
    - Facilitate primary account provisioning with AD authentication
- 2. Supports latest security services Personnel management**
  - Support for internal and external ID
  - Supports training, SunRise/Sunset and advance use cases
  - Establishes relationship(linking) between EMP & Providers (SER)
  - Support for entering credentialing information
- 3. Provides standard interface for reconciliation & real-time identity synchronization for all connected accounts**
- 4. Supports multiple linkable templates (including sub-templates), employee demographics, & category report groupers, extensive reporting.**
- 5. Secures User access through recertification.**



## Benefits for Administrators and End-Users

IdM Connectors are used to integrate IdM Solutions with external, identity-aware applications. Avancer's Epic Connector can be deployed quickly to enable IdM Solutions to automate access rights management, security and provisioning of users on Epic System. For system administrators and end users, such integrations result in following benefits:

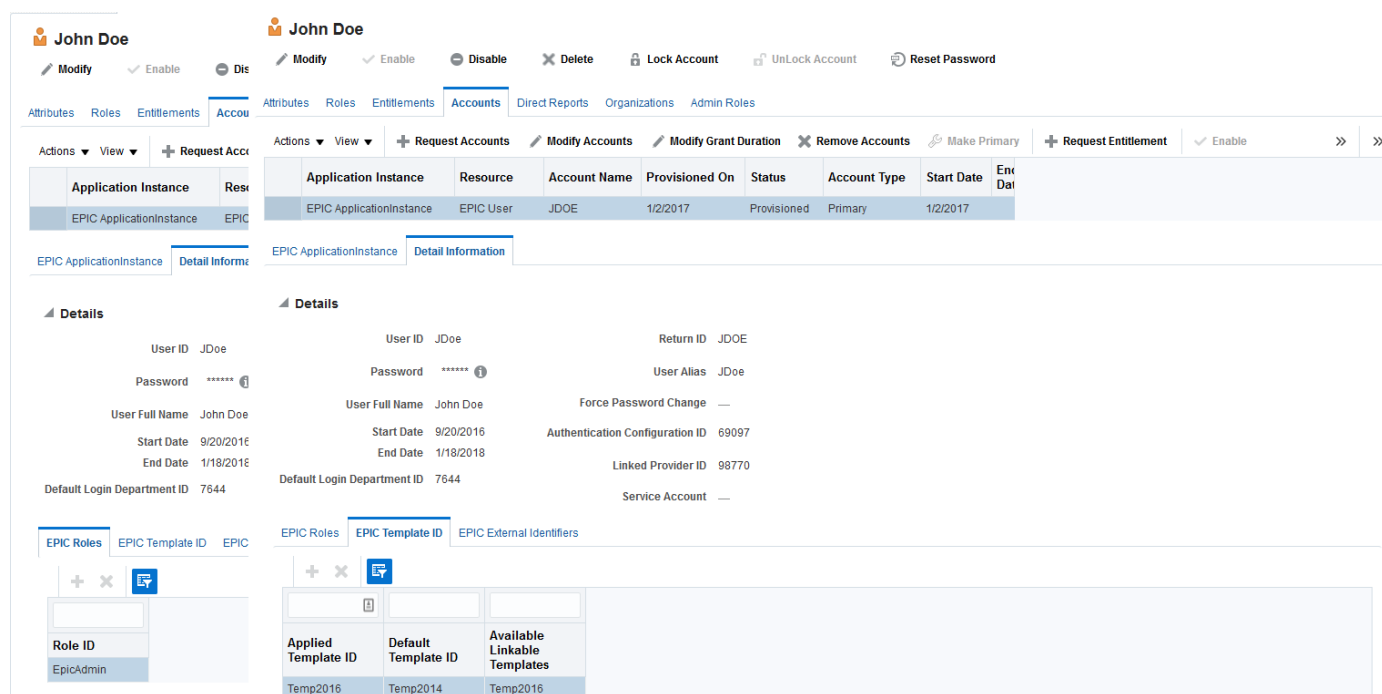
- **Minimizes Costs & Risk:** Stores Identity information in a single, external source reducing maintenance & auditing requirements.
- **Brings down manual effort:** Automation of provisioning process that ties to existing provisioning systems resulting in accurate provisioning and is in sync with identity life cycle events.
- **Step-Up Enterprise Security:** Extensive reporting, certification to vet out access grants. Additionally, Epic connector grants temporal rights to ease out personnel administration and manual efforts.

## Supported Functions of Avancer's Epic – IdM Provisioning Enterprise Application Connector

Avancer's Epic IdM Connector supports the latest Security Services Personnel Management interfaces and handles all identity life cycle events that includes joiners, transfers & leavers identity processes. Avancer's Epic connector also performs CRUD operations on employee identity along with setting items like multiple linkable templates, employee demographics and category report groupers during user creation. Each of these functions can be performed singularly or depending on the operation, in a batch mode.

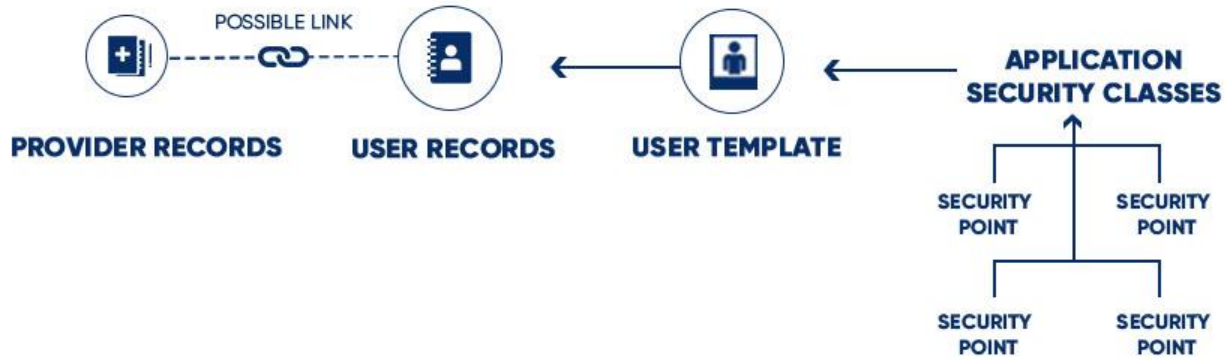
Function	Details
Create User	Automated creation of a new user account(EMP and SER) on Epic.
Create SER User	Create (SR,1000) specification based SER user
Link SER-EMP records	Update EMP record with ProviderID and CustomeID Type
Enrich User Access	Set new items like multiple linkable templates, employee demographics and category report groupers during user creation.
Enable User	Activate a disabled user account on the Epic, update the record based on the linked template
Update User	Modify privileges or multiple linkable templates of users' accounts on the Epic.
Update Community User	Update access to EpicCare Link/Plan Link/Healthy Planet Link ("community user") items
Disable User	Temporarily in-activate a user account on the Epic Application.
Delete User	Revoke the access of a user's account on Epic Application.
Password Management	Manage/change passwords. Password propagation to Epic for users who uses Epic Native Authentication.
Reconciliation	Reconciliation of templates and groups. Reconciliation of Users based on the data sent by Epic on daily basis.
Reporting	Reports to view the user access such as the list of departments & their groups, list of locations & service areas.
Certifications	Undertake certification related actions for credentials & other information (Available through IAM system)

## Examples of Epic Provisioning IdM Connector on a Identity Management System



The screenshot displays the user management interface for 'John Doe'. It includes a top navigation bar with actions like 'Modify', 'Enable', 'Disable', 'Delete', 'Lock Account', 'UnLock Account', and 'Reset Password'. Below this, there are tabs for 'Attributes', 'Roles', 'Entitlements', and 'Accounts'. The 'Accounts' tab is active, showing a table with columns: Application Instance, Resource, Account Name, Provisioned On, Status, Account Type, Start Date, and End Date. A table below shows details for 'EPIC ApplicationInstance' with resource 'EPIC User' and account name 'JDOE'. Further down, there are sections for 'Details' (User ID, Password, User Full Name, Start Date, End Date, Default Login Department ID) and 'Epic Template ID' (Applied, Default, Available Linkable Templates).

# Epic Security Class Re-Certifications



## Examples of Security Class Re-Certifications on SailPoint Identity Management System

**View Identity ABLONSKY**      Application Owner Certification for Security Classes

Attributes | Entitlements | Application Accounts | Policy | History | Risk | Activity | User Rights

ABLONSKY was last refreshed on 5/25/20 at 8:00:01 PM

Roles: **IR\_Psychiatrist** (Psychiatrist Security Class)

Decision Statistics: Roles, Additional Entitlements, Policy Violations

**View Identity ATKINSTR**

Attributes | Entitlements | Application Accounts | Policy | History | Risk | Activity | User Rights

ATKINSTR was last refreshed on 1/12/21 at 1:12:01 PM

Roles: **IR\_RadiologistChampion** (Radiologist Champion Security Class)

Access Reviews: Application Owner Access Review for Avancer Epic EMP Security Class Application

**View Identity BKLOBERDANZ**

Attributes | Entitlements | Application Accounts | Policy | History | Risk | Activity | User Rights

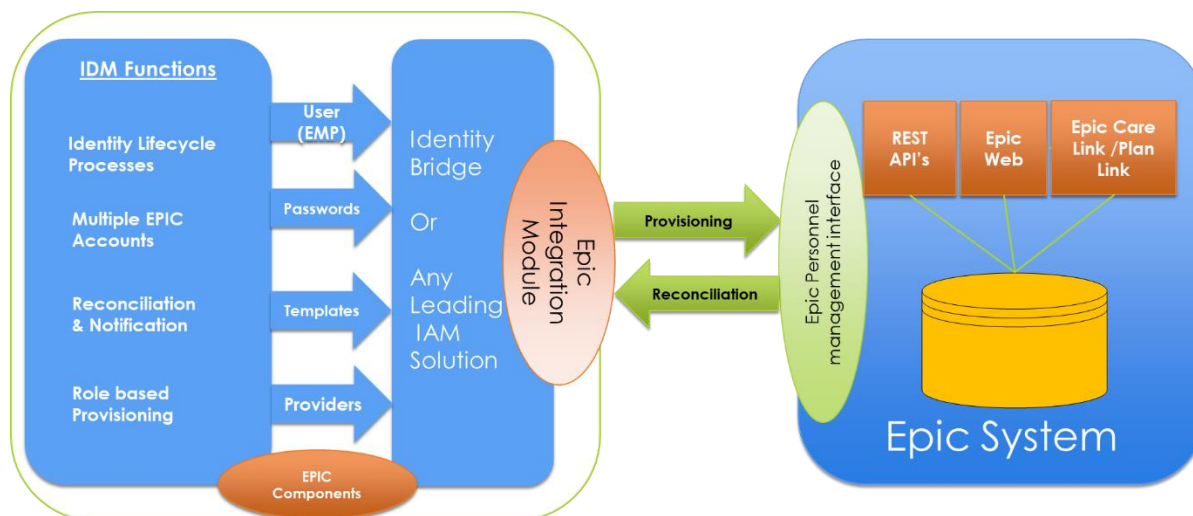
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Roles: **IR\_ObGynurse** (ObGynurse Security Class)

Application Owner Access Review for Avancer Epic EMP Security Class Application

Type	Display Name	Description	Identity	Decision
Role	IR_BillingManager	Billing Manager Security Class	ABBASIAN	Approve / Revoke
Role	IR_OBPhysician	OBPhysician Security Class	ABBASIAN	Approve / Revoke
Role	IR_Psychiatrist	Psychiatrist Security Class	ABLONSKY	Approve / Revoke
Role	IR_RadiologistChampion	Radiologist Champion Security Class	ATKINSTR	Approve / Revoke
Role	IR_ObGynurse	ObGynurse Security Class	BKLOBERDANZ	Approve / Revoke

## Architecture Diagram



## System Requirements and Supported Platforms

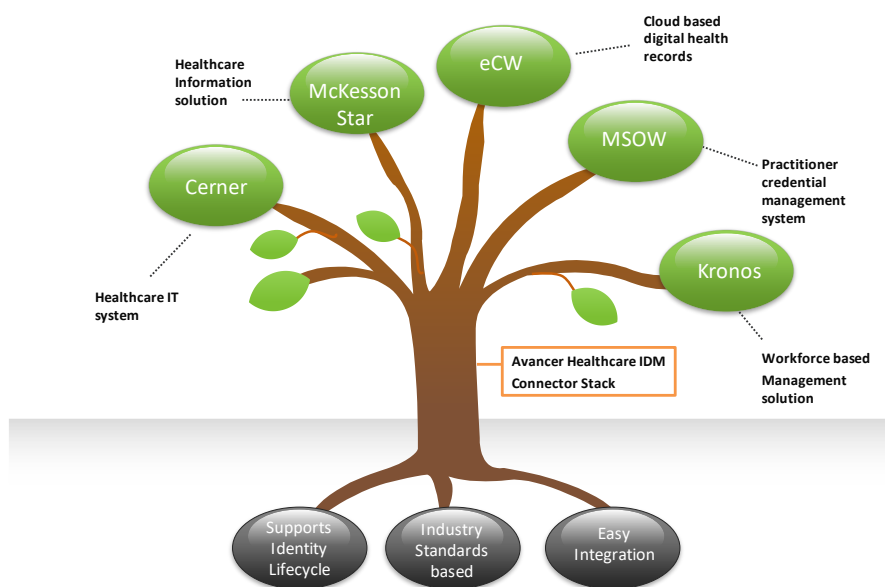
- Java JDK above version 1.6 (+), Connector Server
- SailPoint IIQ, ForgeRock Identity Management 4.5, Oracle Identity Management 11gr1 or 11gr2 (PS1+) or 12c
- Epic Personnel Management interface license (Available from Epic)

## Other HealthCare Connectors from Avancer development Lab

Avancer Corporation has developed healthcare industry specific IDM connectors for various industry specific applications to fully integrate IDM provisioning solutions.

Avancer's product and IT Security team come together to meet critical success factors, such as:

- Breadth and depth of industry knowledge and technical experience
- Ability to team with management, implementation professionals and internal audit personnel
- Consistent, modular and easy-to-use methodology
- Focus on learning, knowledge transfer and training



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## About Avancer

Avancer Corporation is a multi-system integrator focusing on Identity and Access Management (IAM) Technology. Founded in 2004, it has over a decade's expertise in the field of Identity and Access Governance, IT Security and Big Data Management. With a depth of experience in end-to-end IT Security Solutions, Avancer has evolved as a specialist in integrating enterprise IT security through a range of solutions, products and services focused in IAM Technology. Our services ranges from full term project life-cycle implementation to tailor made short-haul projects including software procurement, architectural advisement, design and development through deployment, administration, and training.

For More Information, please visit <https://www.avancercorp.com>

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